



Route Optimization Analysis Report

Generated on: 7/3/2025 at 10:57:13 AM

Overall Summary

Metric	Value
Total Routes	87
Unassigned Trips	49
Total Trips	1218
Total Miles	11050
Total Revenue Miles	7904
Total Empty Miles	5288
Average Load %	7.65%
Total Ambulatory Passengers	1340
Total WC Passengers	179
Total Passengers	1519
Overall Passengers per Hour	1.71
Average Miles per Route	127
Average Passengers per Route	17

Route Details

Vehicle	Start	End	Miles	Rev Miles	Empty	Load%	Pax	Pax/Hr	Total Duration	Wait Time
2638 (3A/1W)	06:54	18:00	132	38	103	7.16%	13A/2W	1.35	11:06	2:33
2591 (3A/1W)	08:03	19:20	124	69	76	13.91%	12A/4W	1.42	11:17	3:32
2639 (3A/1W)	07:33	17:56	112	85	46	19%	16A/3W	1.83	10:22	1:46
2634 (3A/1W)	07:38	17:49	134	117	53	21.75%	18A/3W	2.06	10:10	0:48
2590 (3A/1W)	07:12	18:09	146	44	110	7.6%	12A/0W	1.1	10:57	2:00
2462 (8A/2W)	08:13	18:25	117	58	66	4.97%	8A/0W	0.78	10:11	3:36
2605 (8A/2W)	07:59	18:47	125	107	40	8.61%	21A/3W	2.22	10:48	2:10
2563 (8A/2W)	07:27	17:10	118	85	59	7.2%	12A/8W	2.06	9:43	2:10
2429 (8A/2W)	07:40	18:41	157	121	78	7.72%	20A/0W	1.82	11:01	1:45
2466 (8A/2W)	07:32	18:15	122	85	54	6.95%	14A/2W	1.49	10:42	2:26
2427 (8A/2W)	07:53	18:25	133	80	70	6.05%	14A/4W	1.71	10:31	0:49
2431 (8A/2W)	08:31	19:09	77	54	42	7.04%	9A/2W	1.03	10:38	5:08
2509 (14A/2W)	07:56	19:56	142	147	65	6.51%	19A/2W	1.75	11:59	2:38
2440 (8A/2W)	07:09	17:14	132	193	29	14.63%	26A/2W	2.78	10:05	2:42
2436 (8A/2W)	07:57	18:27	142	77	74	5.45%	16A/0W	1.52	10:29	1:16
2460 (8A/2W)	07:47	19:10	137	57	90	4.15%	12A/2W	1.23	11:23	1:24
2607 (8A/2W)	07:45	18:28	86	107	39	12.37%	18A/6W	2.24	10:43	4:12
2433 (8A/2W)	07:59	19:52	104	49	61	4.68%	16A/0W	1.35	11:53	3:33
2468 (8A/2W)	07:30	15:18	94	79	34	8.38%	15A/0W	1.92	7:48	0:24
2555 (8A/2W)	07:55	18:34	149	160	52	10.77%	23A/0W	2.16	10:39	2:01
2438 (8A/2W)	07:57	19:56	152	97	71	6.42%	18A/4W	1.84	11:58	1:25
2434 (8A/2W)	07:44	16:32	126	43	83	3.42%	11A/2W	1.48	8:47	0:19
2435 (8A/2W)	07:32	18:50	130	148	36	11.41%	22A/0W	1.95	11:18	2:33
2510 (14A/2W)	07:45	19:42	175	103	83	3.66%	16A/0W	1.34	11:56	2:43

Route Details (Page 2)

