

TRAFFIC ANALYSIS REPORT

For Project: Whitehall Road at 179 Facing South-July 2021

Location/Name: Merged

Report Generated: 7/25/2021 11:42:31 PM

Speed Intervals = 1 mph

Time Intervals = Instant

Traffic Report From 7/14/2021 4:13:27 PM through 7/22/2021 12:13:34 PM

85th Percentile Speed = 42.6 mph

85th Percentile Vehicles = 8,260 counts

Max Speed = 70.0 mph on 7/19/2021 8:49:27 PM

Total Vehicles = 9,718 counts

AADT: 1240.6

Volumes - weekly vehicle counts

	Time	5 Day	7 Day
Average Daily		1,154	1,130
AM peak	8:00 to 9:00	82	71
PM peak	4:00 to 5:00	120	111

Speed

Speed limit: 30 mph

85th Percentile Speed: 42.6 mph

Average Speed: 37.9 mph

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Count over limit	1134	1284	1695	1684	1303	1075	921
% over limit	93.0	94.6	93.5	93.8	93.6	93.2	93.2
Avg speeder	38.7	38.8	38.7	38.5	38.6	38.4	38.4

Class counts

Number %

VEH_SM 18 0.2
 VEH_MED 9485 97.6
 VEH_LG 215 2.2
 [VEH_SM = motorcycle, VEH_MED = sedan, VEH_LG = truck]

85th percentile speeds, counts and total counts by hour:

Date/Time Ending	85th pctl(mph)	85th pctl cnts	Total cnts	Max Speed	Avg Speeder	% Speeders
7/14/2021 5:00:00 PM	42.0	87	102	49	37.9	90.2%
7/14/2021 6:00:00 PM	43.2	98	115	52	38.9	95.7%
7/14/2021 7:00:00 PM	42.8	81	95	50	38.7	93.7%
7/14/2021 8:00:00 PM	43.5	53	62	53	38.0	91.9%
7/14/2021 9:00:00 PM	39.3	50	59	50	36.6	88.1%
7/14/2021 10:00:00 PM	41.0	25	29	46	36.9	89.7%
7/14/2021 11:00:00 PM	44.0	12	14	51	38.7	92.9%
7/15/2021 12:00:00 AM	41.0	5	6	53	40.9	83.3%
7/15/2021 1:00:00 AM	40.5	7	8	41	36.9	87.5%
7/15/2021 2:00:00 AM	39.0	3	4	46	38.5	100.0%
7/15/2021 3:00:00 AM	41.0	5	6	46	38.1	83.3%
7/15/2021 4:00:00 AM	49.0	2	2	49	41.5	100.0%
7/15/2021 5:00:00 AM	36.0	2	2	36	35.5	50.0%
7/15/2021 6:00:00 AM	42.7	19	22	50	38.5	100.0%
7/15/2021 7:00:00 AM	40.8	44	52	47	37.8	96.2%
7/15/2021 8:00:00 AM	42.0	62	73	47	37.5	97.3%
7/15/2021 9:00:00 AM	41.8	65	77	50	38.4	98.7%
7/15/2021 10:00:00 AM	42.0	61	72	47	37.8	98.6%
7/15/2021 11:00:00 AM	43.3	46	54	48	38.1	98.1%
7/15/2021 12:00:00 PM	42.7	68	80	53	38.4	97.5%
7/15/2021 1:00:00 PM	42.7	61	72	51	38.6	98.6%
7/15/2021 2:00:00 PM	41.4	64	75	55	38.0	98.7%
7/15/2021 3:00:00 PM	43.1	72	85	51	38.5	90.6%
7/15/2021 4:00:00 PM	42.7	82	96	48	38.0	90.6%
7/15/2021 5:00:00 PM	42.9	111	131	50	38.5	95.4%

