

Technical Memorandum

Greater Portland Transit District (METRO)
Passenger On/Off Survey



Prepared By:
Greater Portland Council of Governments

In Cooperation With:
Greater Portland Transit District (METRO)

Prepared For:
Portland Area Comprehensive Transportation Committee (PACTS)
Maine Department of Transportation (MaineDOT)

October, 2006

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METRO Staff:

Peter Cavanaugh	Acting General Manager
Michael Smith	Assistant Transportation Manager
Denise Beck	Marketing Director

GPCOG Transportation Planning Staff:

Steven Linnell	Senior Transportation Planner
Matti Gurney	Transportation Planner

Also Assisting:

David Willauer	Transportation and Land Use Director
Natalya Harkins	Transportation Planner
Erik West	Transportation Planner

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GREATER PORTLAND TRANSIT DISTRICT PASSENGER ON/OFF SURVEY

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A. INTRODUCTION

Overview

Every two years, the Greater Portland Council of Governments (GPCOG) conducts the On/Off Passenger Survey on behalf of the Greater Portland Transit District (METRO). The On/Off Survey counts the number of persons boarding and alighting a METRO bus and derives useful bus route and stop information from these counts. One example of such data includes the average bus trip length in passenger miles, which is required to be reported to the Federal Transit Administration.

The survey is historically known as the “Brown Sheet Survey,” named after the brown-colored spreadsheets displaying the results of the early surveys. The GPCOG Transportation and Land Use Planning Division conducts the On/Off Survey as part of its role to provide planning assistance to the public transit operators in the region.

Purpose

The purpose of the survey is twofold:

- 1) to prepare an estimate of systemwide passenger miles for federal reporting requirements; and
- 2) to provide stop-frequency data for planning passenger amenities such as bus shelters, bus stops and information kiosks.

Methodology

The On/Off Survey is generally conducted in April, which is considered to be a typical month for transit ridership. The survey requires approximately 400 on-bus personnel hours to cover the entire METRO system. Staff positions are filled by GPCOG staff as well as temporary personnel. The survey is conducted in conjunction with the South Portland Bus Service On/Off survey to optimize the effort necessary to collect data.

Each run on each route is surveyed once during the course of the survey. Data gathering is scheduled into roughly four-hour blocks allowing surveyors to work up to two “jobs” per day with a break in the middle. Weekday, Saturday, and Sunday routes are treated as independent routes in the survey. *Appendix A* contains maps for each route of the METRO system. *Appendix B* contains a copy of a METRO routes schedule at the time of the survey.

Survey staffers ride the METRO buses and count the persons boarding and departing at each stop for an entire route day. This information is collected and marked on a survey sheet designed specifically for each bus and route. **Exhibit I** shows a portion of a completed sample survey sheet with an explanation of the sheet design. A copy of an entire blank survey form can be found in *Appendix C*.

Exhibit I

Sample Completed METRO On/Off Staff Survey Form

1999 ON/OFF METRO SURVEY OF ROUTE 1: CONGRESS ST.				
WEEKDAY SERVICE				
	TRIP SEQUENCE		Out: 7:09 AM	
	DIRECTION		In: 7:25 AM	
Bus ID Number	Bus 101	SCHEDULED TIME		
	BUS STOPS	ON	OFF	
PASSENGERS ALREADY ON			3	
	ST. JOHN	#117	I	
	ST. JOHN	D		
	ST. JOHN	MIDBLOCK	III	
	CONGRESS	GILMAN		
	CONGRESS	FOREST		
	ST. JOHN	#130	II	
	ST. JOHN	#70	II	
	ST. JOHN	VALLEY	I	
	ST. JOHN	#127		
PASSENGERS REMAINING			1	
Outbound departure time for next trip for this bus	Next Scheduled Trip		7:54 AM	

The METRO On/Off Survey directly collects two main statistics: boardings (a.k.a. ridership, ons or number of passengers) and departures (a.k.a. offs). The boarding/departure information is entered into a Microsoft Excel spreadsheet, which automatically calculates passenger mileage and other summary information. Passenger mileage information is calculated exclusively from the On/Off Survey data, and describes total bus ridership in terms of distance or passenger miles (i.e., five people riding the bus for one mile is equal to five passenger miles).

Since 1999, using GPCOG's Geographic Information Systems (GIS) capabilities, the Mapping Department was able to plot each stop and measure the distance between them to the nearest one hundredth of a mile. These distances are utilized in the spreadsheet calculations and updated whenever there are changes to the routes. It is anticipated that this detailed mapping will have many more uses as METRO embarks on Intelligent Transportation System (ITS) applications for transit.

Route passenger mileage is the summation of the passenger mileage at the individual stop. It should be noted that "passenger mileage" is an aggregate statistic, and thus does not describe riding characteristics of any individual passenger.

Although the On/Off Survey provides merely a "snapshot" of route characteristics for the time the survey is conducted, there is a strong correlation between the route ridership distributions of the On/Off survey and the actual "fare box" ridership counts for the same time period.

B. SUMMARY ON/OFF SURVEY RESULTS*

Boardings/Departures - On/Off System-wide Totals vs. Monthly Fare-Box Totals

The primary set of system-wide descriptive statistics collected by the On/Off Survey is passenger boardings. Departures are the natural counterpart to passenger boardings, but because departures are roughly equivalent to boardings, reporting both sets of data is redundant at this level of analysis. The departure data can be used to identify high use stops in the system when coupled with the boarding locations.

The On/Off Survey counted 7,152 total boardings during the sample period. Exhibit II displays ridership distributions by route comparing it to actual farebox ridership counts for the same month in which the survey was conducted. Overall boardings for the month of April rose by 2% compared to the same period in 2003, even though annual ridership increased by nearly 3.2%. The distribution of boardings among routes for the 2005 survey remained within 2% of that for 2001 (except for Route One which went from 23% back down to the historical share of 18%).

Exhibit II				
METRO Actual Boardings Compared to On/Off Boardings				
Route	METRO Actual Boardings April 2005		On/Off Survey	
	Actual Boardings	Percentage	Survey Boardings	Percentage
1	17,698	16%	1,304	18%
2	15,060	14%	979	14%
3	8,327	8%	479	7%
4	24,568	23%	1,707	24%
5	19,842	18%	1,335	19%
6	8,014	7%	452	6%
7	4,587	4%	343	5%
8	10,579	10%	553	8%
Total	108,675	100%	7,152	100%

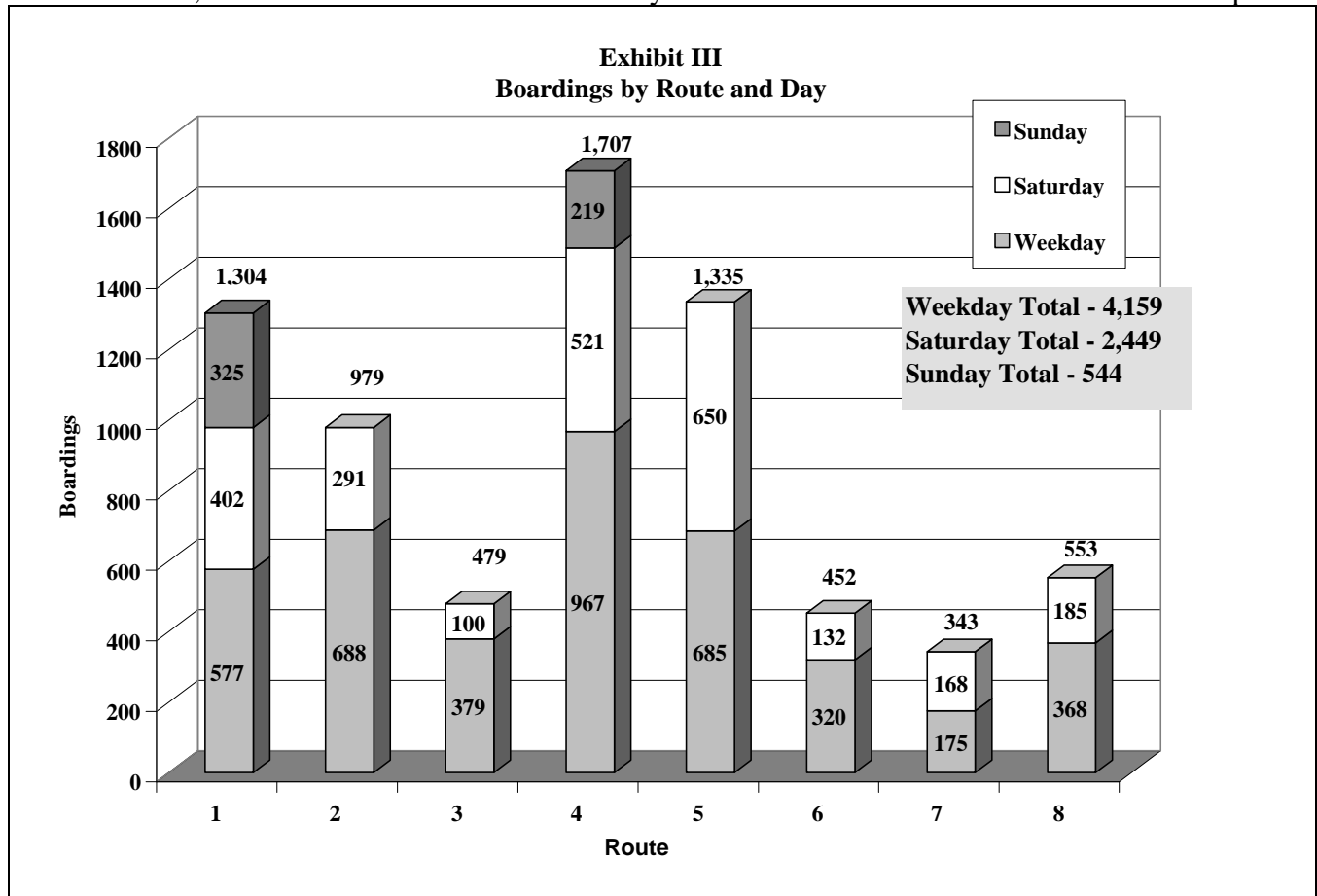
**Monthly fare-box Ridership information provided by the Greater Portland Transit District (METRO)*

The distribution of boardings by route reported in the On/Off Survey is similar to actual monthly boardings distributions. Route Four – *Westbrook* has, as usual, the highest ridership in the On/Off survey with 1,707 boardings (24% of the total ridership of the On/Off Survey), followed by Route Five – *Maine Mall* with 1,335 boardings (19%). The farebox records support Route Four as having the highest ridership with 24,568 boardings (23%) and Route Five with 19,842 persons (18%). Route Seven, the new service to Falmouth has the lowest ridership for both the On/Off Survey (343 persons or 5%) and the farebox totals (4,587 persons or 4%). However, with less than one year of service at the time of the survey, Route Seven has shown a steady increase in boardings.

* For summary tables of the METRO On/Off Survey Results, see Appendix G - Summary Tables
2005 METRO On/Off Survey / GPCOG

Boardings/Departures - On/Off Totals by Route and Day

The On/Off Survey separates Weekday, Saturday, and Sunday routes to show differences in route characteristics by day. Exhibit III displays the distribution of boardings by route for the On/Off Survey as in Exhibit II, but also shows how the different days of the week contribute to total route ridership.



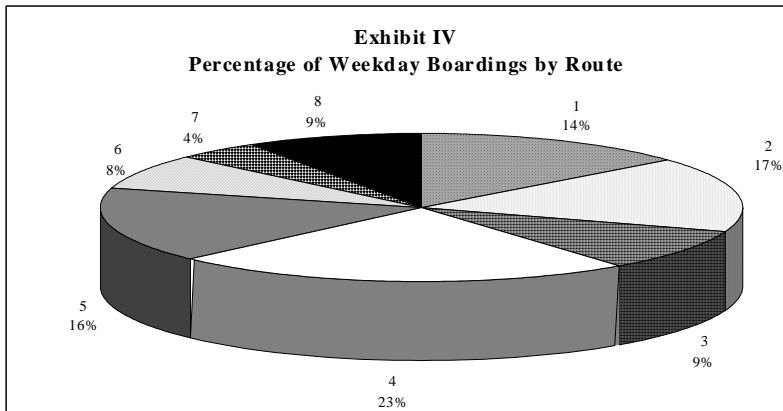
Reminder: The weekday category describes data for only one weekday during the week and not the aggregation of all weekdays during the week. This standard applies to daily data in the On/Off survey.

