
















































































Own Network Dataset w/o Barriers


























Route: Route1

	8:00 AM	Start at Depot Time Window: 3/26/2021 8:00 AM - 3/26/2021 5:00 PM	
	8:00 AM	Go east on Lone Oak toward Vince / Timberwood	0.2 mi ~ < 1 min
	8:00 AM	Turn left on Pilot Knob	1.7 mi ~ 2 min
	8:02 AM	Turn right on 13	0.2 mi ~ < 1 min
	8:02 AM	Turn left on 55	1.8 mi ~ 2 min
	8:04 AM	Turn right on 5, then turn left on 55	456 ft ~ < 1 min
	8:05 AM	Continue forward on Ramp	0.4 mi ~ < 1 min
	8:05 AM	Continue forward on 55	0.3 mi ~ < 1 min
	8:05 AM	Continue forward on 62	0.1 mi ~ < 1 min
	8:05 AM	Turn right on Minnehaha	273 ft ~ < 1 min
	8:05 AM	Continue forward on 55	0.4 mi ~ < 1 min
	8:06 AM	Continue forward on Hiawatha	3.6 mi ~ 5 min
	8:11 AM	Turn left on Lake	1.1 mi ~ 2 min
	8:14 AM	Arrive at Brewery4, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	8:14 AM	Depart Brewery4	
	8:14 AM	Continue west on Lake	0.3 mi ~ < 1 min
	8:14 AM	Turn right on Portland	0.5 mi ~ < 1 min
	8:15 AM	Turn left on 26th	0.1 mi ~ < 1 min
	8:15 AM	Make a sharp right on 35W	0.1 mi ~ < 1 min
	8:15 AM	Bear left on 65	0.6 mi ~ < 1 min
	8:16 AM	Turn left on 94	1.4 mi ~ 2 min
	8:18 AM	Turn left on Dunwoody, then turn right on Ramp	0.5 mi ~ < 1 min
	8:18 AM	Continue forward on HOV/HOT reversible lane	2.0 mi ~ 2 min
	8:20 AM	Continue forward on Ramp	0.5 mi ~ < 1 min
	8:21 AM	Turn right on Wayzata, then turn left on 100	0.5 mi ~ < 1 min
	8:21 AM	Turn right on Cedar Lake	0.2 mi ~ < 1 min

	8:21 AM	Arrive at Brewery1, on the left Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	8:21 AM	Depart Brewery1	
	8:21 AM	Go back southeast on Cedar Lake	0.2 mi ~ < 1 min
	8:22 AM	Turn left on 100	0.5 mi ~ < 1 min
	8:22 AM	Turn right on Wayzata, then turn left on Ramp	0.5 mi ~ < 1 min
	8:23 AM	Continue forward on HOV/HOT reversible lane	2.0 mi ~ 2 min
	8:25 AM	Continue forward on Ramp	0.4 mi ~ < 1 min
	8:25 AM	Turn left on 94	0.6 mi ~ < 1 min
	8:26 AM	Turn right on Olson Memorial	0.1 mi ~ < 1 min
	8:26 AM	Turn left on Oak Lake	0.1 mi ~ < 1 min
	8:26 AM	Turn right on 8th	0.2 mi ~ < 1 min
	8:27 AM	Bear right on 5th	249 ft ~ < 1 min
	8:27 AM	Arrive at Brewery3, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	8:27 AM	Depart Brewery3	
	8:27 AM	Continue southeast on 5th	0.4 mi ~ < 1 min
	8:28 AM	Turn left on 394	315 ft ~ < 1 min
	8:28 AM	Bear right on Ramp	171 ft ~ < 1 min
	8:28 AM	Bear right on 4th	1.3 mi ~ 2 min
	8:30 AM	Turn left on 35W	1.6 mi ~ 2 min
	8:32 AM	Bear right on Johnson	94 ft ~ < 1 min
	8:32 AM	Bear left on 35W	1.1 mi ~ 1 min
	8:33 AM	Turn right on Stinson	0.2 mi ~ < 1 min
	8:33 AM	Turn left on Broadway	0.2 mi ~ < 1 min
	8:34 AM	Turn right on Harding	209 ft ~ < 1 min
	8:34 AM	Arrive at Brewery5, on the left Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	8:34 AM	Depart Brewery5	