7/15/2021 6:00:00 PM	42.7	85	100	47	38.5	89.0%
7/15/2021 7:00:00 PM	44.0	81	95	60	38.3	97.9%
7/15/2021 8:00:00 PM	43.3	60	70	68	38.6	90.0%
7/15/2021 9:00:00 PM	42.0	48	57	55	37.6	91.2%
7/15/2021 10:00:00 PM	41.0	36	42	47	36.5	73.8%
7/15/2021 11:00:00 PM	41.0	15	18	43	36.1	94.4%
7/16/2021 12:00:00 AM	39.0	12	14	46	37.3	100.0%
7/16/2021 1:00:00 AM	42.0	2	2	42	38.5	100.0%
7/16/2021 2:00:00 AM	41.0	3	4	45	40.0	100.0%
7/16/2021 3:00:00 AM	36.0	3	4	39	35.8	75.0%
7/16/2021 4:00:00 AM	38.5	3	4	39	36.3	100.0%
7/16/2021 5:00:00 AM	41.0	3	4	51	39.0	100.0%
7/16/2021 6:00:00 AM	40.5	13	15	46	36.4	100.0%
7/16/2021 7:00:00 AM	41.5	45	53	46	37.6	94.3%
7/16/2021 8:00:00 AM	42.0	57	67	54	37.7	91.0%
7/16/2021 9:00:00 AM	41.0	90	106	47	37.4	97.2%
7/16/2021 10:00:00 AM	41.0	66	78	50	36.9	91.0%
7/16/2021 11:00:00 AM	42.0	64	75	50	37.6	96.0%
7/16/2021 12:00:00 PM	42.0	78	92	48	38.1	93.5%
7/16/2021 1:00:00 PM	42.7	71	83	52	39.0	95.2%
7/16/2021 2:00:00 PM	43.3	75	88	56	38.4	94.3%
7/16/2021 3:00:00 PM	42.5	93	109	54	38.0	94.5%
7/16/2021 4:00:00 PM	44.0	93	109	52	39.5	94.5%
7/16/2021 5:00:00 PM	43.8	95	112	59	39.2	95.5%
7/16/2021 6:00:00 PM	43.3	91	107	59	39.2	90.7%
7/16/2021 7:00:00 PM	42.0	60	71	48	38.4	91.5%
7/16/2021 8:00:00 PM	42.3	50	59	52	37.4	88.1%
7/16/2021 9:00:00 PM	41.7	47	55	46	37.4	85.5%
7/16/2021 10:00:00 PM	40.0	36	42	44	36.1	97.6%
7/16/2021 11:00:00 PM	42.0	31	37	45	37.7	97.3%
7/17/2021 12:00:00 AM	41.5	14	16	43	37.4	93.8%
7/17/2021 1:00:00 AM	42.5	9	11	67	41.0	100.0%
7/17/2021 2:00:00 AM	42.0	7	8	43	38.6	87.5%
7/17/2021 3:00:00 AM	40.0	3	4	41	38.8	75.0%

7/17/2021 4:00:00 AM	38.0	3	3	38	33.5	100.0%
7/17/2021 5:00:00 AM	33.0	2	2	33	32.5	100.0%
7/17/2021 6:00:00 AM	40.0	3	4	41	36.8	100.0%
7/17/2021 7:00:00 AM	41.0	21	25	49	37.8	92.0%
7/17/2021 8:00:00 AM	41.5	27	32	58	37.9	96.9%
7/17/2021 9:00:00 AM	42.5	41	48	49	37.7	97.9%
7/17/2021 10:00:00 AM	40.4	68	80	46	36.9	92.5%
7/17/2021 11:00:00 AM	42.5	71	83	47	38.0	97.6%
7/17/2021 12:00:00 PM	43.0	90	106	52	38.1	94.3%
7/17/2021 1:00:00 PM	42.3	78	92	47	37.8	95.7%
7/17/2021 2:00:00 PM	43.4	78	92	51	38.7	93.5%
7/17/2021 3:00:00 PM	42.8	76	90	59	38.7	91.1%
7/17/2021 4:00:00 PM	43.7	68	80	52	38.7	93.8%
7/17/2021 5:00:00 PM	42.3	76	89	48	38.1	97.8%
7/17/2021 6:00:00 PM	40.8	65	76	48	37.2	90.8%
7/17/2021 7:00:00 PM	41.7	58	68	45	37.8	92.6%
7/17/2021 8:00:00 PM	41.3	42	50	51	37.2	92.0%
7/17/2021 9:00:00 PM	40.7	33	39	46	36.3	84.6%
7/17/2021 10:00:00 PM	40.0	36	42	51	36.4	76.2%
7/17/2021 11:00:00 PM	44.0	17	20	49	39.8	95.0%
7/18/2021 12:00:00 AM	43.0	8	9	44	38.2	100.0%
7/18/2021 1:00:00 AM	42.5	7	8	43	38.3	100.0%
7/18/2021 2:00:00 AM	40.0	3	4	46	38.8	75.0%
7/18/2021 3:00:00 AM	36.0	2	2	36	34.5	100.0%
7/18/2021 4:00:00 AM	45.0	2	2	45	37.5	100.0%
7/18/2021 5:00:00 AM	34.0	3	4	41	34.8	100.0%
7/18/2021 6:00:00 AM		**No Data**				
7/18/2021 7:00:00 AM	40.0	7	8	41	36.4	100.0%
7/18/2021 8:00:00 AM	43.0	19	22	46	38.5	90.9%
7/18/2021 9:00:00 AM	43.0	25	29	51	38.1	96.6%
7/18/2021 10:00:00 AM	40.0	46	54	48	36.7	92.6%
7/18/2021 11:00:00 AM	43.5	54	64	48	38.2	95.3%
7/18/2021 12:00:00 PM	42.5	69	81	50	37.9	91.4%
7/18/2021 1:00:00 PM	41.8	72	85	49	37.8	92.9%