Exhibit III displays passenger boardings by route in the following descending order: Route Four (1,707), Five (1,335), One (1,304) Two (979), Eight (553), Three (479), Six (452) and Route Seven (343). As this chart plainly shows, Routes Four, Five, One and Two receive the highest amount of use in the system.

Only Routes One and Four offer Sunday service. Sunday boardings make a significant contribution to Route One’s total ridership which is actually a combination of Routes One and Five. Sunday service makes up 25% of the total ridership share on Route One but only 13% of Route Four’s total.

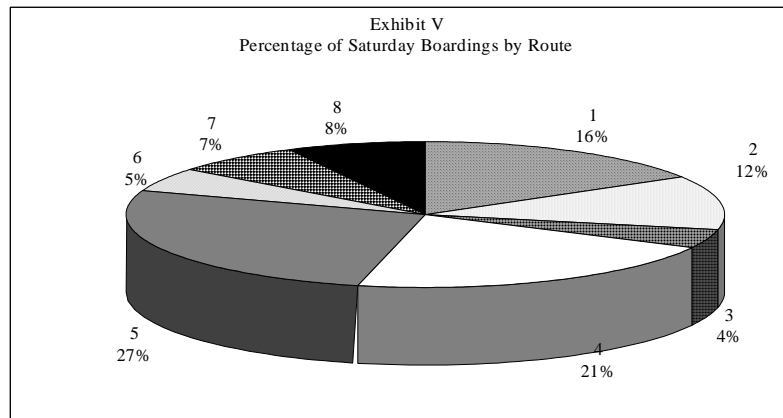
Passengers riding METRO on weekdays constitute 58% of total ridership measured in the survey. Saturday boardings comprise 35% of total ridership share, and Sundays 7%. For every route, the boardings on a typical weekday account for a greater number of a route’s ridership than Saturday or Sunday boardings. However, Route Five and Seven have nearly as many boardings on Saturday as on a weekday. Higher weekday ridership may be partially attributed to commuters, as well as limited

Saturday and Sunday service. Routes Five and Seven provide the same amount of service on Saturdays as weekdays. The other routes offer fewer runs on Saturdays. Route Five services the Maine Mall area of South Portland (see *Appendix A* for route maps), and high Saturday ridership on that route likely results from Saturday shoppers. Likewise, Route Seven's Saturday ridership is likely due to the shopping malls it services.

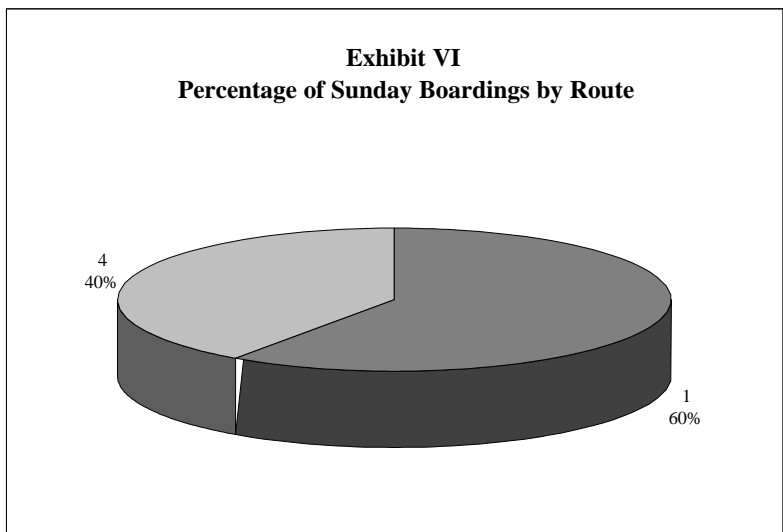


The boarding distribution of weekday routes (**Exhibit IV**) and Saturday routes (**Exhibit V**) is similar to the total boarding distributions shown in **Exhibit II**. Most routes gained or lost two or three percent compared to 2003. *Route Seven* was added since the previous survey.

Route Five carried 27% of all Saturday ridership, the same as in 2003. All other routes gained or lost a few percent.



Routes Two and Three both capture a noticeably higher percentage of weekday boardings than Saturday boardings. This is probably due to commuter use of these two routes, which connect outlying residential areas to business districts (see *Appendix A* for route maps).

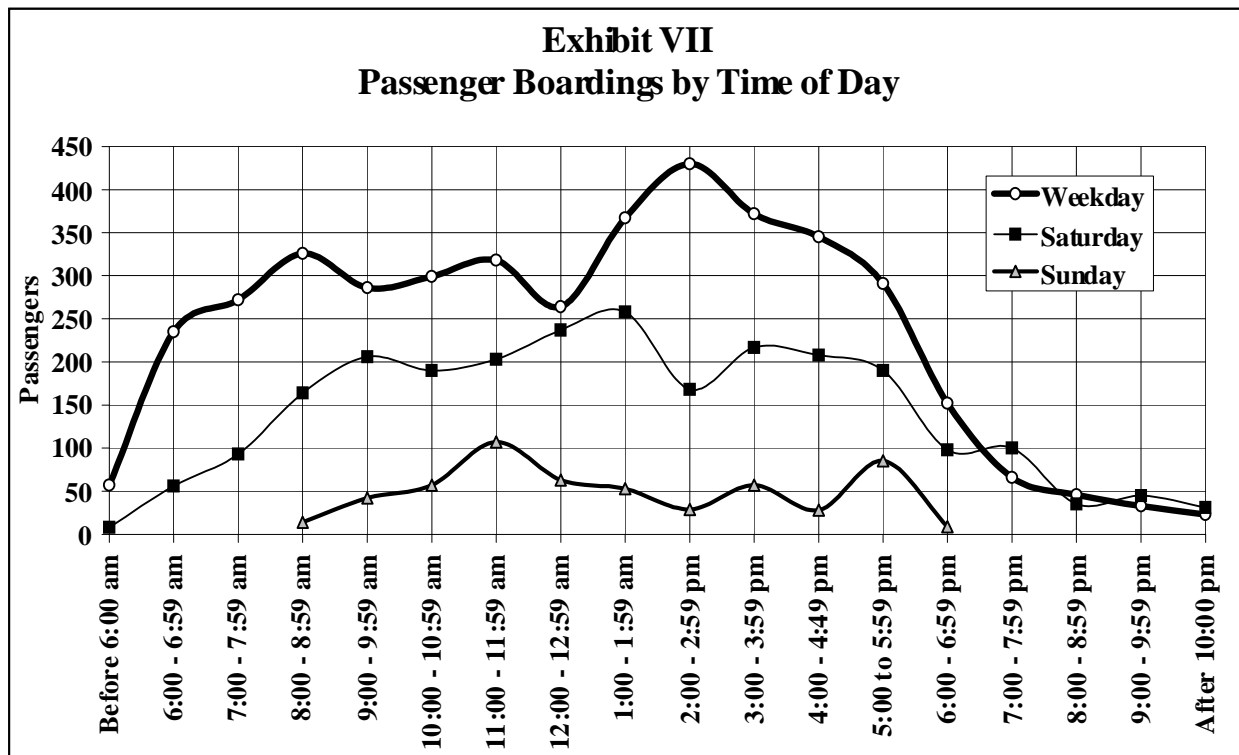


In the past, the two Sunday routes (One and Four) have shared a nearly equal percentage of boardings. However, in 2003 Route One (which also serves the Mall) made up nearly two-thirds of Sunday boardings. This year Route One had 60% of total Sunday boardings.

Exhibits IV, V and VI isolate Weekday, Saturday and Sunday boardings to highlight distribution patterns attributable to weekday/weekend variations.

Passenger Boardings by Time of Day

Exhibit VII displays passenger boardings by time of day. Passenger boardings of all routes of the METRO transit system are combined and divided into their hourly components to show boarding trends within daily ridership (for Passenger Boardings/Departures by Time of Day for the Individual Routes, see *Appendix F*). Boarding times are not actual. Instead, they are determined by the starting time of the corresponding outbound or inbound trip.



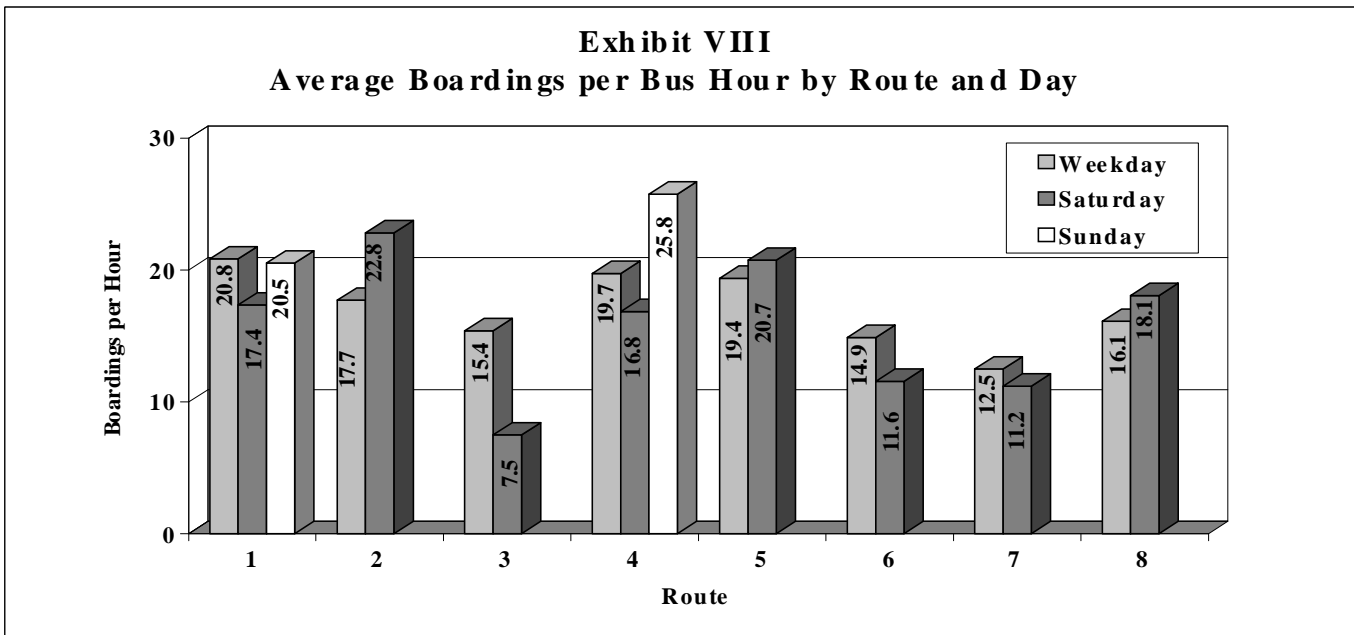
As **Exhibit VII** shows, weekday boardings rise steadily throughout the morning from the onset of the service day. Boardings peak at 8:00 to 8:59 A.M., holding steady for the next three hours then drop off for the noon hour only to continue a steady rise until the sharp decline starting after the 2:00 – 2:59 P.M. hour. The 2:00 to 2:59 P.M. peak is similar to 2003; however, in previous years the peak was in the 4:00 to 4:59 timeslot.

Saturdays follow similar boarding patterns as weekdays with an almost identical pattern with fewer boardings and less pronounced peaks and valleys. The gradual rise throughout the day is similar to previous years; however, the 2:00 slump and the sharper decline during 5:00 to 6:59 P.M. is more pronounced.

Sundays, unlike previous years, show more defined peaks and valleys throughout the day; the most dramatic the hour before noon. The bump at the end of the service day is similar to 2003.

Boardings per Bus Hour

Another way to examine bus-boarding statistics is to divide the number of persons riding the bus by the total hours of bus deployment. Some bus routes have more boardings because they have more buses in operation or longer service hours. Calculating boardings per bus hour is a way to describe the concentration of ridership, holding constant for differences in bus service hours. In other words, 5 bus hours can mean one bus operating five hours or 5 buses operating one hour. Either way, if the total number of passengers is 50, the average number of boardings per hour is 10.