Vehicle	Start	End	Miles	Rev Miles	Empty	Load%	Pax	Pax/Hr	Total Duration	Wait Time
2557 (8A/2W)	07:24	16:53	154	90	71	5.81%	13A/4W	1.79	9:29	1:15
2471 (8A/2W)	07:28	17:01	153	115	58	7.48%	17A/5W	2.31	9:32	0:41
2397 (8A/2W)	07:48	19:39	156	138	63	8.86%	20A/4W	2.03	11:50	2:22
2467 (8A/2W)	07:26	18:50	83	56	34	6.7%	8A/0W	0.7	11:23	6:20
2439 (8A/2W)	08:45	17:48	143	237	34	16.55%	17A/6W	2.54	9:02	2:26
2641 (8A/2W)	08:15	15:54	70	76	24	10.95%	14A/2W	2.09	7:38	2:10
2553 (8A/2W)	06:38	16:06	136	143	46	10.46%	25A/0W	2.64	9:27	0:16
2560 (8A/2W)	08:31	18:37	136	58	87	4.28%	10A/4W	1.39	10:05	2:37
2625 (8A/2W)	07:46	17:25	122	58	75	4.77%	10A/7W	1.76	9:39	0:33
2478 (8A/2W)	07:48	17:13	134	11	122	0.84%	8A/0W	0.85	9:24	1:06
2475 (8A/2W)	07:45	18:49	147	66	95	4.46%	10A/3W	1.17	11:03	2:32
2556 (8A/2W)	07:57	19:48	124	61	74	4.91%	14A/5W	1.6	11:51	2:43
2624 (8A/2W)	07:49	19:00	124	62	68	5.01%	14A/0W	1.25	11:11	3:33
2569 (8A/2W)	07:36	16:20	130	57	82	4.34%	14A/0W	1.6	8:44	1:12
2551 (8A/2W)	07:42	19:18	133	76	72	5.67%	13A/2W	1.29	11:35	3:37
2554 (8A/2W)	08:32	16:29	157	128	51	8.14%	14A/0W	1.76	7:56	0:30
2606 (8A/2W)	07:37	16:23	100	51	66	5.09%	8A/6W	1.6	8:46	1:19
2457 (8A/2W)	07:42	17:46	126	126	56	10.05%	20A/2W	2.18	10:04	1:38
2458 (8A/2W)	07:45	19:03	123	124	52	10.11%	26A/3W	2.57	11:17	2:13
2393 (8A/2W)	08:30	19:08	148	98	66	6.65%	14A/0W	1.32	10:38	0:51
2473 (8A/2W)	07:46	18:07	127	68	73	5.34%	19A/2W	2.03	10:21	2:31
2568 (8A/2W)	07:50	16:48	138	59	79	4.29%	9A/0W	1.01	8:57	0:57
2461 (8A/2W)	07:09	17:44	90	54	43	6.03%	14A/0W	1.32	10:34	4:21
2390 (8A/2W)	07:55	19:27	159	168	38	10.54%	26A/2W	2.43	11:31	0:31
2464 (8A/2W)	08:16	19:10	120	98	41	8.19%	20A/3W	2.11	10:54	3:04
2566 (8A/2W)	08:07	17:47	125	155	34	12.44%	23A/2W	2.59	9:39	1:27
2474 (8A/2W)	08:04	16:40	159	102	87	6.46%	8A/6W	1.63	8:35	0:37
2469 (8A/2W)	07:48	19:41	101	65	37	6.43%	10A/2W	1.01	11:53	5:00
2565 (8A/2W)	07:24	16:28	98	69	42	7.05%	19A/2W	2.32	9:03	1:33
2463 (8A/2W)	07:26	19:01	161	98	78	6.07%	16A/2W	1.55	11:35	2:51
2479 (8A/2W)	07:52	19:39	149	127	53	8.48%	19A/2W	1.78	11:46	2:18
2396 (8A/2W)	07:01	17:20	180	190	69	10.54%	20A/2W	2.13	10:18	0:55

Route Details (Page 3)