	8:34 AM	Go back north on Harding	209 ft	~ < 1 min
	8:34 AM	Turn right on Broadway	0.5 mi	~ < 1 min
	8:35 AM	Turn left on Industrial	0.2 mi	~ < 1 min
	8:35 AM	Turn right on 35W	0.5 mi	~ < 1 min
	8:36 AM	Turn left on 280, then turn right on 35W	0.5 mi	~ < 1 min
	8:36 AM	Continue forward on 36	0.3 mi	~ < 1 min
	8:37 AM	Bear left on 35W	5.7 mi	~ 6 min
	8:43 AM	Turn left on NB I35W to Mounds View Blvd	0.3 mi	~ < 1 min
	8:43 AM	Continue forward on Mounds View	2.3 mi	~ 3 min
	8:46 AM	Continue forward on County Road 10	0.6 mi	~ < 1 min
	8:46 AM	Make a sharp right on Highway 65	0.3 mi	~ < 1 min
	8:47 AM	Continue forward on Central	0.6 mi	~ < 1 min
	8:47 AM	Turn left on Highway 10	7.0 mi	~ 6 min
	8:54 AM	Bear left on Main	0.5 mi	~ < 1 min
	8:54 AM	Turn right on Riverdale	357 ft	~ < 1 min
	8:55 AM	Arrive at Brewery8, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM		
	8:55 AM	Depart Brewery8		
	8:55 AM	Go back south on Riverdale	357 ft	~ < 1 min
	8:55 AM	Turn right on Main	2.1 mi	~ 3 min
	8:58 AM	Turn left on Ferry	0.5 mi	~ 1 min
	8:59 AM	Continue forward on 169	0.2 mi	~ < 1 min
	8:59 AM	Turn right on Dayton	0.4 mi	~ < 1 min
	9:00 AM	Turn left on French Lake	0.6 mi	~ < 1 min
	9:01 AM	Turn right at Elm Creek / Brookside to stay on French Lake	0.4 mi	~ < 1 min
	9:02 AM	Continue forward on 129th	1.9 mi	~ 2 min
	9:04 AM	Continue forward on Fernbrook	3.5 mi	~ 4 min
	9:08 AM	Turn right on 610	0.2 mi	~ < 1 min

	9:08 AM	Continue forward on Ramp	0.4 mi ~ < 1 min
	9:08 AM	Turn left on Maple Grove	0.1 mi ~ < 1 min
	9:09 AM	Turn right on 99th, then turn left on Maple Grove	116 ft ~ < 1 min
	9:09 AM	Turn right on Grove	0.3 mi ~ < 1 min
	9:09 AM	Turn left on Hospital	0.1 mi ~ < 1 min
	9:09 AM	Arrive at Brewery9, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	9:09 AM	Depart Brewery9	
	9:09 AM	Continue southeast on Hospital	0.1 mi ~ < 1 min
	9:10 AM	Turn right on Maple Grove	0.3 mi ~ < 1 min
	9:10 AM	Turn left on Grove, then turn right on Maple Grove	0.1 mi ~ < 1 min
	9:10 AM	Make a sharp left on 94	3.2 mi ~ 3 min
	9:13 AM	Continue forward on 694	3.7 mi ~ 4 min
	9:17 AM	Turn right on 81	3.6 mi ~ 5 min
	9:22 AM	Make a sharp right on Lake	190 ft ~ < 1 min
	9:22 AM	Continue forward on 42nd	201 ft ~ < 1 min
	9:22 AM	Make a sharp left on West Broadway	250 ft ~ < 1 min
	9:22 AM	Arrive at Brewery6, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	9:22 AM	Depart Brewery6	
	9:22 AM	Continue southeast on West Broadway	0.1 mi ~ < 1 min
	9:22 AM	Turn left on 41st	380 ft ~ < 1 min
	9:22 AM	Turn right on 81	1.2 mi ~ 2 min
	9:24 AM	Turn right on Abbott	0.1 mi ~ < 1 min
	9:24 AM	Make a sharp left on Oakdale	0.1 mi ~ < 1 min
	9:24 AM	Arrive early at Brewery10, on the right Time Window: 3/26/2021 10:00 AM - 3/26/2021 11:00 AM Wait Time: 36 min	
	10:00 AM	Depart Brewery10	
	10:00 AM	Continue east on Oakdale	0.1 mi ~ < 1 min