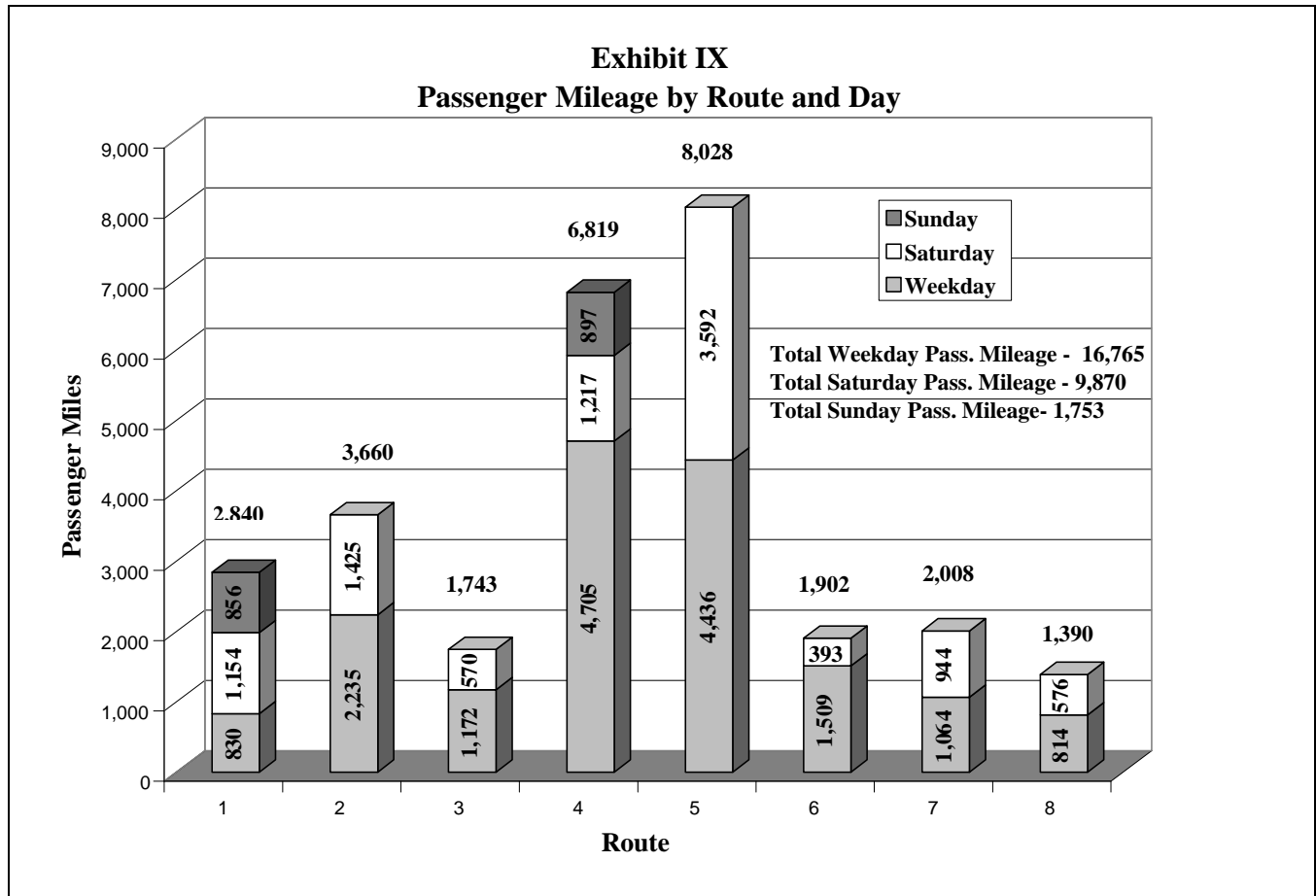
Route Four Sunday has the highest concentration of boardings with 25.8 per hour. Route Two Saturday has the second highest number of boardings per hour at 22.8. This is quite dissimilar to previous years, which have shown Route One weekday to have the highest concentration of boardings per hour. The reason for this is because Route Four, even though it has the highest number of weekday boardings, also has nearly doubled the number of buses per hour compared to Route One and typically it will have less boardings per hour. In other words, Route Four's longer service hours and more frequent service (i.e. more buses throughout the day) usually reduce its overall passenger concentration. Route Four's high concentration is not a product of a major increase in boardings (Sunday boardings increased by 5.9 per hour over 2003), instead it is a product of a decrease in boardings per hour on Route One weekday (11.2 fewer boardings per hour).

The two Sunday Routes have low ridership totals, but relatively high per hour boarding rates. Sunday routes are serviced by fewer buses and have limited operating hours, but the service available is heavily used.

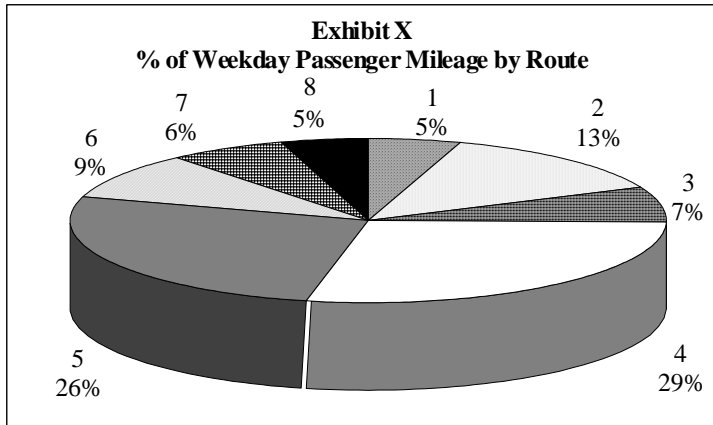
Boardings per bus hour are the most frequently used ridership statistic since they reflect the productivity of each route in direct proportion to the level of effort (bus hours) expended. Appendix J contains tables and charts that describe boardings per service hour and the number of service hours by route.

Passenger Mileage

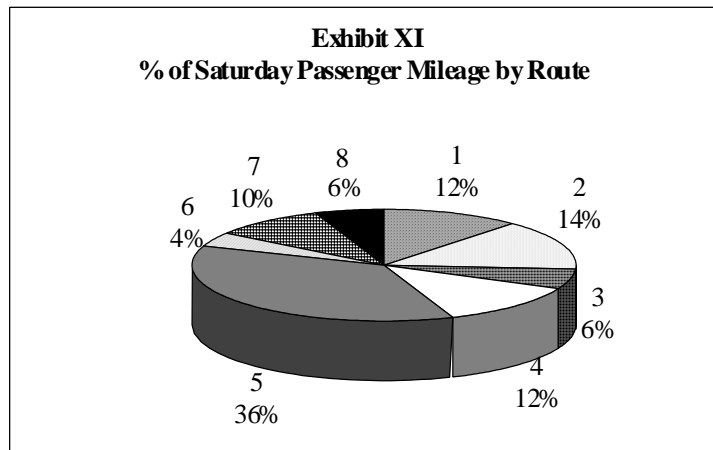
As stated in the methodology section, passenger mileage describes both how many persons are riding the bus and how far. **Exhibit IX** shows passenger mileage by route and day.



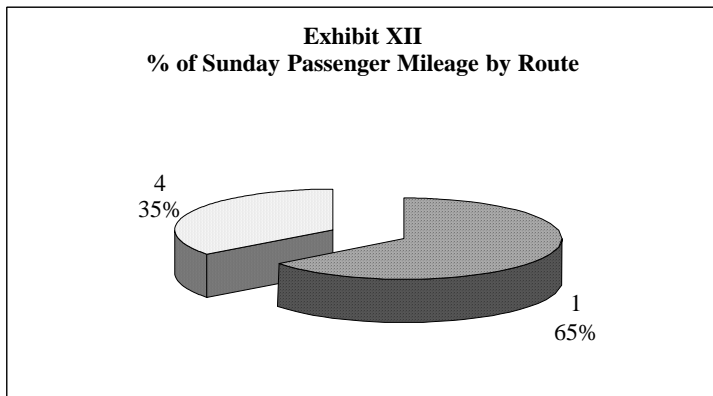
The distribution of passenger mileage follows a distribution pattern similar to boardings. Route Five has the highest total passenger mileage (8,028), followed by Routes Four (6,819), Two (3,660), One (2,840), Seven (2,008), Six (1,902), Three (1,743) and Eight (1,390). A single weekday constitutes 59% of all passenger mileage, Saturdays 35%, and Sundays 6%, similar to boardings. Route Four weekday has the greatest daily passenger mileage of any route (4,705), followed closely by Route Five weekday (4,436), and Route Five Saturday (3,592).



Routes Four and Five share the largest percentages of weekday passenger miles. Route Four's weekday passenger mileage (29%) is a much larger share than its Saturday mileage (12%). Route Five exhibits the opposite -- a larger percent (34%) on Saturday and a relatively smaller percent (27%) on weekdays



The shares for Routes Four and Five of both weekday and Saturday have decreased slightly from 2003. All other weekday routes stayed the same except One and Eight, both increasing by 2% and 3% respectively. Saturday Routes One, Two, Six and Eight increased by 6%, 5%, 2% and 2% respectively while Eight increased 2 points and Three stayed the same (6%).

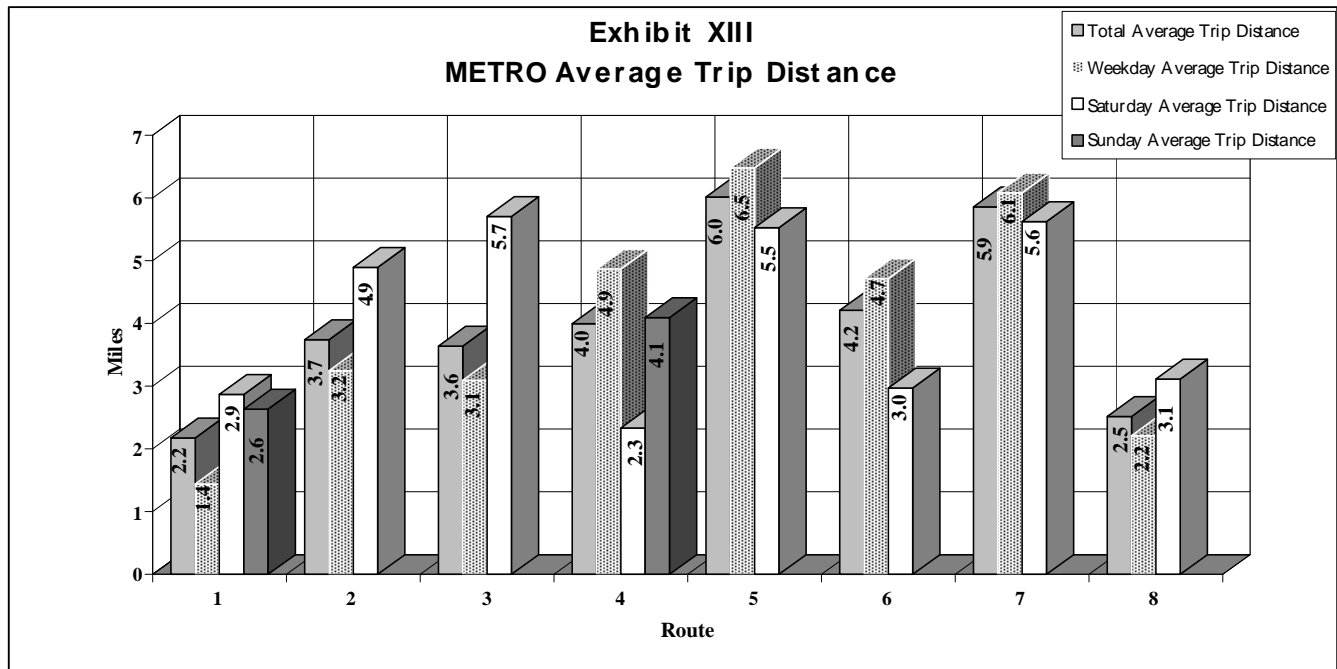


Sunday passenger mileage seems to have fluctuated over the years, between an even split between the two routes or Route One handling the majority of the mileage. This year is similar to 1997 and 2003 where the Route One controls nearly two-thirds the total passenger mileage.

Exhibits X, XI and XII isolate weekday, Saturday and Sunday passenger mileage to highlight distribution patterns attributable to weekday/weekend variations.

Average Trip Distance

Average trip distance is obtained by dividing each route's passenger mileage by the number of passengers (i.e. boardings). Average passenger trip distance describes the distance the average passenger travels on that route.



