

Appendix N

Transit Headway Analysis

BBB Rapid 12 Northbound

BBB Rapid 12 Northbound – AM Peak Hour Trips					
Origin Time (AM)	Arrival Time (AM)	Total Trip Time	Median Trip Time	Calculated Trip Time	Eligible (6-9 AM)
5:33	5:53	0:20	0:10	5:43	No
5:48	6:09	0:21	0:10	5:58	No
6:00	6:22	0:22	0:11	6:11	Yes
6:10	6:33	0:23	0:11	6:21	Yes
6:20	6:43	0:23	0:11	6:31	Yes
6:30	6:53	0:23	0:11	6:41	Yes
6:40	7:05	0:25	0:12	6:52	Yes
6:50	7:15	0:25	0:12	7:02	Yes
7:00	7:27	0:27	0:13	7:13	Yes
7:07	7:21	0:14	0:7	7:14	Yes
7:14	7:28	0:14	0:7	7:21	Yes
7:21	7:35	0:14	0:7	7:28	Yes
7:28	7:42	0:14	0:7	7:35	Yes
7:35	7:49	0:14	0:7	7:42	Yes
7:42	7:56	0:14	0:7	7:49	Yes
7:49	8:03	0:14	0:7	7:56	Yes
7:56	8:10	0:14	0:7	8:04	Yes
8:04	8:17	0:14	0:7	8:11	Yes
8:11	8:25	0:14	0:7	8:18	Yes
8:18	8:32	0:14	0:7	8:25	Yes
8:25	8:39	0:14	0:7	8:32	Yes
8:32	8:46	0:14	0:7	8:39	Yes
8:39	8:53	0:14	0:7	8:46	Yes
8:46	9:00	0:14	0:7	8:53	Yes
8:53	9:07	0:14	0:7	9:00	Yes
9:00	9:30	0:30	15	9:15	No
AM Eligible Trips					23

BBB Rapid 12 Northbound – PM Peak Hour Trips					
Origin Time (PM)	Arrival Time (PM)	Total Trip Time	Median Trip Time	Calculated Trip Time	Eligible (3-7 PM)
2:25	2:49	0:24	0:12	2:37	No
2:37	3:01	0:24	0:12	2:49	No
2:49	3:13	0:24	0:12	3:01	Yes
3:01	3:25	0:24	0:12	3:13	Yes
3:13	3:37	0:24	0:12	3:25	Yes
3:25	3:49	0:24	0:12	3:37	Yes
3:37	4:01	0:24	0:12	3:49	Yes
3:49	4:13	0:24	0:12	4:01	Yes
4:01	4:25	0:24	0:12	4:13	Yes
4:13	4:37	0:24	0:12	4:25	Yes
4:25	4:49	0:24	0:12	4:37	Yes
4:37	5:01	0:24	0:12	4:49	Yes
4:49	5:13	0:24	0:12	5:01	Yes
5:01	5:25	0:24	0:12	5:13	Yes
5:13	5:37	0:24	0:12	5:25	Yes
5:25	5:49	0:24	0:12	5:37	Yes
5:37	6:01	0:24	0:12	5:49	Yes
5:50	6:16	0:26	0:13	6:13	Yes
6:05	6:30	0:25	0:12	6:27	Yes
6:25	6:49	0:24	0:12	6:37	Yes
6:45	7:09	0:24	0:12	6:57	Yes
7:06	7:29	0:23	0:11	7:17	No
PM Eligible Trips					23

Total Eligible Trips for AM/PM Peak Hours: 46

Average Headway: 9.13 min

BBB Rapid 12 Southbound

BBB Rapid 12 Southbound – AM Peak Hour Trips					
Origin Time (AM)	Arrival Time (AM)	Total Trip Time	Median Trip Time	Calculated Trip Time	Eligible (6-9 AM)
6:12	6:34	0:21	0:10	6:22	Yes
6:36	7:00	0:24	0:12	6:48	Yes
7:00	7:26	0:26	0:13	7:13	Yes
7:20	7:48	0:28	0:14	7:34	Yes
7:34	8:02	0:28	0:14	7:48	Yes
7:47	8:15	0:28	0:14	8:01	Yes
7:59	8:27	0:28	0:14	8:13	Yes
8:11	8:35	0:24	0:12	8:23	Yes
8:23	8:48	0:24	0:12	8:35	Yes
8:35	8:59	0:24	0:12	8:47	Yes
8:47	9:11	0:24	0:12	8:59	Yes
8:59	9:23	0:24	0:12	9:11	No
AM Eligible Trips					11