	10:00 AM	Bear right on 81	100 ft ~ < 1 min
	10:00 AM	Continue forward on West Broadway	0.8 mi ~ 1 min
	10:02 AM	Turn right on Penn	1.6 mi ~ 3 min
	10:05 AM	Turn right on Glenwood	331 ft ~ < 1 min
	10:05 AM	Turn left on Queen, then turn right on Inglewood	0.2 mi ~ < 1 min
	10:05 AM	Turn right on Thomas	22 ft ~ < 1 min
	10:05 AM	Arrive at Brewery2, on the left Time Window: 3/26/2021 10:00 AM - 3/26/2021 11:00 AM	
	10:05 AM	Depart Brewery2	
	10:05 AM	Go back southeast on Thomas	22 ft ~ < 1 min
	10:05 AM	Turn left on Inglewood	0.2 mi ~ < 1 min
	10:06 AM	Turn left on Queen, then turn right on Glenwood	1.1 mi ~ 2 min
	10:08 AM	Turn right on 94	2.8 mi ~ 3 min
	10:11 AM	Bear right on Ramp	358 ft ~ < 1 min
	10:11 AM	Continue forward on Hiawatha	4.9 mi ~ 7 min
	10:18 AM	Continue forward on 55	0.4 mi ~ < 1 min
	10:19 AM	Continue forward on Minnehaha	273 ft ~ < 1 min
	10:19 AM	Turn left on 62	0.1 mi ~ < 1 min
	10:19 AM	Continue forward on 55	0.3 mi ~ < 1 min
	10:19 AM	Continue forward on Ramp	0.4 mi ~ < 1 min
	10:20 AM	Continue forward on 55	422 ft ~ < 1 min
	10:20 AM	Turn right on 5, then turn left on 55	1.8 mi ~ 2 min
	10:22 AM	Turn right on 13	0.2 mi ~ < 1 min
	10:22 AM	Turn left on Pilot Knob	1.7 mi ~ 2 min
	10:24 AM	Turn right on Lone Oak	0.2 mi ~ < 1 min
	10:24 AM	Finish at Depot, on the left Time Window: 3/26/2021 8:00 AM - 3/26/2021 5:00 PM	

Total Time: 2 hr 24 min
Total Distance: 86 mi
Total Wait Time: 36 min
Start Time: 3/26/2021 8:00 AM
Finish Time: 3/26/2021 10:24 AM


Route: Route2



8:00 AM

Start at Depot


Time Window: 3/26/2021 8:00 AM - 3/26/2021 5:00 PM



8:00 AM

Go west on Lone Oak toward Woodlark


0.6 mi ~ < 1 min



8:01 AM

Make a sharp right on Sibley Memorial


1.0 mi ~ 1 min



8:02 AM

Make a sharp left on 494


4.0 mi ~ 4 min



8:06 AM

Turn left on 12th, then turn left on 78th


0.1 mi ~ < 1 min



8:06 AM


Arrive at Brewery7, on the right

Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM



8:06 AM


Depart Brewery7



8:06 AM

Go back west on 78th


0.1 mi ~ < 1 min



8:06 AM

Turn right on 12th, then turn right on 494


4.0 mi ~ 4 min



8:10 AM

Make a sharp right on Sibley Memorial


1.0 mi ~ 1 min



8:11 AM

Make a sharp left on Lone Oak

0.6 mi ~ < 1 min



8:12 AM



























Finish at Depot, on the right




























Time Window: 3/26/2021 8:00 AM - 3/26/2021 5:00 PM



























Total Time: 12 min
Total Distance: 11 mi
Start Time: 3/26/2021 8:00 AM
Finish Time: 3/26/2021 8:12 AM



























Own Network Dataset w/ Barriers



























Route: Route1

	8:00 AM	Start at Depot Time Window: 3/26/2021 8:00 AM - 3/26/2021 5:00 PM	
	8:00 AM	Go east on Lone Oak toward Vince / Timberwood	0.2 mi ~ < 1 min
	8:00 AM	Turn left on Pilot Knob	1.7 mi ~ 2 min
	8:02 AM	Turn right on 13	0.2 mi ~ < 1 min
	8:02 AM	Turn left on 55	1.8 mi ~ 2 min
	8:04 AM	Turn right on 5, then turn left on 55	456 ft ~ < 1 min
	8:05 AM	Continue forward on Ramp	0.4 mi ~ < 1 min
	8:05 AM	Continue forward on 55	0.3 mi ~ < 1 min
	8:05 AM	Continue forward on 62	0.1 mi ~ < 1 min
	8:05 AM	Turn right on Minnehaha	273 ft ~ < 1 min
	8:05 AM	Continue forward on 55	0.4 mi ~ < 1 min
	8:06 AM	Continue forward on Hiawatha	3.6 mi ~ 5 min
	8:11 AM	Turn left on Lake	1.1 mi ~ 2 min
	8:14 AM	Arrive at Brewery4, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	8:14 AM	Depart Brewery4	
	8:14 AM	Go back east on Lake	0.1 mi ~ < 1 min
	8:14 AM	Turn left on 11th	0.2 mi ~ < 1 min
	8:14 AM	Turn right on 28th	327 ft ~ < 1 min
	8:14 AM	Turn left on 12th	0.4 mi ~ < 1 min
	8:15 AM	Turn right on 25th	329 ft ~ < 1 min
	8:15 AM	Turn left on 13th	0.2 mi ~ < 1 min
	8:16 AM	Turn right on 23rd	338 ft ~ < 1 min
	8:16 AM	Turn left on 14th	0.2 mi ~ < 1 min
	8:16 AM	Turn right on Franklin	0.3 mi ~ < 1 min
	8:17 AM	Make a sharp left on Hiawatha	0.4 mi ~ < 1 min
	8:17 AM	Turn right on 35W	0.2 mi ~ < 1 min