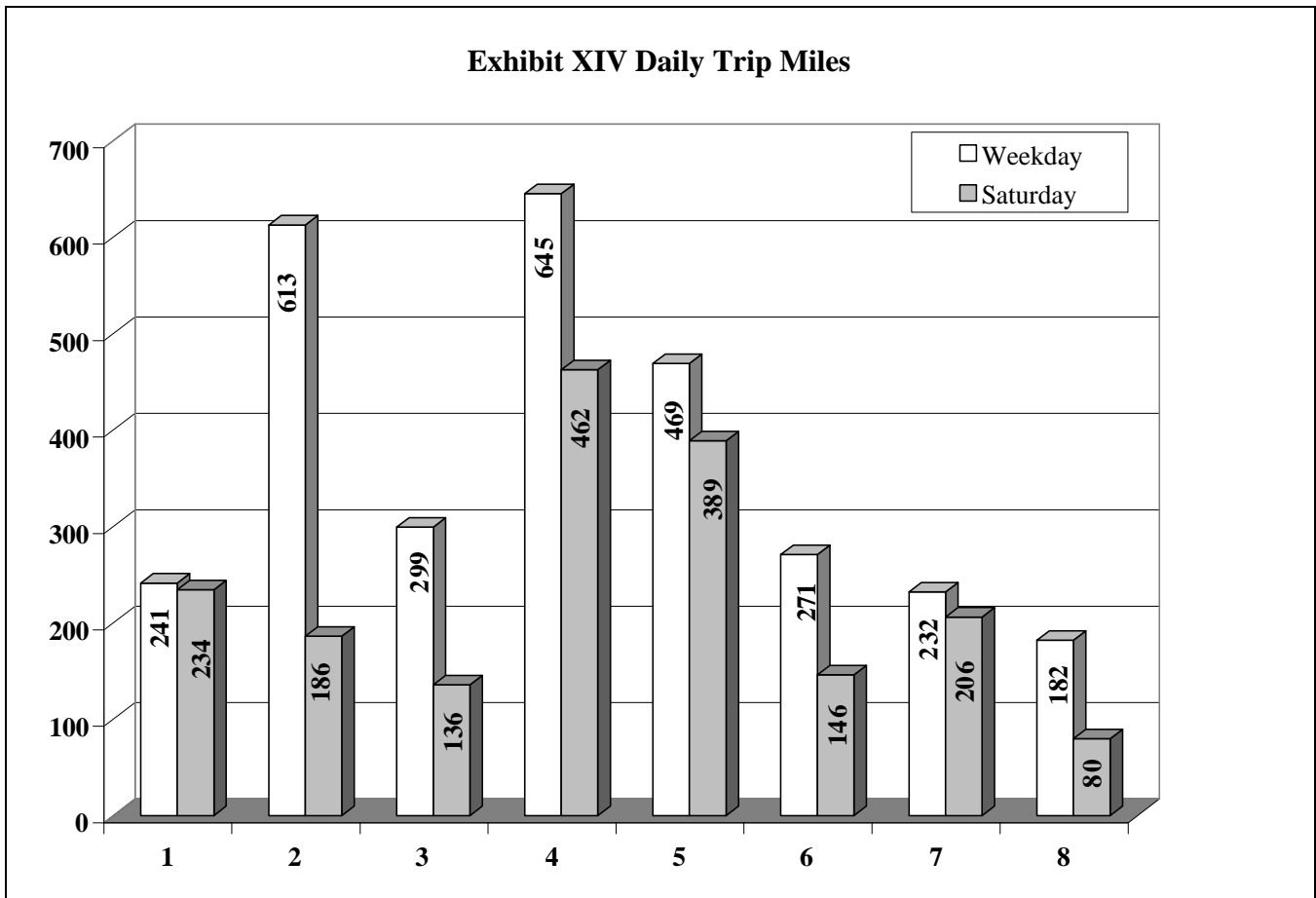
As shown in **Exhibit XIII**, some routes have longer or shorter average trips, a byproduct of general trip geographical characteristics. Route Five has the longest average passenger trip distance (6.0 miles) for all days combined (total average trip distance). Route Five also has the longest weekday passenger trip distance (6.5). Route Seven has the longest Saturday average trip distance (5.6 miles). Routes Seven and Six follow Route Five in total average trip distance with 5.9 and 4.2 miles respectively.

The highest Sunday average passenger trip distance is Route Four with 4.1 miles. Even though Route One/Five has more than twice the ridership on Sunday and twice the passenger miles, Route Four passengers appear to take much longer trips. However, since this is not an origin/destination survey, the fact that more than half the trips begin or end in the Route One segment of the route tends to lower the overall average trip distances.

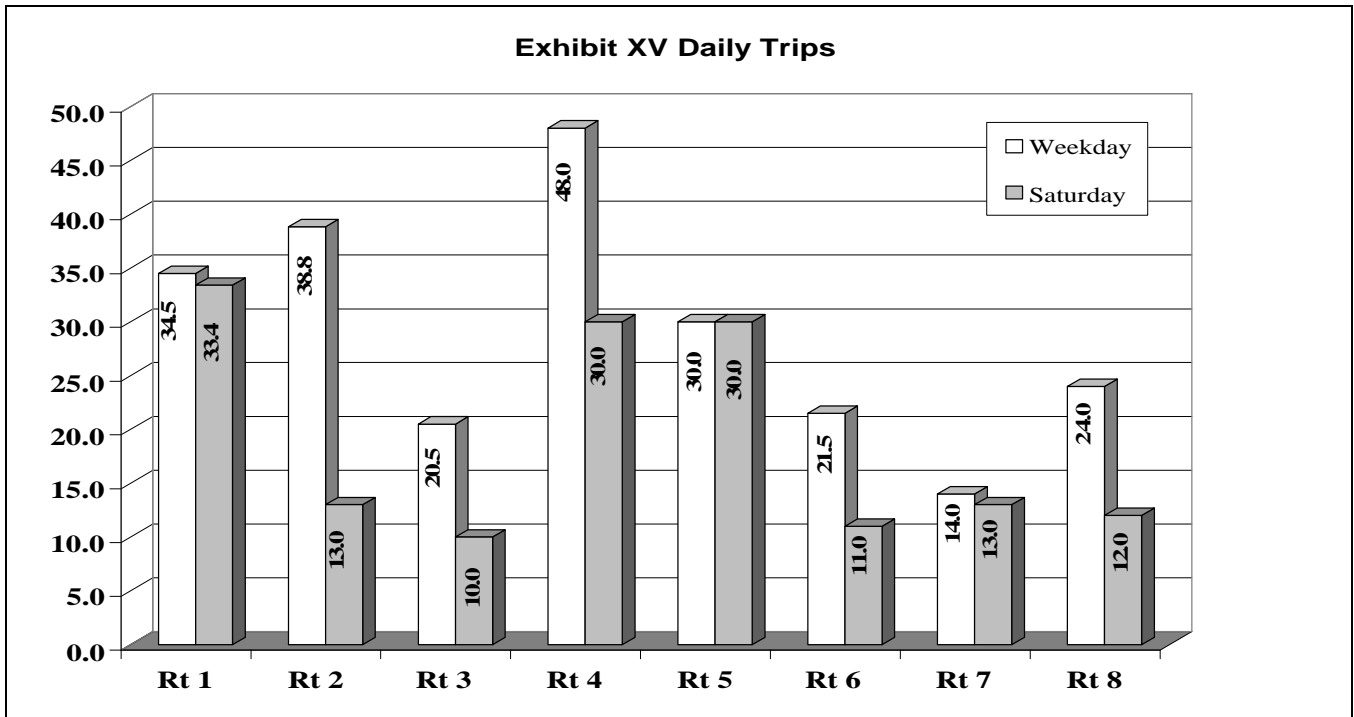
Productivity Metrics:

Operating data such as equipment movement and intensity and duration of service are plotted to form the basis for calculations that integrate boarding statistics. A peak and base period summary of each route as well as a condensed summary table of these statistics may be found in Appendix I.

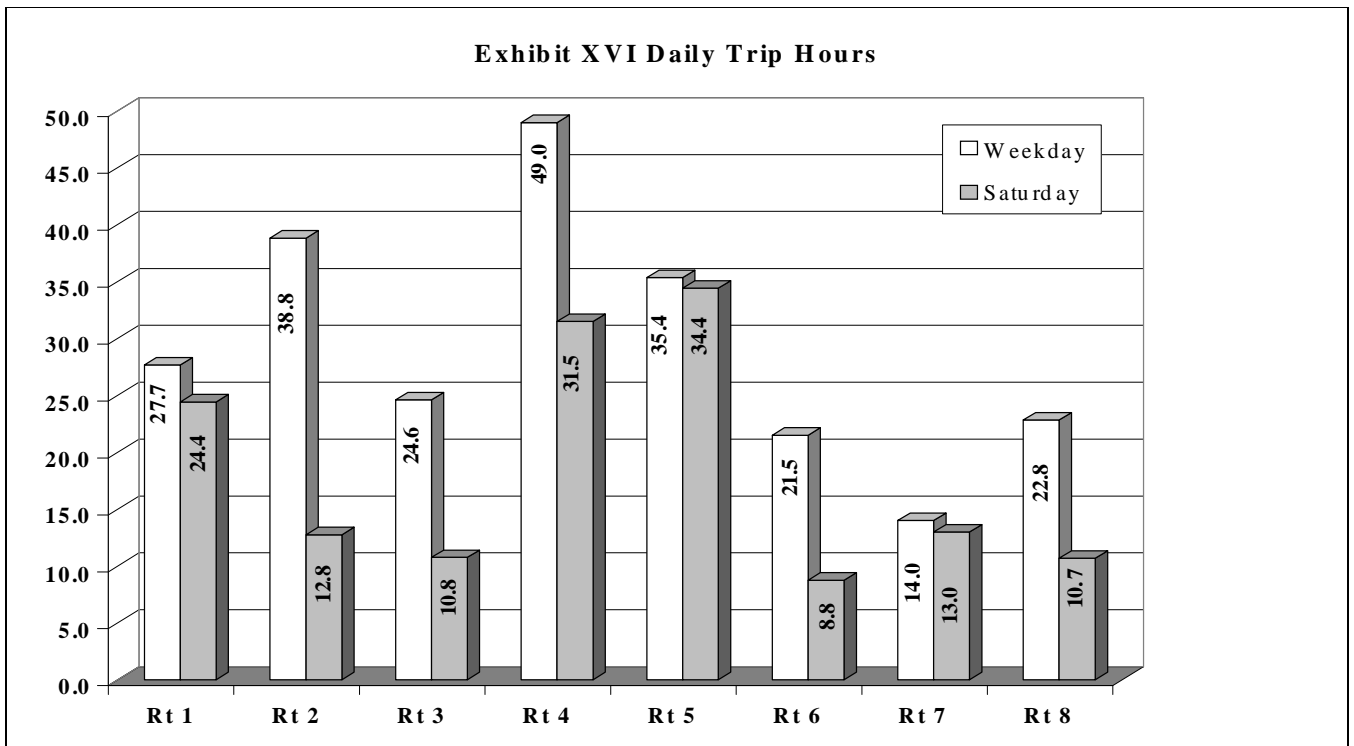
One basic metric is the daily trip miles traveled on each route. Since buses generally travel different deviations of the route throughout the day, there are different trip lengths. The sum total of these route deviations make up the daily trip miles. These numbers will be used to calculate the number of boardings per mile. Weekday and Saturday trip miles appear in Exhibit XIV below.