BBB Rapid 12 Southbound – PM Peak Hour Trips					
Origin Time (PM)	Arrival Time (PM)	Total Trip Time	Median Trip Time	Calculated Trip Time	Eligible (3-7 PM)
2:36	3:11	0:35	0:17	2:53	No
2:45	3:22	0:37	0:18	3:03	Yes
2:55	3:32	0:37	0:18	3:13	Yes
3:05	3:42	0:37	0:18	3:33	Yes
3:13	3:29	0:16	0:08	3:21	Yes
3:21	4:37	0:16	0:08	3:29	Yes
3:29	3:45	0:16	0:08	3:37	Yes
3:37	3:53	0:16	0:08	3:45	Yes
3:45	4:01	0:16	0:08	3:53	Yes
3:53	4:09	0:16	0:08	4:01	Yes
4:01	4:17	0:16	0:08	4:09	Yes
4:09	4:25	0:16	0:08	4:17	Yes
4:17	4:33	0:16	0:08	4:25	Yes
4:25	4:41	0:16	0:08	4:33	Yes
4:33	4:49	0:16	0:08	4:41	Yes
4:41	4:57	0:16	0:08	4:49	Yes
4:49	5:05	0:16	0:08	4:57	Yes
4:57	5:13	0:16	0:08	5:05	Yes
5:05	5:21	0:16	0:08	5:13	Yes
5:13	5:29	0:16	0:08	5:21	Yes
5:21	5:37	0:16	0:08	5:29	Yes
5:29	5:45	0:16	0:08	5:37	Yes
5:37	5:53	0:16	0:08	5:45	Yes
5:45	6:01	0:16	0:08	5:53	Yes
5:53	6:09	0:16	0:08	6:01	Yes
6:01	6:17	0:16	0:08	6:09	Yes
6:09	6:25	0:16	0:08	6:17	Yes
6:17	6:33	0:16	0:08	6:25	Yes
6:25	6:41	0:16	0:08	6:33	Yes
6:33	6:49	0:16	0:08	6:41	Yes
6:41	6:57	0:16	0:08	6:49	Yes
6:49	7:05	0:16	0:08	6:57	Yes
6:57	7:13	0:16	0:08	7:05	No
7:05	7:31	0:16	0:08	7:13	No
PM Eligible Trips					31

Total Eligible Trips for AM/PM Peak Hours: 42

Average Headway: 10 min

Line 720 Eastbound

Line 720 Eastbound – AM Peak Hour Trips					
Origin Time (AM)	Arrival Time (AM)	Total Trip Time	Median Trip Time	Calculated Trip Time	Eligible (6-9 AM)
5:07	6:36	1:29	0.44	5:51	No
5:22	6:53	1:31	0.45	6:07	Yes
5:36	7:07	1:31	0.45	6:21	Yes
5:48	7:20	1:32	0.46	6:34	Yes
5:57	7:06	1:09	0.34	6:31	Yes
6:27	7:45	1:18	0.39	7:06	Yes
6:19	7:33	1:14	0.37	6:56	Yes
6:49	8:12	1:23	0.41	7:30	Yes
6:41	7:57	1:16	0.38	7:19	Yes
7:12	8:37	1:25	0.42	7:54	Yes
7:00	8:22	1:22	0.41	7:41	Yes
7:36	9:01	1:25	0.42	8:18	Yes
7:19	8:46	1:27	0.43	8:02	Yes
7:58	9:25	1:27	0.43	8:41	Yes
7:40	9:10	1:30	0.45	8:25	Yes
8:21	9:22	1:01	0.30	8:51	Yes
8:03	10:03	2:00	0.60	9:03	No
8:44	9:47	1:03	0.31	9:15	No
8:24	10:27	2:03	0.61	9:25	No
9:07	10:11	1:04	0.32	9:39	No
AM Eligible Trips					14