	8:17 AM	Turn right on Ramp, then make a sharp left on Ramp	0.2 mi	~ < 1 min
	8:18 AM	Turn right on 122	280 ft	~ < 1 min
	8:18 AM	Turn left on Ramp, then turn right on 122	0.2 mi	~ < 1 min
	8:18 AM	Turn left on 19th	0.4 mi	~ < 1 min
	8:19 AM	Continue forward on 10th	0.8 mi	~ 2 min
	8:21 AM	Continue forward on 11th	0.1 mi	~ < 1 min
	8:21 AM	Turn right on Talmage	319 ft	~ < 1 min
	8:21 AM	Turn left on 12th	0.1 mi	~ < 1 min
	8:21 AM	Turn right on Hennepin	0.4 mi	~ < 1 min
	8:22 AM	Turn left on Stinson	0.3 mi	~ < 1 min
	8:22 AM	Turn right on Kennedy	0.1 mi	~ < 1 min
	8:23 AM	Turn left on Taft	0.1 mi	~ < 1 min
	8:23 AM	Turn right on Summer	0.1 mi	~ < 1 min
	8:23 AM	Turn left on Harding	453 ft	~ < 1 min
	8:23 AM	Arrive at Brewery5, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM		
	8:23 AM	Depart Brewery5		
	8:23 AM	Go back south on Harding	453 ft	~ < 1 min
	8:23 AM	Turn right on Summer	0.1 mi	~ < 1 min
	8:24 AM	Turn left on Taft	0.1 mi	~ < 1 min
	8:24 AM	Turn right on Kennedy	0.1 mi	~ < 1 min
	8:24 AM	Turn left on Stinson	0.3 mi	~ < 1 min
	8:25 AM	Turn right on Hennepin	0.4 mi	~ < 1 min
	8:25 AM	Turn left on 12th	0.1 mi	~ < 1 min
	8:26 AM	Turn right on Talmage	319 ft	~ < 1 min
	8:26 AM	Turn left on 11th	0.1 mi	~ < 1 min
	8:26 AM	Continue forward on 10th	0.8 mi	~ 2 min
	8:28 AM	Continue forward on 19th	0.4 mi	~ < 1 min

	8:28 AM	Turn right on 122	0.2 mi ~ < 1 min
	8:29 AM	Turn left on Ramp, then turn right on 122	321 ft ~ < 1 min
	8:29 AM	Turn left on Ramp	0.2 mi ~ < 1 min
	8:29 AM	Make a sharp right to stay on Ramp	393 ft ~ < 1 min
	8:29 AM	Continue forward on 6th	1.0 mi ~ 2 min
	8:31 AM	Turn right on Nicollet	394 ft ~ < 1 min
	8:32 AM	Turn left on 5th	0.7 mi ~ 1 min
	8:33 AM	Arrive at Brewery3, on the left Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	8:33 AM	Depart Brewery3	
	8:33 AM	Go back southeast on 5th	0.4 mi ~ < 1 min
	8:34 AM	Make a sharp right on 394	0.5 mi ~ < 1 min
	8:35 AM	Bear right on Linden	183 ft ~ < 1 min
	8:35 AM	Continue forward on Ramp	0.2 mi ~ < 1 min
	8:35 AM	Turn left on 16th	222 ft ~ < 1 min
	8:35 AM	Turn right on Ramp	482 ft ~ < 1 min
	8:35 AM	Make a sharp right on Ramp, then make a sharp left on Ramp	268 ft ~ < 1 min
	8:35 AM	Turn right on 94	322 ft ~ < 1 min
	8:36 AM	Turn left on Ramp	0.4 mi ~ < 1 min
	8:36 AM	Continue forward on HOV/HOT reversible lane	2.0 mi ~ 2 min
	8:38 AM	Continue forward on Ramp	0.5 mi ~ < 1 min
	8:38 AM	Turn right on Wayzata, then turn left on 100	0.5 mi ~ < 1 min
	8:39 AM	Turn right on Cedar Lake	0.2 mi ~ < 1 min
	8:39 AM	Arrive at Brewery1, on the left Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	8:39 AM	Depart Brewery1	
	8:39 AM	Go back southeast on Cedar Lake	0.2 mi ~ < 1 min
	8:39 AM	Turn left on 100	5.3 mi ~ 5 min