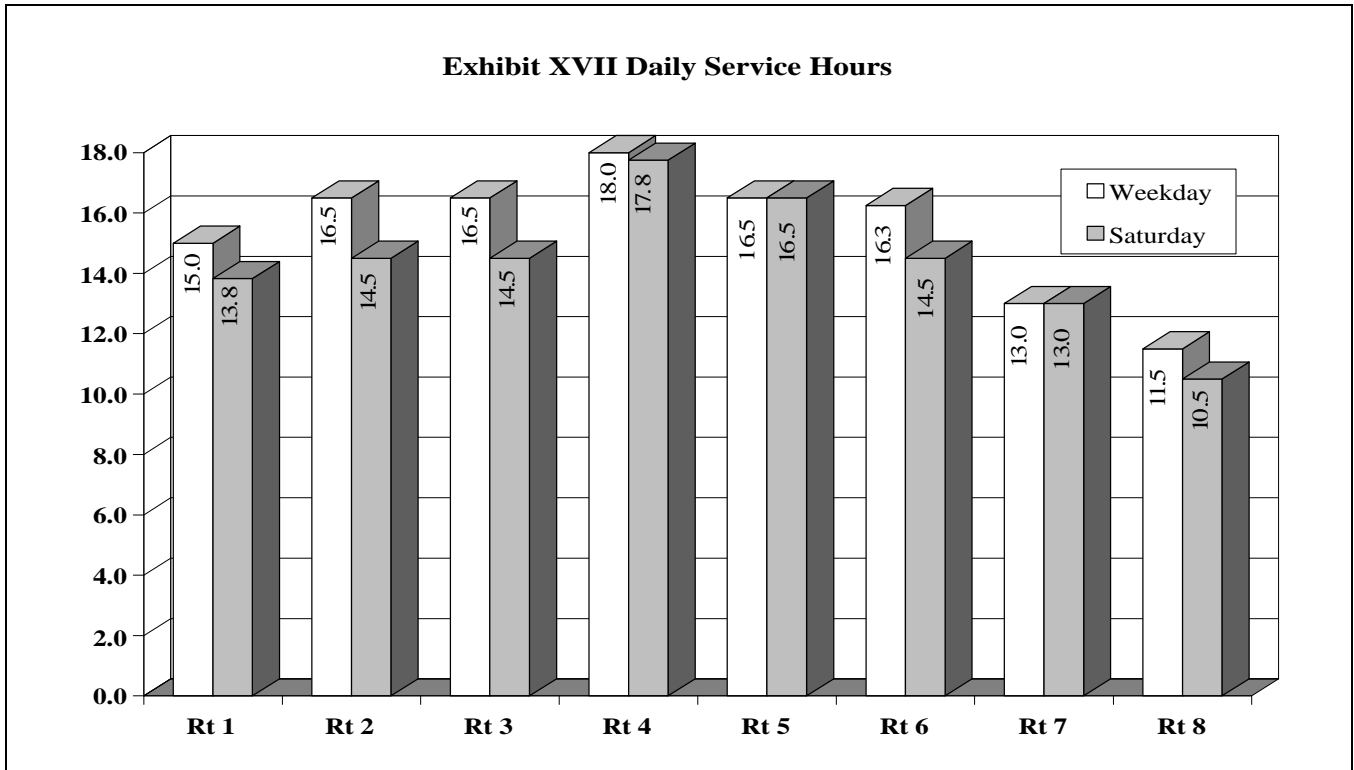
The daily number of bus trips on each route is another operational statistic that is used for deriving the average number of boardings per trip. Exhibit XV displays the number of daily trips on each route.



Finally, there are the total daily trip hours (or vehicle hours) on each route. Since some routes have more than one bus operating at the same time, the revenue operating hours for each bus deployed on the route are combined to produce the Daily Trip Hours - Exhibit XVI. Daily trip hours were already used to calculate the average number of boardings per hour in Exhibit VIII.

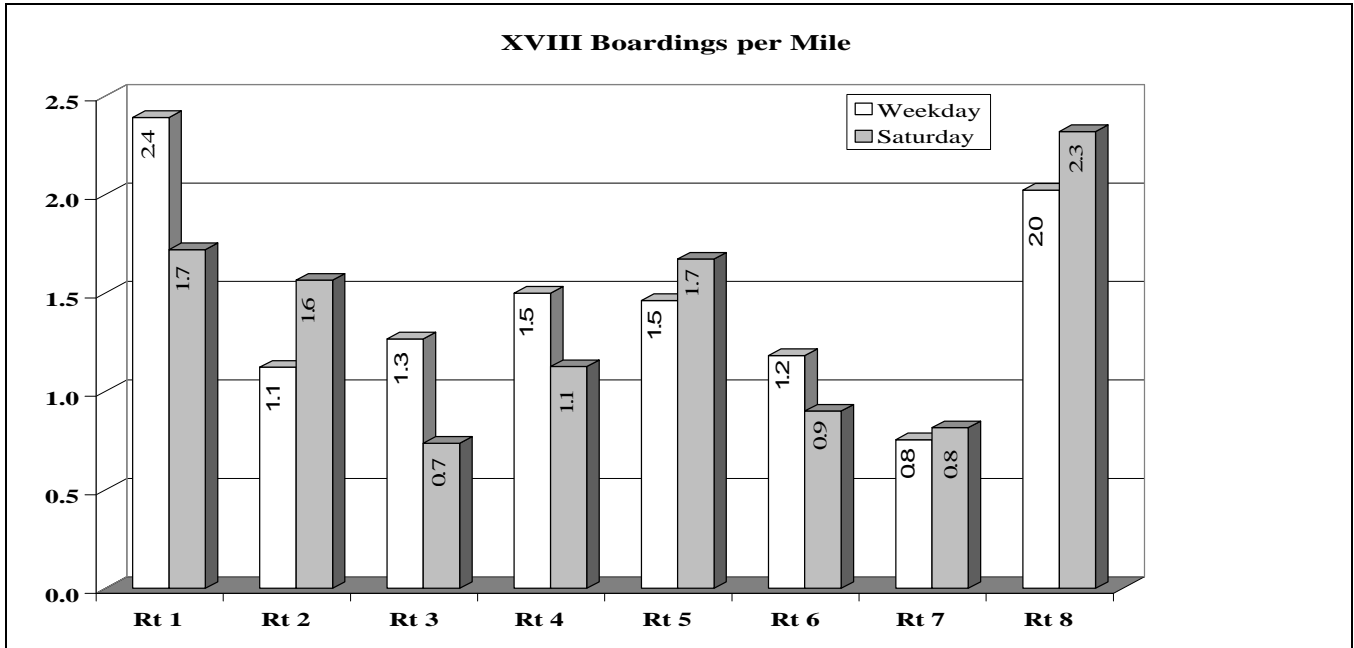


As a comparison, the Daily Service Hours (the number of hours the route is serviced) is displayed in Exhibit XVII.

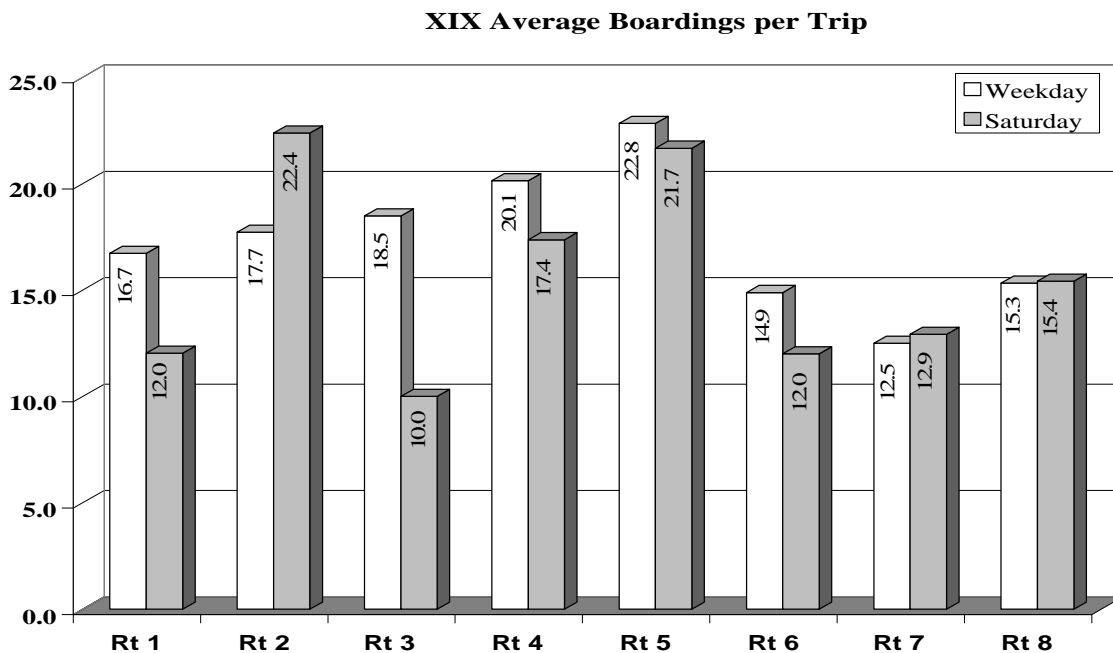


Using these baseline operational figures, some very simple metrics may be produced which are useful for comparing the productivity of routes with one another in the system. It should be noted that these metrics are not intended for comparison with routes in other systems.

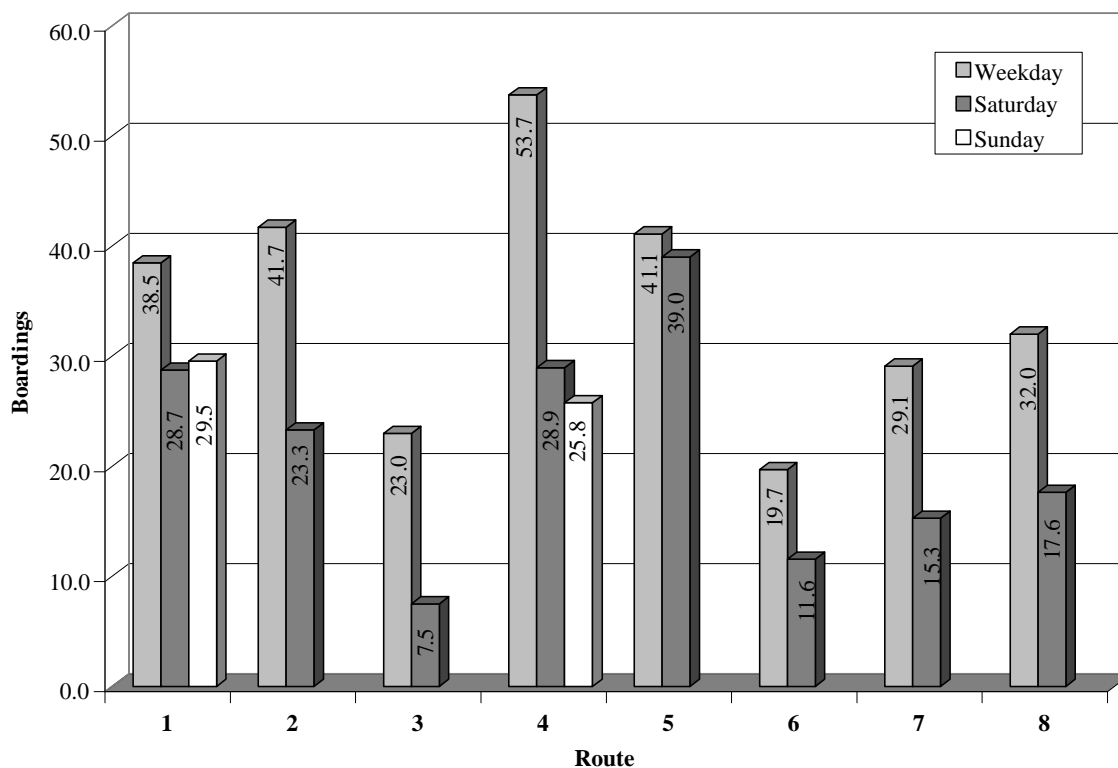
Passengers per mile or boardings per mile are calculated by dividing the total number of boardings for the day by the daily trip miles for each route. The higher the number, the more productive the route is. Boardings per mile statistics are in Exhibit XVIII.



Another way to look at the data is to calculate the average daily boardings per trip. Total boardings per route divided by the number of runs on that route per day equals boardings per trip. Exhibit XIX displays this metric.



XX Average Boardings per Service Hour



On average, productivity on Saturday is about the same as on weekdays. The level of effort on weekdays, whether measured by trips, miles or hours, averages 40% greater than the effort on Saturdays for all routes. There are about 60% as many total boardings on Saturdays, but the boardings per trip, mile and hour average 90% of the weekday statistics.

