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GGR 370 – Assignment 3: Accessibility Analysis

Question 1

Ward	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	$\Sigma_{(j)}/n$
1	0.00	14.07	11.70	11.88	15.09	15.64	8.92	16.22	23.08	23.34	19.75	14.52
2	14.07	0.00	18.76	14.25	21.66	10.51	9.67	5.92	12.78	13.05	14.27	12.27
3	11.70	18.76	0.00	8.14	8.12	12.19	10.20	14.55	19.60	19.92	15.25	12.58
4	11.88	14.25	8.14	0.00	10.63	6.79	5.94	10.04	15.19	15.52	10.84	9.93
5	15.09	21.66	8.12	10.63	0.00	12.00	13.32	17.45	13.99	15.07	10.40	12.52
6	15.64	10.51	12.19	6.79	12.00	0.00	7.26	6.30	9.24	9.51	5.53	8.63
7	8.92	9.67	10.20	5.94	13.32	7.26	0.00	7.84	14.70	14.97	11.38	9.47
8	16.22	5.92	14.55	10.04	17.45	6.30	7.84	0.00	8.57	8.83	10.06	9.62
9	23.08	12.78	19.60	15.19	13.99	9.24	14.70	8.57	0.00	4.58	5.10	11.53
10	23.34	13.05	19.92	15.52	15.07	9.51	14.97	8.83	4.58	0.00	7.23	12.00
11	19.75	14.27	15.25	10.84	10.40	5.53	11.38	10.06	5.10	7.23	0.00	9.98
$\Sigma_{(i)}/n$	14.52	12.27	12.58	9.93	12.52	8.63	9.47	9.62	11.53	12.00	9.98	123.06

Geographic Accessibility matrix A(G) = 123.06

Table 1: Geographic accessibility matrix of the Mississauga wards. The travel costs are in minutes. $\Sigma(j)/n$ is the geographic accessibility for the particular ward.

Question 2 & 3