Line 720 Eastbound – PM Peak Hour Trips					
Origin Time (PM)	Arrival Time (PM)	Total Trip Time	Median Trip Time	Calculated Trip Time	Eligible (3-7 PM)
1:46	4:03	2:17	1:08	2:54	No
2:25	3:39	1:14	0:37	3:02	Yes
2:02	4:21	2:19	1:09	3:11	Yes
2:37	3:53	1:26	0:43	3:20	Yes
2:13	4:33	2:20	1:10	3:33	Yes
2:48	4:01	1:13	0:36	3:24	Yes
2:24	4:45	2:21	1:10	3:34	Yes
3:00	4:17	1:17	0:38	3:38	Yes
2:35	4:33	2:08	1:04	3:39	Yes
2:40	4:27	1:47	0:53	3:33	Yes
3:15	5:07	1:52	0:56	4:11	Yes
2:50	4:33	1:43	0:51	3:41	Yes
3:25	5:18	1:53	0:56	4:21	Yes
3:00	4:48	1:48	0:54	3:54	Yes
3:34	5:03	1:29	0:44	4:18	Yes
3:07	4:56	1:49	0:54	4:01	Yes
3:42	5:37	1:55	0:57	4:39	Yes
3:15	5:00	1:45	0:52	4:07	Yes
3:50	5:20	1:30	0:45	4:35	Yes
3:22	5:12	1:50	0:55	4:17	Yes
3:58	5:29	1:31	0:45	4:42	Yes
3:30	5:21	1:51	0:55	4:25	Yes
4:06	5:37	1:31	0:45	4:51	Yes
4:10	5:25	1:15	0:37	4:47	Yes
3:42	6:11	1:29	0:44	4:26	Yes
4:17	5:37	1:20	0:40	4:57	Yes
4:20	5:52	1:32	0:46	5:06	Yes
4:23	5:39	1:26	0:43	5:06	Yes
3:54	6:23	1:29	0:44	5:38	Yes
4:29	5:49	1:20	0:40	5:09	Yes
4:32	6:04	1:32	0:46	5:18	Yes
4:03	5:54	1:51	0:55	4:58	Yes
4:38	5:57	1:19	0:39	5:17	Yes
4:41	6:11	1:30	0:45	5:26	Yes
4:12	6:02	1:50	0:55	5:07	Yes
4:47	6:05	1:18	0:39	5:26	Yes
4:50	6:19	1:29	0:44	5:34	Yes
4:54	6:12	1:18	0:39	5:33	Yes
4:26	6:16	1:50	0:55	5:21	Yes
5:02	6:31	1:29	0:44	5:46	Yes
5:06	6:24	1:18	0:39	5:45	Yes
4:39	6:59	2:20	1:10	5:49	Yes
5:15	6:31	1:16	0:58	6:13	Yes
4:47	6:34	1:47	0:53	5:40	Yes
5:23	6:46	1:23	0:41	6:04	Yes
4:55	6:41	1:46	0:53	5:48	Yes
5:00	6:46	1:46	0:53	5:53	Yes
5:05	7:19	2:14	1:07	6:12	Yes
5:43	6:55	1:12	0:36	6:19	Yes
5:16	7:00	1:44	0:52	6:08	Yes
5:21	7:33	2:12	1:06	6:27	Yes
5:59	7:10	1:11	0:35	6:34	Yes
5:32	7:14	1:42	0:51	6:23	Yes

5:38	7:48	2:10	1:05	6:43	Yes
6:17	7:25	1:08	0.34	6:51	Yes
5:51	7:31	1:40	0.50	6:41	Yes
6:29	7:35	1:06	0.33	7:02	No
6:03	7:50	1:47	0.53	6:56	Yes
6:42	8:15	1:33	0.46	7:28	No
PM Eligible Trips					55