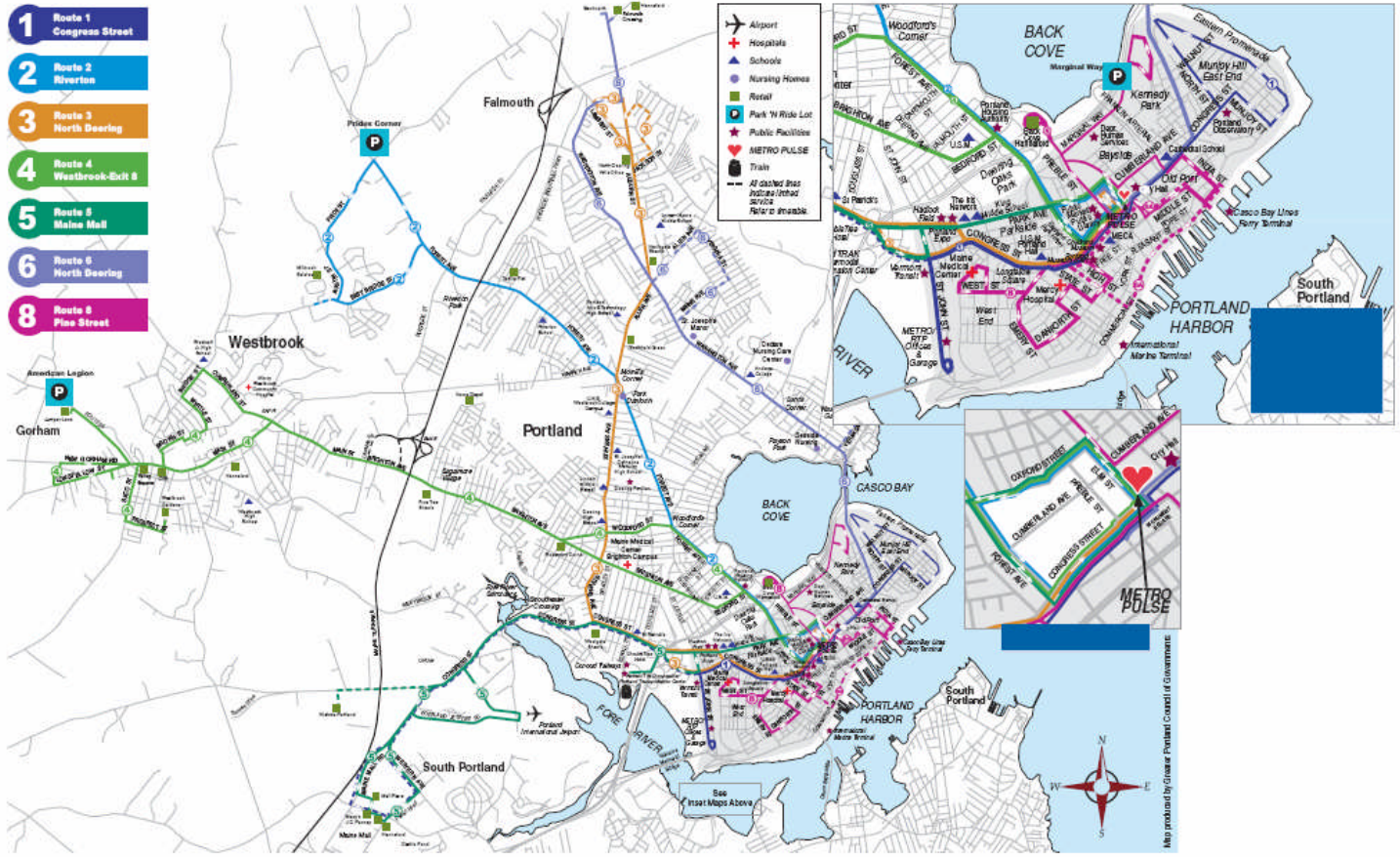
Taken individually, only Route One (with roughly the same amount of effort on weekdays and Saturdays) yields productivity that is significantly lower on Saturdays. Route Two is at the other end of the spectrum. It has the most significant reduction in effort on Saturdays, yet it is the only route that yields higher boardings per trip, mile and bus hour compared to weekdays. Routes Four, Six and Eight have slightly better than average productivity compared to service reduction on Saturdays while Three, Five and Seven are the closest to neutral.

The analysis above is for each entire route for a full day. More detailed weekday information is available for peak and off peak periods in tabular form in Appendix I.

APPENDIX A
METRO ROUTE MAPS

<http://www.gpmetrobus.com/images/RouteMaps/metro-map.pdf>

- 1** Route 1
Congress Street
- 2** Route 2
Newton
- 3** Route 3
North Deering
- 4** Route 4
Westbrook-Exit 8
- 5** Route 5
Maine Mall
- 6** Route 6
North Deering
- 8** Route 8
Pine Street



APPENDIX B
METRO ROUTE SCHEDULE
&
TIMETABLE

1 Congress Street

Munjoy Hill/St. John St.

OUTBOUND		INBOUND		
Departs		Arrives	Departs	Arrives
117 St. John St. (METRO GARAGE)	Congress & Elm (Key Bank)	Walnut & Promenade	Congress & Elm	117 St. John St. (METRO GARAGE)
5:36	5:44	5:52	6:02	6:20
6:00	6:08	6:16	6:26	6:44
6:20	6:29	6:36	6:46	7:09
6:44	6:53	7:00	7:10	7:29
7:09	7:18	7:25	7:35	7:50
7:29	7:38	7:47	7:57	8:13
7:50	7:59	8:08	8:18	8:34
8:13	8:22	8:31	8:41	8:58
8:34	8:43	8:52	9:02	9:19
8:58	9:07	9:16	9:26	9:43
9:19	9:28	9:37	9:47	10:03
9:43	9:52	10:01	10:11	10:27
10:03	10:12	10:21	10:31	10:48
10:27	10:36	10:45	10:55	11:12
10:48	10:57	11:06	11:16	11:36
11:12	11:21	11:30	11:40	12:00
11:36	11:45	11:54	12:04	12:28
12:00	12:10	12:20	12:30	12:55
12:28	12:38	12:48	12:58	1:23
12:55	1:05	1:15	1:25	1:50
1:23	1:33	1:43	1:53	2:18
1:50	2:00	2:10	2:20	2:45
2:18	2:28	2:38	2:48	3:13
2:45	2:55	3:05	3:15	3:40
3:13	3:23	3:33	3:43	4:08
3:40	3:50	4:00	4:10	4:35
4:08	4:18	4:28	4:38	5:03
4:35	4:45	4:55	5:05	5:30
5:03	5:13	5:23	5:33	5:58
5:30	5:39	5:46	5:56	6:24
5:58	6:08	6:18	6:28	6:43
6:24	6:33	6:40	6:50	7:04
6:43	6:52	6:57	7:07	7:18
7:04	7:13	7:20	7:30	7:44
			8:25	8:35

6:48	6:57	7:04	7:14	7:33
7:33	7:42	7:49	7:59	8:17
7:55	8:06	8:10	8:20	8:38
8:17	8:26	8:33	8:43	9:02
8:38	8:47	8:54	9:04	9:23
9:02	9:11	9:18	9:28	9:47
9:23	9:32	9:39	9:49	10:07
9:47	9:56	10:03	10:13	10:31
10:07	10:16	10:23	10:33	10:52
10:31	10:40	10:47	10:57	11:16
10:52	11:01	11:08	11:18	11:36
11:16	11:25	11:32	11:42	12:00
11:36	11:45	11:52	12:02	12:22
12:00	12:09	12:16	12:26	12:46
12:22	12:31	12:38	12:48	1:07
12:46	12:55	1:02	1:12	1:31
1:07	1:16	1:23	1:33	1:52
1:31	1:40	1:47	1:57	2:16
1:52	2:01	2:08	2:18	2:36
2:16	2:25	2:32	2:42	3:01
2:36	2:45	2:52	3:02	3:20
3:01	3:10	3:17	3:27	3:46
3:20	3:29	3:36	3:46	4:05
3:46	3:55	4:02	4:12	4:30
4:05	4:14	4:21	4:31	4:48
4:30	4:39	4:46	4:56	5:14
4:48	4:57	5:04	5:14	5:32
5:14	5:23	5:30	5:40	5:58
5:32	5:41	5:48	5:58	6:24
5:58	6:07	6:14	6:24	6:42
6:24	6:33	6:40	6:50	7:04
6:42	6:51	6:56	7:06	7:17
7:04	7:13	7:20	7:30	7:44
			8:25	8:35

1 Congress Street

Munjoy Hill/St. John St. Portland Transportation Center (PTC)

INBOUND			OUTBOUND				INBOUND	
Departs	Arrives		Departs		Arrives		Arrives	
Congress & St. John Street	Congress & Elm	Walnut & Promenade	Congress & Elm	Congress & St. John Street	PTC	Maine Mall (Maine & J.C. Penney stops only)	PTC	
9:10	9:17	9:25	8:15	8:25	8:30	8:50	9:05	
10:30	10:37	10:45	9:35	9:45	9:50	10:10	10:25	
11:20	11:27	11:35	10:55	11:05	11:10	11:30	11:45	
11:50	11:57	12:05	11:45	11:55	12:00	12:20	12:35	
12:40	12:47	12:55	12:15	12:25	12:30	12:50	1:05	
1:10	1:17	1:25	1:05	1:15	1:20	1:40	1:55	
2:00	2:07	2:15	1:35	1:45	1:50	2:10	2:25	
2:30	2:37	2:45	2:25	2:35	2:40	3:05	3:20	
3:25	3:32	3:45	2:55	3:05	3:10	3:30	3:45	
3:50	3:57	4:05	4:00	4:10	4:15	4:45	5:00	
5:05	5:12	5:20	ends at Congress/St. John	5:35	5:45	5:50	6:20	6:35
				6:15*	6:25	6:30		
6:40	6:47	6:55		7:05	7:15	ends at Walnut/Promenade		

* - Bus returning from Westbrook
 Sunday only: No stops at Hannaford. 4:05 trip does not return downtown.
 Also see ROUTE 5 for Sunday service to the Maine Mall

3 North Deering

Stevens Avenue

MONDAY - FRIDAY

SATURDAY

OUTBOUND Departs			INBOUND Arrives/Departs			Arrives
METRO PULSE (Elm St.)	Westgate	Moni's Corner	Washington & Lambert	Moni's Corner	Westgate	METRO PULSE (Elm St.)
5:45 **			6:15	6:25	6:30	6:45
6:20	6:30	6:35	6:55	7:05	7:10	7:30
6:55 v	7:05	7:10	7:30 v	7:40	7:45	8:10
7:30	7:40	7:45	8:05	8:15	8:20	8:45
8:10	8:20	8:25	8:45	8:55	9:00	9:20
8:45	8:55	9:00	9:20	9:30	9:35	9:55
9:20	9:30	9:35	9:55 No	10:05	10:10	10:35
9:55	10:05	10:10	10:30	10:40	10:45	11:10
10:35	10:45	10:50	11:10	11:20	11:25	11:45
11:10	11:20	11:25	11:45	11:55	12:00	12:20
12:20 v	12:30	12:35	12:55 v	1:05	1:10	1:35
1:35	1:45	1:50	2:10	2:20	2:25	2:45
2:10	2:20	2:25	2:45	2:55	3:00	3:20
2:45 No	2:55	3:00	3:20	3:30	3:35	3:55
3:20	3:30	3:35	4:00	4:10	4:15	4:35
3:55	4:05	4:10	4:35	4:45	4:50	5:10
4:35 v	4:45	4:50	5:10 v	5:20	5:30	5:50
5:10	5:20	5:25	5:45	5:55	6:00	6:25
5:50	6:00	6:05	6:25	6:35	6:40	7:00
6:15 **			6:45	6:55	7:00	7:20
7:20 **			7:50	8:00	8:05	8:25
8:25 **			8:55	9:05	9:10	9:30
9:30 **			9:50 **	10:00 P	10:20	10:40
8:15 v	8:25	8:30	8:45 v	8:55	8:59	9:20
9:15	9:25	9:30	9:45	9:55	9:59	10:20
10:15	10:25	10:30	10:45 No	10:55	10:59	11:20
11:15	11:25	11:30	11:45	11:55	11:59	12:20
12:15 v	12:25	12:30	12:45 v	12:55	12:59	1:20
1:15	1:25	1:30	1:45	1:55	1:59	2:20
2:15	2:25	2:30	2:45	2:55	2:59	3:20
3:15 No	3:25	3:30	3:45	3:55	3:59	4:20
4:15 v	4:25	4:30	4:45 v	4:55	4:59	5:20
5:15	5:25	5:30	5:45	5:55	5:59	6:15
6:15 **			6:45 **	6:55	7:00	7:20
7:20 **			7:50 **	8:00	8:05	8:25
8:25 **			8:55 **	9:05	9:10	9:30
9:30 **			9:50 **	10:00 P	10:20	10:40

NO SUNDAY SERVICE

No - Via Northfield Green

** - Trips operate in a loop running outbound via Route 6 then inbound via Route 3 covering all points on both routes.

v - Runs via Crestview Acres

P - Runs to Park 'n Ride Lot at Four Seasons Bingo

(See Map for Route 6/3)