	8:45 AM	Turn left on 81	9.3 mi ~ 11 min
	8:56 AM	Bear left on 610	0.5 mi ~ < 1 min
	8:57 AM	Continue forward on Ramp	0.4 mi ~ < 1 min
	8:57 AM	Turn left on Maple Grove	0.1 mi ~ < 1 min
	8:57 AM	Turn right on 99th, then turn left on Maple Grove	116 ft ~ < 1 min
	8:57 AM	Turn right on Grove	0.3 mi ~ < 1 min
	8:58 AM	Turn left on Hospital	0.1 mi ~ < 1 min
	8:58 AM	Arrive at Brewery9, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	8:58 AM	Depart Brewery9	
	8:58 AM	Go back northwest on Hospital	0.1 mi ~ < 1 min
	8:58 AM	Turn right on Grove	0.3 mi ~ < 1 min
	8:59 AM	Turn left on Maple Grove, then turn right on 99th	116 ft ~ < 1 min
	8:59 AM	Turn left on Maple Grove	0.1 mi ~ < 1 min
	8:59 AM	Turn right on Ramp	0.4 mi ~ < 1 min
	8:59 AM	Continue forward on 610	0.2 mi ~ < 1 min
	9:00 AM	Turn left on Fernbrook	3.5 mi ~ 4 min
	9:04 AM	Continue forward on 129th	1.9 mi ~ 2 min
	9:06 AM	Continue forward on French Lake	0.4 mi ~ < 1 min
	9:06 AM	Turn left at Elm Creek / Brookside to stay on French Lake	0.6 mi ~ < 1 min
	9:07 AM	Turn right on Dayton	0.4 mi ~ < 1 min
	9:08 AM	Turn left on 169	0.2 mi ~ < 1 min
	9:08 AM	Continue forward on Ferry	0.5 mi ~ 1 min
	9:09 AM	Turn right on Main	2.1 mi ~ 3 min
	9:13 AM	Turn left on Riverdale	357 ft ~ < 1 min
	9:13 AM	Arrive at Brewery8, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	9:13 AM	Depart Brewery8	

	9:13 AM	Go back south on Riverdale	357 ft ~ < 1 min
	9:13 AM	Turn right on Main	2.1 mi ~ 3 min
	9:16 AM	Turn left on Ferry	0.5 mi ~ 1 min
	9:17 AM	Continue forward on 169	6.1 mi ~ 7 min
	9:24 AM	Turn left on 81	5.4 mi ~ 6 min
	9:31 AM	Turn right on 100, then turn left on 81	0.4 mi ~ < 1 min
	9:31 AM	Make a sharp right on Lake	190 ft ~ < 1 min
	9:31 AM	Continue forward on 42nd	201 ft ~ < 1 min
	9:31 AM	Make a sharp left on West Broadway	250 ft ~ < 1 min
	9:31 AM	Arrive at Brewery6, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	9:31 AM	Depart Brewery6	
	9:31 AM	Continue southeast on West Broadway	0.1 mi ~ < 1 min
	9:32 AM	Turn left on 41st	380 ft ~ < 1 min
	9:32 AM	Turn right on 81	1.2 mi ~ 2 min
	9:34 AM	Turn right on Abbott	0.1 mi ~ < 1 min
	9:34 AM	Make a sharp left on Oakdale	0.1 mi ~ < 1 min
	9:34 AM	Arrive early at Brewery10, on the right Time Window: 3/26/2021 10:00 AM - 3/26/2021 11:00 AM Wait Time: 26 min	
	10:00 AM	Depart Brewery10	
	10:00 AM	Continue east on Oakdale	0.1 mi ~ < 1 min
	10:00 AM	Bear right on 81	100 ft ~ < 1 min
	10:00 AM	Continue forward on West Broadway	0.8 mi ~ 1 min
	10:02 AM	Turn right on Penn	1.6 mi ~ 3 min
	10:05 AM	Turn right on Glenwood	331 ft ~ < 1 min
	10:05 AM	Turn left on Queen, then turn right on Inglewood	0.2 mi ~ < 1 min
	10:05 AM	Turn right on Thomas	22 ft ~ < 1 min
	10:05 AM	Arrive at Brewery2, on the left Time Window: 3/26/2021 10:00 AM - 3/26/2021 11:00 AM	