7/18/2021 2:00:00 PM	43.8	54	64	48	37.7	96.9%
7/18/2021 3:00:00 PM	43.2	56	66	51	38.7	89.4%
7/18/2021 4:00:00 PM	41.3	60	71	47	37.4	97.2%
7/18/2021 5:00:00 PM	42.8	76	90	54	38.6	94.4%
7/18/2021 6:00:00 PM	42.5	89	105	48	37.9	94.3%
7/18/2021 7:00:00 PM	43.3	61	72	51	38.1	93.1%
7/18/2021 8:00:00 PM	40.0	42	50	48	36.0	92.0%
7/18/2021 9:00:00 PM	40.7	31	37	44	37.4	86.5%
7/18/2021 10:00:00 PM	44.0	30	35	56	38.3	85.7%
7/18/2021 11:00:00 PM	44.0	20	23	55	38.4	91.3%
7/19/2021 12:00:00 AM	47.0	10	12	57	39.9	100.0%
7/19/2021 1:00:00 AM	46.0	3	4	50	39.5	100.0%
7/19/2021 2:00:00 AM	42.0	2	2	42	41.5	100.0%
7/19/2021 3:00:00 AM	33.0	3	4	36	32.5	100.0%
7/19/2021 4:00:00 AM	38.0	3	4	49	40.2	75.0%
7/19/2021 5:00:00 AM	36.0	5	6	37	35.3	66.7%
7/19/2021 6:00:00 AM	39.7	15	18	44	36.9	100.0%
7/19/2021 7:00:00 AM	41.8	41	48	50	38.2	100.0%
7/19/2021 8:00:00 AM	43.0	44	52	49	38.3	98.1%
7/19/2021 9:00:00 AM	41.3	72	85	49	37.3	95.3%
7/19/2021 10:00:00 AM	42.3	53	62	51	36.9	100.0%
7/19/2021 11:00:00 AM	43.7	51	60	48	37.9	88.3%
7/19/2021 12:00:00 PM	42.0	59	69	53	38.0	91.3%
7/19/2021 1:00:00 PM	45.4	67	79	53	39.5	96.2%
7/19/2021 2:00:00 PM	42.3	60	71	51	37.8	87.3%
7/19/2021 3:00:00 PM	42.5	61	72	50	38.7	91.7%
7/19/2021 4:00:00 PM	41.7	66	78	44	38.1	87.2%
7/19/2021 5:00:00 PM	42.5	112	132	47	37.8	94.7%
7/19/2021 6:00:00 PM	45.0	97	114	56	39.2	96.5%
7/19/2021 7:00:00 PM	41.5	71	84	51	37.7	90.5%
7/19/2021 8:00:00 PM	44.5	57	67	53	39.7	95.5%
7/19/2021 9:00:00 PM	41.8	48	56	70	38.4	85.7%
7/19/2021 10:00:00 PM	41.3	21	25	47	38.0	88.0%
7/19/2021 11:00:00 PM	39.7	16	19	50	37.3	84.2%