4 Westbrook - Exit 8

OUTBOUND Departs				INBOUND Arrives/Departs					Arrives	
METRO PULSE (Elm St.)	Eighton & Bedford	Woodford's Corner	Hannaford	Hannaford	Exit 8 Riverside	Rosemont	Rosemont	METRO PULSE (Elm St.)	METRO PULSE (Elm St.)	
5:30 (LBI)		5:37		6:00 (LMIH)	6:05	6:10	6:15	6:30		
6:00 (WMIH)	6:07		6:20	6:20 (PBI)		6:32	6:37	7:00		
6:30 (WBI)	6:37			6:35 (WBI)		6:47		6:52	7:15	
7:00 (LMIH)		7:07	7:20	6:50 (PBI)		7:02	7:07	7:30		
7:15 (X)	7:22			7:05 (WMIH)	7:10	7:15		7:20	7:45	
7:30 (PBI)		7:37		7:35 (LBI)		7:47	7:52	8:15		
7:45 (X)	7:52			8:10 (PMIH)	8:15	8:20	8:25	8:45		
8:00 (WMIH)	8:07	8:25		8:40 (WBI)		8:52	8:57	9:15		
8:15 (X)	8:22			9:10 (LMIH)	9:15	9:20	9:25	9:45		
8:30 (LBI)		8:37		9:40 (LBI)		9:52	9:57	10:15		
8:45 (X)	8:52			10:10 (LMIH)	10:15	10:20	10:25	10:45		
9:00 (LMIH)	9:07	9:25		10:45 (WMIH)	10:50	10:55	11:00	11:30		
9:15 (X)	9:22			11:20 (PBI)		11:32	11:37	12:00		
9:30 (LBI)		9:37		12:05 (WMIH)	12:10	12:15		12:20	12:45	
9:45 (X)	9:52			12:35 (PBI)		12:47	12:52	1:15		
10:15 (WBI)	10:22			1:20 (WMIH)	1:25	1:30	1:35	2:00		
10:45 (PMIH)	10:52	11:05		1:50 (LBI)		1:20 (X)	1:25	1:45		
11:30 (WBI)	11:37			2:20 (PMIH)	2:25	2:30	2:35	3:00		
12:00 (PMIH)	12:07	12:20		2:50 (LBI)		2:20 (X)	2:25	2:45		
12:45 (WBI)	12:52			3:20 (LMIH)	3:25	3:30	3:35	4:00		
1:00 (X)	1:07			3:50 (LBI)		4:02	4:07	4:30		
1:15 (LMIH)	1:22	1:35		4:20 (PMIH)	4:25	4:30	4:35	5:00		
1:30 (X)	1:37			4:50 (WBI)		5:02	5:07	5:30		
1:45 (PBI)	1:52			5:20 (PMIH)	5:25	5:30	5:35	6:00		
2:00 (X)	2:07			5:45 (LBI)		5:53	5:58	6:25		
2:15 (LMIH)	2:22	2:35		6:15 (WMIH)	6:20	6:22	6:25	6:45		
2:30 (X)	2:37			6:45 (WMI)		6:52	6:55	7:20		
2:45 (LBI)	2:52			7:15 (WMIH)	7:20	7:22	7:25	7:45		
3:00 (X)	3:07			7:50 (WMI)		7:57	8:00	8:25		
3:15 (LMIH)	3:22	3:35		8:55 (WMIH)	9:00	9:07	9:10	9:30		
3:30 (X)	3:37			10:00 (WMI)		10:07	10:10	10:25		
3:45 (PBI)	3:52			11:15 (WMIH)	11:19	11:22	11:25	11:40		
4:00 (X)	4:07									
4:15 (WMIH)	4:22	4:35								
4:30 (X)	4:37									
4:45 (PBI)	4:52									
5:00 (X)	5:07									
5:15 (LMIH)	5:22	5:35								
5:30 (X)	5:37									
5:45 (WBI)	5:52									
6:15 (WMIH)	6:22	6:35								
6:45 (WMI)	6:52									
7:20 (WMIH)	7:27	7:40								
8:25 (WMI)	8:32									
8:30 (WMIH)	9:37	9:50								
10:45 (WMI)	10:52									
5:45 (WMIH)	5:53	6:05		6:15 (WMI)	6:20	6:22	6:30	6:45		
6:15 (WBI)	6:20			6:45 (WMIH)	6:50	6:52	7:00	7:15		
6:45 (WMIH)	6:53	7:05		7:15 (WMI)		7:22	7:30	7:45		
7:15 (WBI)	7:20			7:45 (WMIH)	7:50	7:52	8:00	8:15		
7:45 (PMIH)	7:53	8:05		8:15 (PBI)		8:22	8:30	8:45		
8:15 (WMI)	8:20			8:45 (WMIH)	8:50	8:52	9:00	9:15		
8:45 (WMIH)	8:53	9:05		9:15 (WMI)	9:20	9:22	9:30	9:45		
9:15 (WBI)	9:20			9:45 (WMIH)	9:50	9:52	10:00	10:15		
9:45 (PMIH)	9:53	10:05		10:15 (PBI)		10:22	10:30	10:45		
10:15 (WBI)	10:20			10:45 (WMIH)	10:50	10:52	11:00	11:30		
10:45 (PMIH)	10:53	11:05		11:15 (PBI)		11:22	11:30	12:00		
11:30 (WBI)	11:35			12:00 (WMIH)	12:05	12:07	12:15	12:45		
12:00 (PBI)	12:08			12:30 (PBI)		12:37	12:45	1:15		
12:45 (WMIH)	12:53	1:05		1:15 (WMIH)	1:20	1:22	1:30	1:45		
1:15 (WBI)	1:20			1:45 (WMIH)	1:50	1:52	2:00	2:15		
1:45 (PMIH)	1:53	2:05		2:15 (PBI)		2:22	2:30	2:45		
2:15 (WBI)	2:20			2:45 (WMIH)	2:50	2:52	3:00	3:15		
2:45 (PMIH)	2:53	3:05		3:15 (PBI)		3:22	3:30	3:45		
3:15 (WBI)	3:20			3:45 (WMIH)	3:50	3:52	4:00	4:15		
3:45 (WMIH)	3:53	4:05		4:15 (WMI)		4:22	4:30	4:45		
4:15 (PBI)	4:20			4:45 (PMIH)	4:50	4:52	5:00	5:15		
4:45 (WMIH)	4:53	5:05		5:15 (WMI)		5:22	5:30	5:45		
5:15 (WBI)	5:20			5:45 (WMIH)	5:50	5:52	6:00	6:15		
5:45 (WMIH)	5:53	6:05		6:15 (WMI)	6:20	6:22	6:25	6:45		
6:15 (WBI)	6:20			6:45 (WMIH)	6:50	6:52	6:55	7:20		
6:45 (WMIH)	6:53	7:05		7:15 (WMI)		7:22	7:25	7:45		
7:20 (WMI)	7:25			7:50 (WMIH)	7:55	7:57	8:00	8:25		
8:25 (WMI)	8:32			8:55 (WMIH)	9:00	9:02	9:05	9:30		
8:30 (WMIH)	9:35	9:50		10:00 (WMI)		10:07	10:10	10:25		
10:45 (WMI)	10:53			11:15 (WMIH)	11:20	11:22	11:25	11:40		

MONDAY - FRIDAY

SATURDAY

SUNDAY

- W - Westbrook Gardens
- X - Runs to Exit 8 area
- L - Longfellow Drive
- (B) - via Brown Street
- P - Juniper Lane
- (M) - via Main Street
- S - Saco Street
- H - Hannaford Shopping Plaza
- * - Runs to PTC

All Westbrook (W) and (B) buses run to Vallee Square.
Rosemont and Riverside Street are transfer points - Ask operator or call 774-0351 for details.

5 Maine Mall

Portland Transportation Center (PTC)

MONDAY - SATURDAY

OUTBOUND Departs		INBOUND Arrives/Departs			Arrives
METRO PULSE (Elm St.)	PTC	Maine Mall J.C. Penney	Jetport	PTC	METRO PULSE (Elm St.)
5:55 c	6:05	6:25	6:35	6:45	7:15
6:50 x	7:00	7:20	7:30	7:40	8:00
7:15 c	7:25	7:45	7:55	8:05	8:25
8:00	8:10	8:30	8:40	8:50	9:10
8:35	8:45	9:05	9:15	9:25	9:45
9:10	9:20	9:40	9:50	10:00	10:20
9:45	9:55	10:15	10:25	10:35	10:55
10:20	10:30	10:50	11:00	11:10	11:25
10:55	11:05	11:25	11:35	11:45	12:10
11:25	11:35	11:55	12:05	12:15	12:35
11:45	11:55	12:15	12:25	12:35	1:00
12:10	12:20	12:40	12:50	1:00	1:25
12:35	12:45	1:05	1:15	1:25	1:50
1:00	1:10	1:30	1:40	1:50	2:15
1:25	1:35	1:55	2:05	2:15	2:40
1:50	2:00	2:20	2:30	2:40	3:05
2:15	2:25	2:45	2:55	3:05	3:30
2:40	2:50	3:10	3:20	3:30	3:55
3:05	3:15	3:35	3:45	3:55	4:20
3:30	3:40	4:00	4:10	4:20	4:45
3:55	4:05	4:25	4:35	4:45	5:10
4:20 c	4:30	4:55	5:05	5:15	5:40
4:45	4:55	5:15	5:25	5:35	5:55
5:10	5:20	5:40	5:48	5:55	6:15
5:40	5:50	6:10	6:18	6:25	6:45
6:15	6:25	6:40	6:48		7:20
7:20	7:30	7:50	7:58		8:25
8:25	8:35	8:55	9:03		9:30
9:00	9:10	9:30	9:38		10:05
9:45	9:55	10:10 *	10:18 *		10:45 *

c - Bus runs via outer Congress Street as far as Nichols Portland and then regular route to Maine Mall except will not serve Hannaford

* - Bus runs to intown Portland and continues to Westbrook

x - Except Saturdays

NOTICE: Route #5 operates using special funding. Loss of this funding could result in a reduction of route #5 service. Please contact METRO in the event of announced changes for more details.

SUNDAY

INBOUND Departs			OUTBOUND Arrives/Departs				INBOUND Arrives			
Congress & St. John Street	Congress & Elm	Walnut & Promenade	Congress & Elm	Congress & St. John Street	PTC	Maine Mall (Macy's & J.C. Penney stops only)	PTC			
9:10	9:17	9:25	8:15	8:25	8:30	8:50	9:05			
10:30	10:37	10:45	9:35	9:45	9:50	10:10	10:25			
11:20	11:27	11:35	10:55	11:05	11:10	11:30	11:45			
11:50	11:57	12:05	11:45	11:55	12:00	12:20	12:35			
12:40	12:47	12:55	12:15	12:25	12:30	12:50	1:05			
1:10	1:17	1:25	1:05	1:15	1:20	1:40	1:55			
2:00	2:07	2:15	1:35	1:45	1:50	2:10	2:25			
2:30	2:37	2:45	2:25	2:35	2:40	3:05	3:20			
3:25	3:32	3:45	2:55	3:05	3:10	3:30	3:45			
3:50	3:57	4:05	4:00	4:10	4:15	4:45	5:00			
5:05	5:12	5:20	ends at Congress/St. John			5:35	5:45	5:50	6:20	6:35
6:40	6:47	6:55	6:15 *	6:25	6:30					
			7:05	7:15	ends at Walnut Promenade					

* - Bus returning from Westbrook

Sunday only: No stops at Hannaford. 4:05 trip does not return downtown.