	10:05 AM	Depart Brewery2	
	10:05 AM	Go back southeast on Thomas	22 ft ~ < 1 min
	10:05 AM	Turn left on Inglewood	0.2 mi ~ < 1 min
	10:06 AM	Turn right on Queen	448 ft ~ < 1 min
	10:06 AM	Turn left on 2nd	331 ft ~ < 1 min
	10:06 AM	Turn right on Penn	0.5 mi ~ 1 min
	10:07 AM	Turn left to stay on Penn	497 ft ~ < 1 min
	10:07 AM	Continue forward on Wayzata	50 ft ~ < 1 min
	10:07 AM	Turn left on HOV/HOT reversible lane	0.8 mi ~ < 1 min
	10:08 AM	Continue forward on Ramp	0.4 mi ~ < 1 min
	10:08 AM	Turn right on 94	322 ft ~ < 1 min
	10:08 AM	Turn left on Ramp	100 ft ~ < 1 min
	10:09 AM	Make a sharp right on Ramp, then make a sharp left on Ramp	0.1 mi ~ < 1 min
	10:09 AM	Turn left on 16th, then turn right on Hawthorne	0.2 mi ~ < 1 min
	10:09 AM	Turn right on 13th	380 ft ~ < 1 min
	10:09 AM	Turn left on Hennepin	0.4 mi ~ < 1 min
	10:10 AM	Turn right on 8th	1.3 mi ~ 2 min
	10:12 AM	Continue forward on Hiawatha	0.1 mi ~ < 1 min
	10:13 AM	Turn left on 94, then turn right on Hiawatha	4.6 mi ~ 7 min
	10:19 AM	Turn right on Minnehaha, then make a sharp left on Hiawatha	0.4 mi ~ < 1 min
	10:20 AM	Continue forward on 55	0.4 mi ~ < 1 min
	10:20 AM	Continue forward on Minnehaha	273 ft ~ < 1 min
	10:20 AM	Turn left on 62	0.1 mi ~ < 1 min
	10:20 AM	Continue forward on 55	0.3 mi ~ < 1 min
	10:21 AM	Continue forward on Ramp	0.4 mi ~ < 1 min
	10:21 AM	Continue forward on 55	422 ft ~ < 1 min
	10:21 AM	Turn right on 5, then turn left on 55	1.8 mi ~ 2 min

	10:23 AM	Turn right on 13	0.2 mi ~ < 1 min
	10:23 AM	Turn left on Pilot Knob	1.7 mi ~ 2 min
	10:26 AM	Turn right on Lone Oak	0.2 mi ~ < 1 min
	10:26 AM	Finish at Depot, on the left Time Window: 3/26/2021 8:00 AM - 3/26/2021 5:00 PM	

Total Time: 2 hr 26 min













Total Distance: 86 mi

Total Wait Time: 26 min

Start Time: 3/26/2021 8:00 AM

Finish Time: 3/26/2021 10:26 AM

Route: Route2

	8:00 AM	Start at Depot Time Window: 3/26/2021 8:00 AM - 3/26/2021 5:00 PM	
	8:00 AM	Go west on Lone Oak toward Woodlark	0.6 mi ~ < 1 min
	8:01 AM	Make a sharp right on Sibley Memorial	1.0 mi ~ 1 min
	8:02 AM	Make a sharp left on 494	4.0 mi ~ 4 min
	8:06 AM	Turn left on 12th, then turn left on 78th	0.1 mi ~ < 1 min
	8:06 AM	Arrive at Brewery7, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 6:00 PM	
	8:06 AM	Depart Brewery7	
	8:06 AM	Go back west on 78th	0.1 mi ~ < 1 min
	8:06 AM	Turn right on 12th, then turn right on 494	4.0 mi ~ 4 min
	8:10 AM	Make a sharp right on Sibley Memorial	1.0 mi ~ 1 min
	8:11 AM	Make a sharp left on Lone Oak	0.6 mi ~ < 1 min
	8:12 AM	Finish at Depot, on the right Time Window: 3/26/2021 8:00 AM - 3/26/2021 5:00 PM	