Vehicle	Start	End	Miles	Rev Miles	Empty	Load%	Pax	Pax/Hr	Total Duration	Wait Time
2465 (8A/2W)	07:36	19:28	168	71	108	4.23%	16A/2W	1.52	11:51	1:32
2508 (14A/2W)	07:20	18:09	104	65	55	3.89%	10A/4W	1.29	10:49	4:27
2395 (8A/2W)	07:04	18:53	173	91	93	5.23%	15A/0W	1.27	11:49	2:10
2511 (14A/2W)	07:41	16:59	119	82	70	4.29%	17A/0W	1.83	9:18	0:16
2517 (14A/2W)	07:36	18:58	121	83	67	4.29%	21A/2W	2.02	11:21	3:07
2391 (8A/2W)	07:18	13:46	85	30	59	3.57%	12A/0W	1.86	6:27	0:23
2348 (4A/0W)	08:17	19:40	104	86	39	20.82%	12A/0W	1.05	11:23	5:30
2349 (4A/0W)	07:41	15:28	86	36	50	10.45%	8A/0W	1.03	7:46	1:51
2351 (4A/0W)	07:29	15:47	109	33	82	7.56%	8A/0W	0.97	8:17	1:11
2423 (8A/2W)	07:46	16:57	98	53	52	5.44%	14A/3W	1.85	9:11	0:36
2503 (8A/2W)	07:32	18:47	145	105	50	7.26%	19A/7W	2.31	11:14	1:25
2601 (8A/2W)	07:56	15:53	113	81	32	7.16%	10A/0W	1.26	7:57	0:50
2571 (8A/2W)	08:59	19:41	77	78	30	10.11%	18A/0W	1.68	10:41	4:00
2499 (8A/2W)	07:56	18:40	99	183	21	18.41%	27A/0W	2.52	10:43	2:13
2487 (8A/2W)	07:43	16:04	103	69	57	6.67%	20A/0W	2.39	8:21	0:07
2489 (8A/2W)	07:46	19:18	189	100	111	5.26%	18A/2W	1.73	11:32	0:59
2421 (8A/2W)	09:02	16:14	54	45	21	8.3%	8A/4W	1.67	7:11	1:28
2603 (8A/2W)	07:50	19:00	192	218	42	11.37%	18A/2W	1.79	11:10	2:59
2573 (8A/2W)	07:27	19:08	198	148	83	7.47%	18A/3W	1.8	11:40	1:05
2495 (8A/2W)	08:27	18:36	124	86	71	6.89%	20A/2W	2.17	10:09	1:30
2493 (8A/2W)	07:48	15:36	92	53	51	5.84%	17A/0W	2.18	7:48	0:09
2494 (8A/2W)	08:06	15:25	93	49	49	5.25%	16A/0W	2.19	7:18	1:11
2602 (8A/2W)	07:58	14:53	127	96	53	7.51%	12A/2W	2.02	6:54	0:00

Vehicle Capacity Summary

Vehicle ID	Ambulatory Slots	WC Slots	Total Capacity
2348	4	0	4
2349	4	0	4
2351	4	0	4
2390	8	2	10
2391	8	2	10
2393	8	2	10
2395	8	2	10
2396	8	2	10
2397	8	2	10
2421	8	2	10
2423	8	2	10
2427	8	2	10
2429	8	2	10
2431	8	2	10
2433	8	2	10
2434	8	2	10
2435	8	2	10
2436	8	2	10
2437	8	2	10
2438	8	2	10
2439	8	2	10
2440	8	2	10
2457	8	2	10
2458	8	2	10
2460	8	2	10
2461	8	2	10
2462	8	2	10
2463	8	2	10
2464	8	2	10
2465	8	2	10
2466	8	2	10
2467	8	2	10
2468	8	2	10
2469	8	2	10
2471	8	2	10
2472	8	2	10
2473	8	2	10
2474	8	2	10
2475	8	2	10
2476	8	2	10
2478	8	2	10
2479	8	2	10
2487	8	2	10
2489	8	2	10
2493	8	2	10
2494	8	2	10
2495	8	2	10
2499	8	2	10
2503	8	2	10
2507	14	2	16
2508	14	2	16
2509	14	2	16
2510	14	2	16
2511	14	2	16
2517	14	2	16
2551	8	2	10
2553	8	2	10
2554	8	2	10
2555	8	2	10