Total Eligible Trips for AM/PM Peak Hours: 69

Average Headway: 6.087 min

Line 720 Westbound

Line 720 Westbound – AM Peak Hour Trips					
Origin Time (AM)	Arrival Time (AM)	Total Trip Time	Median Trip Time	Calculated Trip Time	Eligible (6-9 AM)
5:15	6:27	1:12	0.36	5:51	No
5:35	6:40	1:05	0.32	6:07	Yes
5:25	6:38	1:13	0.36	6:11	Yes
5:45	7:03	1:18	0.39	6:25	Yes
6:00	6:50	0:50	0.25	6:25	Yes
5:37	7:13	1:36	0.48	6:25	Yes
6:07	6:56	0:49	0.24	6:31	Yes
5:57	7:21	1:24	0.42	6:39	Yes
5:44	7:02	1:18	0.39	6:23	Yes
6:01	7:27	1:26	0.43	6:44	Yes
6:16	7:11	0:55	0.27	6:43	Yes
5:51	7:34	1:43	0.51	6:42	Yes
6:10	7:16	1:06	0.33	6:43	Yes
5:56	7:42	1:46	0.53	6:49	Yes
6:28	7:25	0:57	0.28	6:56	Yes
6:01	7:48	1:47	0.53	6:54	Yes
6:21	7:29	1:08	0.34	6:55	Yes
6:35	7:55	1:20	0.40	7:15	Yes
6:08	7:36	1:28	0.44	6:52	Yes
6:40	8:04	1:24	0.42	7:22	Yes
6:42	7:43	1:01	0.30	7:12	Yes
6:14	8:08	1:54	0.57	7:21	Yes
6:46	7:47	1:01	0.30	7:16	Yes
6:48	8:13	1:25	0.42	7:30	Yes
6:20	7:54	1:34	0.46	7:06	Yes
6:51	8:18	1:27	0.43	7:36	Yes
6:21	7:57	1:36	0.48	7:09	Yes
6:54	8:23	1:29	0.44	7:38	Yes
6:44	8:02	1:18	0.39	7:23	Yes
6:28	8:32	2:04	1:02	7:30	Yes
7:02	8:08	1:06	0.33	7:35	Yes
7:05	8:36	1:31	0.45	7:50	Yes
6:37	8:17	1:40	0.50	7:27	Yes
6:58	8:43	1:45	0.52	7:50	Yes
7:14	8:21	1:57	0.58	8:12	Yes
6:45	8:51	2:06	1:03	7:48	Yes
7:06	8:28	1:22	0.41	7:47	Yes
6:50	8:56	2:06	1:03	7:53	Yes
7:25	8:34	1:09	0.34	7:59	Yes
7:27	9:02	1:35	0.47	8:14	Yes
6:56	8:43	1:47	0.53	7:49	Yes
7:33	9:08	1:35	0.47	8:20	Yes
7:02	8:46	1:44	0.52	7:54	Yes
7:25	9:17	1:52	0.56	8:21	Yes
8:02	9:21	1:19	0.39	8:41	Yes
7:09	8:56	1:47	0.53	8:01	Yes
7:48	8:59	1:11	0.35	8:23	Yes
7:52	9:28	1:36	0.48	8:40	Yes
7:20	9:32	2:12	1:06	8:26	Yes
8:00	9:11	1:11	0.35	8:35	Yes

8:05	9:43	1:38	0.49	8:54	Yes
7:33	9:43	2:10	1:05	8:35	Yes
8:13	9:25	1:12	0.36	8:49	Yes
7:41	9:51	2:10	1:05	8:46	Yes
8:21	9:29	1:08	0.34	8:55	Yes
7:52	10:02	2:10	1:05	8:57	Yes
8:31	9:42	1:11	0.35	9:06	No
AM Eligible Trips					55

Line 720 Westbound – PM Peak Hour Trips					
Origin Time (PM)	Arrival Time (PM)	Total Trip Time	Median Trip Time	Calculated Trip Time	Eligible (3-7 PM)
1:45	3:55	2:10	1:05	2:50	No
2:27	4:05	1:38	0.49	3:16	Yes
2:04	4:14	2:10	1:05	3:09	Yes
2:45	4:23	1:38	0.49	3:34	Yes
2:20	4:31	2:11	1:05	3:35	Yes
3:01	4:39	1:38	0.49	3:50	Yes
2:36	4:47	1:11	0.35	3:11	Yes
3:17	4:55	1:38	0.49	4:06	Yes
2:53	5:04	2:11	1:05	3:59	Yes
3:35	5:13	1:38	0.49	4:24	Yes
3:11	5:24	2:13	1:06	4:17	Yes
3:53	5:32	1:39	0.49	4:42	Yes
3:29	5:13	1:44	0.52	4:31	Yes
4:11	5:51	1:40	0.50	5:01	Yes
3:47	6:00	1:13	0.36	4:23	Yes
4:29	5:41	1:12	0.36	5:05	Yes
4:06	6:20	2:14	1:07	5:13	Yes
4:48	6:30	1:42	0.51	5:39	Yes
4:24	6:11	1:47	0.53	5:17	Yes
5:05	6:50	1:45	0.52	5:57	Yes
4:42	7:00	2:18	1:09	5:51	Yes
4:56	7:11	2:15	1:07	6:03	Yes
5:11	7:22	2:11	1:05	6:16	Yes
5:28	7:36	2:08	1:04	6:34	Yes
5:45	7:50	2:05	1:02	6:47	Yes
6:01	8:04	2:03	1:01	7:02	No
PM Eligible Trips					24

Total Eligible Trips for AM/PM Peak Hours: 79

Average Headway: 5.316 min