Total Time: 12 min

Total Distance: 11 mi



























Start Time: 3/26/2021 8:00 AM





Finish Time: 3/26/2021 8:12 AM

ESRI Network Dataset w/ Barriers

Route: Route7

	8:00 AM	Start at Depot Time Window: 3/26/2021 1:00 PM - 3/26/2021 10:00 PM	
	8:00 AM	Go east on Lone Oak Rd (CR-26)	1.0 mi ~ 2 min
	8:02 AM	At the traffic light, turn left	49 ft ~ < 1 min
	8:02 AM	Take the ramp and go on I-35E N 8:03 AM Keep left at the fork to stay on I-35E toward St Paul	8.3 mi ~ 11 min
	8:14 AM	Take the ramp on the right at exit 106C to 11th St toward State Capitol	0.4 mi ~ < 1 min
	8:14 AM	At the traffic light, continue forward on 11th St E 8:15 AM Cross over the railroad track	0.4 mi ~ 1 min
	8:16 AM	Take the ramp on the left and go on I-35E N	5.1 mi ~ 6 min
	8:22 AM	Bear right onto the ramp at exit 113-114 to I-694 W / US-10 W / I-694 E	0.3 mi ~ < 1 min
	8:22 AM	Keep left at the fork onto I-694 W / US-10	3.9 mi ~ 4 min
	8:26 AM	Take the ramp on the right at exit 42A and go on US-10 W toward Anoka	2.8 mi ~ 3 min
	8:29 AM	Continue forward on CR-10 W toward County 10	3.1 mi ~ 5 min
	8:34 AM	Take the ramp on the right to MN-65 N toward Cambridge	0.3 mi ~ < 1 min
	8:34 AM	Continue forward on MN-65 N (Central Ave NE)	0.8 mi ~ 1 min
	8:35 AM	At the traffic light, turn left	100 ft ~ < 1 min
	8:35 AM	Take the ramp and go on US-10 W	1.0 mi ~ 1 min
	8:37 AM	Keep left at the fork onto US-10 toward Anoka	5.5 mi ~ 5 min
	8:42 AM	Take the ramp on the right to CR-14 / Main St	0.3 mi ~ < 1 min
	8:42 AM	At the traffic light, turn left on Main St NW (CR-14 W)	0.6 mi ~ 1 min
	8:44 AM	At the traffic light, turn right on Riverdale Blvd NW	422 ft ~ < 1 min
	8:44 AM	Arrive at Brewery8, on the right Time Window: 3/26/2021 1:00 PM - 3/26/2021 11:00 PM	
	8:44 AM	Depart Brewery8	
	8:44 AM	Go north on Riverdale Blvd NW	336 ft ~ < 1 min
	8:44 AM	Make a U-turn and go back on Riverdale Blvd NW	0.2 mi ~ < 1 min
	8:45 AM	At the traffic light, turn right on Main St NW (CR-14 W)	2.1 mi ~ 5 min
	8:51 AM	At the traffic light, turn left on US-169 S (S Ferry St)	4.6 mi ~ 7 min
	8:58 AM	Take the ramp on the right and go on MN-610 W	3.9 mi ~ 4 min

	9:01 AM	Take the ramp on the right at exit 1 to Maple Grove Pkwy	0.3 mi ~ < 1 min
	9:02 AM	At the traffic light, turn left on Maple Grove Pkwy	0.6 mi ~ 1 min
	9:03 AM	At the traffic light, turn right on Hospital Dr	0.1 mi ~ < 1 min
	9:04 AM	Turn left	310 ft ~ < 1 min
	9:04 AM	Restriction: Through Traffic Prohibited	
	9:04 AM	Make a sharp left	151 ft ~ < 1 min
	9:04 AM	Turn left	220 ft ~ < 1 min
	9:04 AM	Arrive at Brewery9, on the left Time Window: 3/26/2021 1:00 PM - 3/26/2021 11:00 PM	
	9:04 AM	Depart Brewery9	
	9:04 AM	Continue east	7 ft ~ < 1 min
	9:04 AM	Turn right on Hospital Dr	0.1 mi ~ < 1 min
	9:05 AM	At the traffic light, turn left on Maple Grove Pkwy	0.4 mi ~ < 1 min
	9:06 AM	Turn right onto the ramp toward MN-610 E	3.8 mi ~ 4 min
	9:09 AM	Take the ramp on the right and go on US-169 S	1.2 mi ~ 1 min
	9:11 AM	Bear right onto the ramp to Bottineau Blvd (CR-81 S)	0.2 mi ~ < 1 min
	9:11 AM	Keep right at the fork onto CR-81 S / Bottineau Blvd	0.7 mi ~ 1 min
	9:12 AM	Continue forward on Bottineau Blvd (CR-81 S)	5.7 mi ~ 9 min
	9:21 AM	Turn right after the Pilgrim Dry Cleaners on 42nd Ave N (Lake Dr N)	404 ft ~ < 1 min
	9:21 AM	At the traffic light, turn left on W Broadway Ave	241 ft ~ < 1 min
	9:21 AM	Arrive at Brewery6, on the right Time Window: 3/26/2021 1:00 PM - 3/26/2021 11:00 PM	
	9:21 AM	Depart Brewery6	
	9:21 AM	Go back northwest on W Broadway Ave	241 ft ~ < 1 min
	9:22 AM	Turn right before the Shell on 42nd Ave N (Lake Dr N)	303 ft ~ < 1 min
	9:22 AM	Turn right after the Pilgrim Dry Cleaners on Bottineau Blvd (CR-81 S)	1.4 mi ~ 3 min
	9:24 AM	At the traffic light, turn right on Abbott Ave N	0.1 mi ~ < 1 min
	9:25 AM	At the stop sign, make a sharp left on Oakdale Ave N	0.1 mi ~ < 1 min
	9:25 AM	Arrive early at Brewery10, on the right Time Window: 3/26/2021 3:00 PM - 3/26/2021 4:00 PM	