7/20/2021 12:00:00 AM	42.0	7	8	47	39.6	100.0%
7/20/2021 1:00:00 AM	44.0	5	6	52	40.3	100.0%
7/20/2021 2:00:00 AM	33.0	3	4	37	32.8	100.0%
7/20/2021 3:00:00 AM	41.0	2	2	41	40.5	50.0%
7/20/2021 4:00:00 AM	47.0	2	2	47	39.0	100.0%
7/20/2021 5:00:00 AM	44.0	2	2	44	37.0	100.0%
7/20/2021 6:00:00 AM	41.0	19	22	44	37.7	95.5%
7/20/2021 7:00:00 AM	42.0	51	60	51	38.5	91.7%
7/20/2021 8:00:00 AM	41.5	67	79	51	37.6	94.9%
7/20/2021 9:00:00 AM	43.0	62	73	53	38.7	95.9%
7/20/2021 10:00:00 AM	41.5	58	68	47	37.8	92.6%
7/20/2021 11:00:00 AM	42.5	67	79	48	37.6	94.9%
7/20/2021 12:00:00 PM	42.3	76	89	57	37.8	93.3%
7/20/2021 1:00:00 PM	44.3	65	76	49	38.6	92.1%
7/20/2021 2:00:00 PM	41.7	65	77	49	38.2	97.4%
7/20/2021 3:00:00 PM	43.3	73	86	50	38.8	91.9%
7/20/2021 4:00:00 PM	42.6	105	124	48	38.3	93.5%
7/20/2021 5:00:00 PM	43.2	106	125	51	38.5	97.6%
7/20/2021 6:00:00 PM	44.9	87	102	48	39.6	94.1%
7/20/2021 7:00:00 PM	41.7	93	109	53	37.7	95.4%
7/20/2021 8:00:00 PM	42.0	56	66	49	38.5	95.5%
7/20/2021 9:00:00 PM	41.7	39	46	49	36.8	93.5%
7/20/2021 10:00:00 PM	42.0	27	32	50	38.5	96.9%
7/20/2021 11:00:00 PM	42.5	20	23	50	38.0	95.7%
7/21/2021 12:00:00 AM	44.0	5	6	54	40.5	100.0%
7/21/2021 1:00:00 AM	42.5	16	19	48	40.5	52.6%
7/21/2021 2:00:00 AM		**No Data**				
7/21/2021 3:00:00 AM	39.0	3	4	41	38.5	75.0%
7/21/2021 4:00:00 AM	42.0	2	2	42	41.5	50.0%
7/21/2021 5:00:00 AM	39.0	5	6	55	39.3	83.3%
7/21/2021 6:00:00 AM	41.0	20	23	48	38.2	95.7%
7/21/2021 7:00:00 AM	41.0	42	50	49	37.6	100.0%
7/21/2021 8:00:00 AM	42.3	57	67	49	37.1	98.5%
7/21/2021 9:00:00 AM	44.0	63	74	50	38.3	91.9%

7/21/2021 10:00:00 AM	42.8	62	73	52	37.5	98.6%
7/21/2021 11:00:00 AM	42.0	65	76	48	37.7	96.1%
7/21/2021 12:00:00 PM	42.0	54	64	51	37.9	96.9%
7/21/2021 1:00:00 PM	42.6	75	88	51	38.7	90.9%
7/21/2021 2:00:00 PM	42.5	71	83	47	37.7	92.8%
7/21/2021 3:00:00 PM	43.5	78	92	56	38.8	95.7%
7/21/2021 4:00:00 PM	42.7	86	101	51	38.5	90.1%
7/21/2021 5:00:00 PM	44.0	98	115	51	39.1	97.4%
7/21/2021 6:00:00 PM	44.1	97	114	51	39.1	93.9%
7/21/2021 7:00:00 PM	43.0	74	87	47	37.8	94.3%
7/21/2021 8:00:00 PM	43.0	55	65	52	38.5	98.5%
7/21/2021 9:00:00 PM	40.5	43	51	54	36.6	90.2%
7/21/2021 10:00:00 PM	43.0	32	38	57	38.1	89.5%
7/21/2021 11:00:00 PM	42.5	20	24	46	38.5	95.8%
7/22/2021 12:00:00 AM	41.5	13	15	51	37.9	100.0%
7/22/2021 1:00:00 AM	40.0	3	4	41	38.0	100.0%
7/22/2021 2:00:00 AM		**No Data**				
7/22/2021 3:00:00 AM	52.0	2	2	52	51.5	50.0%
7/22/2021 4:00:00 AM	37.0	3	4	39	35.2	75.0%
7/22/2021 5:00:00 AM	35.0	3	4	42	36.5	75.0%
7/22/2021 6:00:00 AM	41.5	18	21	48	37.9	95.2%
7/22/2021 7:00:00 AM	43.3	49	58	54	38.2	96.6%
7/22/2021 8:00:00 AM	43.3	73	86	54	38.6	96.5%
7/22/2021 9:00:00 AM	42.4	71	83	48	37.6	94.0%
7/22/2021 10:00:00 AM	41.0	48	56	47	37.1	98.2%
7/22/2021 11:00:00 AM	42.0	54	64	48	37.6	89.1%
7/22/2021 12:00:00 PM	41.1	73	86	48	37.1	86.0%
7/22/2021 1:00:00 PM	40.0	17	20	54	38.7	85.0%

85th percentile speeds, counts and total counts by day:

Date/Time Ending	85th pctl(mph)	85th pctl counts	Total	Max Speed	Avg Speeder	% Speeders
7/15/2021 12:00:00 AM	42.4	410	482	53	38.2	92.1%
7/16/2021 12:00:00 AM	42.5	1111	1307	68	38.1	94.3%