	10:00 AM	Depart Brewery10	
	10:00 AM	Continue east on Oakdale Ave N	0.1 mi ~ < 1 min
	10:00 AM	Turn right on N Theodore Wirth Pkwy (Glenwood Pkwy)	0.1 mi ~ < 1 min
	10:01 AM	Turn left	42 ft ~ < 1 min
	10:01 AM	Take the ramp to W Broadway Ave (CR-81 S)	0.1 mi ~ < 1 min
	10:01 AM	Continue forward on W Broadway Ave (CR-81 S)	0.7 mi ~ 2 min
	10:03 AM	At the traffic light, turn right on N Penn Ave (CR-2)	1.6 mi ~ 5 min
	10:07 AM	At the traffic light, turn right on Glenwood Ave (CR-40)	0.2 mi ~ < 1 min
	10:08 AM	Turn left on N Thomas Ave	376 ft ~ < 1 min
	10:08 AM	Arrive at Brewery2, on the right Time Window: 3/26/2021 3:00 PM - 3/26/2021 4:00 PM	
	10:08 AM	Depart Brewery2	
	10:08 AM	Go back northwest on N Thomas Ave	376 ft ~ < 1 min
	10:09 AM	Turn right on Glenwood Ave (CR-40)	0.2 mi ~ < 1 min
	10:09 AM	At the traffic light, turn right on N Penn Ave (CR-2)	0.8 mi ~ 2 min
	10:11 AM	At the traffic light, turn left	45 ft ~ < 1 min
	10:11 AM	Take the ramp and go on I-394 E (US-12 E)	2.0 mi ~ 3 min
	10:13 AM	Keep left at the fork to stay on I-394 toward Downtown	
	10:15 AM	Take the ramp to N 4th St	495 ft ~ < 1 min
	10:15 AM	At the traffic light, bear right on N 4th St	1.1 mi ~ 5 min
	10:19 AM	Cross over the railroad track	
	10:20 AM	Continue forward on S 3rd St (MN-122 E)	369 ft ~ < 1 min
	10:20 AM	Take the ramp on the right to I-35W S / MN-55 E / Hiawatha Ave	0.3 mi ~ < 1 min
	10:21 AM	Keep left at the fork onto I-55 E / Hiawatha Ave	0.3 mi ~ < 1 min
	10:21 AM	Continue forward on Hiawatha Ave (MN-55 E)	5.5 mi ~ 11 min
	10:32 AM	Take the ramp on the right and go on MN-55 E (MN-62 E)	2.2 mi ~ 3 min
	10:33 AM	Keep left at the fork to stay on MN-55 E (MN-62 E)	
	10:34 AM	Go after Minnesota River. It will be on the right	
	10:35 AM	Take the ramp on the right at exit 117 and go on MN-55 toward MN-13 S	0.7 mi ~ < 1 min
	10:36 AM	Turn right on MN-13 S	2.1 mi ~ 3 min
	10:38 AM	Make a sharp left on Lone Oak Rd (CR-26)	0.6 mi ~ 1 min



10:40 AM **Finish at Depot, on the right**

Time Window: 3/26/2021 1:00 PM - 3/26/2021 10:00 PM

Total Time: 2 hr 39 min

Total Distance: 79 mi

Total Wait Time: 37 min

Start Time: 3/26/2021 8:00 AM

Finish Time: 3/26/2021 10:39 AM

Route: Route8