Also see ROUTE 1 for Sunday service to the Maine Mall

6 North Deering

Washington Avenue

	OUTBOUND Departs				INBOUND Departs				Arrives
	METRO PULSE (Elm St.)	Congress & Washington	Veranda & Olympia	Maine & Virginia	Banknorth & Falmouth Crossing	Washington & Ocean	Veranda Olympia	METRO PULSE (Elm St.)	
MONDAY - FRIDAY	5:45 x**	5:50			6:15 x**				
	6:15	6:20			6:40	6:55	7:00	7:15	
	6:45	6:50			7:10	7:25	7:30	7:45	
	7:15	7:20			7:40	7:55		8:15	
	7:45	7:50		8:00	8:10	8:25		8:45	
	8:15	8:20			8:40	8:55		9:15	
	8:45	8:50			9:10	9:25		9:45	
	9:45	9:50			10:10	10:25		10:45	
	10:45	10:50			11:10	11:25		11:45	
	11:45	11:50			12:10	12:25		12:45	
	12:45	12:50			1:10	1:25		1:45	
	1:45	1:50			2:15	2:28		2:45	
	2:15	2:20			2:45	2:58		3:15	
	2:45	2:50	2:55		3:15	3:28		3:45	
	3:15	3:20		3:30	3:45	3:58		4:15	
	3:45	3:50			4:15	4:28		4:45	
	4:15	4:20	4:25		4:45	4:58		5:15	
	4:45	4:50			5:15	5:28		5:45	
	5:15	5:20			5:45	5:58		6:15	
5:45	5:50			6:15	6:28		6:45		
6:15 x**	6:20			6:45 x**					
7:20 x**	7:25			7:50 x**					
8:25 x**	8:30			8:55 x**					
9:30 x** P	9:35			9:50 x**			10:40		
SATURDAY	7:15 x**	7:20			7:45 x	7:55	8:00	8:15	
	8:15 x**	8:20		8:30	8:45 x	8:55		9:15	
	9:20 x**	9:25			9:45 x	9:55	10:00	10:15	
	10:20 x**	10:25			10:45 x	10:55		11:15	
	11:20 x**	11:25			11:45 x	11:55		12:15	
	12:20 x**	12:25			12:45 x	12:55		1:15	
	1:20 x*	1:25			1:45 x	1:55		2:15	
	2:20 x*	2:25	2:30		2:45 x	2:55		3:15	
	3:20 x*	3:25		3:35	3:45 x	3:55		4:15	
	4:20 x*	4:25	4:30		4:45 x	4:55		5:15	
	5:20 x*	5:25			5:45 x	5:55		6:15	
	6:15 x**	6:20			6:45 x**				
	7:20 x**	7:25			7:50 x**				
	8:25 x**	8:30			8:55 x**				
	9:30 x** P	9:35			9:50 x**			10:40	

NO SUNDAY SERVICE

** - Trips operate in a loop running outbound via Route 6 then Inbound on Route 3 routes (See Map - Route 6/3). Runs only as far as Washington and Lambert.

❖ - Inbound buses from Olympia St. will use Veranda St. to Washington Ave.

x - Leaves from Washington and Lambert. (No service to Falmouth)

P - Runs to Park 'n Ride Lot at Four Seasons Bingo

Route #7 / Falmouth

MONDAY - SATURDAY	OUTBOUND Departs				INBOUND Arrives/Departs				
	PULSE/ Elm St.	Washington & Veranda	Wal-mart	Shaw's	Oceanview	Shaw's	Wal-mart	Washington & Veranda	Arrives PULSE/ Elm St.
6:30	6:38	6:46	6:50	6:55	7:05	7:10	7:15	7:30	
7:30	7:38	7:46	7:50	7:55	8:05	8:10	8:15	8:30	
8:30	8:38	8:46	8:50	8:55	9:05	9:10	9:15	9:30	
9:30	9:38	9:46	9:50	9:55	10:05	10:10	10:15	10:30	
10:30	10:38	10:46	10:50	10:55	11:05	11:10	11:15	11:30	
11:30	11:38	11:46	11:50	11:55	12:05	12:10	12:15	12:30	
12:30	12:38	12:46	12:50	12:55	1:05	1:10	1:15	1:30	
1:30	1:38	1:46	1:50	1:55	2:05	2:10	2:15	2:30	
2:30	2:38	2:46	2:50	2:55	3:05	3:10	3:15	3:30	
3:30	3:38	3:46	3:50	3:55	4:05	4:10	4:15	4:30	
4:30	4:38	4:46	4:50	4:55	5:05	5:10	5:15	5:30	
5:30	5:38	5:46	5:50	5:55	6:05	6:10	6:15	6:30	
6:30	6:38	6:46	6:50	6:55	7:05	7:10	7:15	7:30	

NO SUNDAY SERVICE

8 Peninsula Loop (Pine Street)

Casco Bay Ferry Terminal

	OUTBOUND Departs					INBOUND Arrives		
	Casco Bay Ferry Terminal	Franklin Towers	Marginal Way	Hannaford Plaza	Congress & Forest	Maine Medical Center	Congress & Forest (Hannaford's Florist)	Casco Bay Ferry Terminal
MONDAY - FRIDAY	6:42				6:46	6:52	7:02	7:12
		6:48	6:56	7:04	7:12	7:21	7:31	7:42
	7:12	7:18	7:26	7:34	7:42	7:51	8:01	8:12
	7:42	7:48	7:56	8:04	8:12	8:21	8:31	8:42
	8:12	8:18	8:26	8:34	8:42	8:51	9:01	9:12
	8:42	8:48	8:56	9:04	9:12	9:21	9:31	9:42
	9:12	9:18	9:26	9:34	9:42	9:51	10:01	10:12
	9:42	9:48	9:56	10:04	10:12	10:21	10:31	10:42
	10:12	10:18	10:26	10:34	10:42	10:51	11:01	11:12
	10:42	10:48	10:56	11:04	11:12	11:21	11:31	11:42
	11:12	11:18	11:26	11:34	11:42	11:51	12:01	12:12
	11:42	11:48	11:56	12:04	12:12	12:21	12:31	12:42
	12:12	12:18	12:26	12:34	12:42	12:51	1:01	1:12
	12:42	12:48	12:56	1:04	1:12	1:23	1:35	1:47
	1:12	1:18	1:26	1:34	1:42	1:53	2:05	2:17
	1:47	1:53	2:01	2:09	2:17	2:28	2:40	2:52
	2:17	2:23	2:31	2:39	2:47	2:58	3:10	3:22
	2:52	2:58	3:06	3:14	3:22	3:33	3:45	3:57
3:22	3:28	3:36	3:44	3:52	4:03	4:15	4:27	
3:57	4:03	4:11	4:19	4:27	4:38	4:50	5:05	
4:27	4:33	4:41	4:49	4:57	5:08	5:20	5:35	
5:05	5:11	5:19	5:27	5:35	5:46	6:00	6:10	
5:35	5:41	5:49	5:55	6:00	ends of Forest/Congress			
6:10	6:14	ends of Franklin Towers						
SATURDAY	8:00	8:05			8:13	8:23	8:33	8:42
	8:42	8:49		8:55	9:02	9:10	9:22	9:32
	9:32	9:39		9:45	9:52	10:00	10:12	10:22
	10:22	10:29		10:35	10:42	10:50	11:02	11:15
	11:15	11:22		11:28	11:35	11:43	11:55	12:05
	12:05	12:12		12:18	12:25	12:33	12:45	12:55
	12:55	1:02		1:08	1:15	1:24	1:37	1:48
	1:48	1:55		2:01	2:08	2:16	2:29	2:40
	2:40	2:46		2:52	2:58	3:09	3:22	3:33
	3:33	3:40		3:48	3:54	4:05	4:18	4:29
	4:29	4:36		4:44	4:50	5:01	5:14	5:25
	5:25	5:32		5:40	5:46	5:55	6:08	6:19
	6:19	6:25	ends of Franklin Towers					

NO SUNDAY SERVICE

Dotted line indicates limited service June thru October. Call METRO for details.
(See Map for Route 8A)

APPENDIX C
SAMPLE SURVEY INSTRUMENT

2005 ON/OFF METRO SURVEY OF					
ROUTE 1: CONGRESS ST.					
WEEKDAY SERVICE			101A	102A	
	TRIP SEQUENCE	Out: 5:36 AM		Out: 6:00 AM	
	DIRECTION	In: 5:52 AM		In: 6:16 AM	
	SCHEDULED TIME				
BUS STOPS		ON	OFF	ON	OFF
PASSENGERS ALREADY ON					
ST. JOHN	117 ST JOHN				
ST. JOHN	D				
ST. JOHN	C				
ST. JOHN	A				
CONGRESS	GILMAN				
CONGRESS	FOREST				
CONGRESS	WEYMOUTH				
CONGRESS	ELLSWORTH				
CONGRESS	BRAMHALL				
CONGRESS	NEAL				
CONGRESS	DOW				
CONGRESS	STATE				
CONGRESS	PARK				
CONGRESS	HIGH				
CONGRESS	OAK				
CONGRESS	CENTER				
CONGRESS	ELM				
CONGRESS	MARKET				
CONGRESS	LINCOLN				
CONGRESS	HAMPSHIRE				
CONGRESS	INDIA				
CONGRESS	MOUNTFORT				
CONGRESS	SHERIDAN				
NORTH	CUMBERLAND				
NORTH	QUEBEC				
NORTH	WALNUT				
NORTH	ISLAND VIEW APTS.				
E. PROMENADE	WALNUT				
E. PROMENADE	MELBOURNE				
E. PROMENADE	QUEBEC				
E. PROMENADE	TURNER				
E. PROMENADE	CONGRESS				
E. PROMENADE	MOODY				
E. PROMENADE	VESPER				

2005 ON/OFF METRO SURVEY OF					
ROUTE 1: CONGRESS ST.					
WEEKDAY SERVICE			101A		102A
	TRIP SEQUENCE	Out: 5:36 AM		Out: 6:00 AM	
	DIRECTION	In: 5:52 AM		In: 6:16 AM	
	SCHEDULED TIME				
BUS STOPS		ON	OFF	ON	OFF
PASSENGERS ALREADY ON					
MONJOY	MIDBLOCK				
MUNJOY	WILSON				
MUNJOY	CONGRESS				
CONGRESS	LAFAYETTE				
CONGRESS	SHERIDAN				
CONGRESS	WASHINGTON				
CONGRESS	INDIA				
CONGRESS	FRANKLIN				
CONGRESS	LINCOLN PARK				
CONGRESS	CHESNUT				
CONGRESS	ELM				
CONGRESS	BROWN				
CONGRESS	FOREST AVE.				
CONGRESS	PARK ST.				
CONGRESS	STATE				
CONGRESS	MELLEN				
CONGRESS	MID BLOCK				
CONGRESS	DEERING				
CONGRESS	ELLSWORTH				
CONGRESS	WEYMOUTH				
CONGRESS	FOREST ST.				
CONGRESS	VALLEY				
ST. JOHN	UNION STATION				
ST. JOHN	242 ST JOHN				
ST. JOHN	D				
ST. JOHN	117 ST JOHN				
ST. JOHN	70 ST JOHN				

APPENDIX D

CORRELATION ANALYSIS

Summary Correlation Testing Statistics Monthly Fare-Box and Survey Passenger Counts by Route Distribution			
Correlation Coefficient (Pearsons' r) = 0.9886			
Coefficient of Determination (r^2) = 0.977			
Correlation Coefficient Significance Test; Critical Level = 2.42; t = 16.13			
Route	METRO Ridership April, 2005 (x)	On/Off Survey Ridership (Boardings) (y)	
1	17,698	1,304	
2	15,060	979	
3	8,327	479	
4	24,568	1,707	
5	19,842	1,335	
6	8,014	452	
7	4,587	343	
8	10,579	553	
Total	108,675	7,152	

APPENDIX E

RIDERSHIP COMPARISONS
BETWEEN 1997, 1999, 2002, 2003 AND 2005

Exhibit I
METRO Monthly Ridership for April 2005 compared to 1997, 1999, 2001 and 2003

Route	1997*		1999*		2001*		2003*		2005*		Percent Difference 2003/2005
	Actual	Percentage	Actual	Percentage	Actual	Percentage	Actual	Percentage	Actual	Percentage	
1	14,505	15%	13,375	13%	16,476	16%	19,218	18%	17,698	16%	-7.9%
2	10,027	10%	10,219	10%	16,456	16%	16,371	15%	15,060	14%	-0.5%
3	8,473	9%	8,209	8%	7,591	7%	6,394	6%	8,327	8%	-15.8%
4	24,943	26%	28,490	29%	23,505	22%	25,472	24%	24,568	23%	8.4%
5	22,620	23%	21,511	22%	22,922	22%	19,539	18%	19,842	18%	-14.8%
6	7,204	7%	7,343	7%	8,296	8%	9,040	8%	8,014	7%	9.0%
7	NA	NA	NA	NA	NA	NA	NA	NA	4,587	4%	NA
8	9,968	10%	10,539	11%	9,908	9%	10,431	10%	10,579	10%	5.3%
Total	97,740	100%	99,686	100%	105,154	100%	106,465	100%	108,675	100%	1.2%

*Monthly Ridership information provided by The Greater Portland Transit District (METRO)

Exhibit II
Survey Ridership for April 2005 compared to 1997,1999, 2001, and 2003

Route	1997		1999		2001		2003		2005		Percent Difference 2003/2005
	Survey	Percentage	Survey	Percentage	Survey	Percentage	Survey	Percentage	Survey	Percentage	
1	1,283	19%	1,323	18%	1,407	18%	1,741	23%	1,304	18%	-25.1%
2	677	10%	704	10%	1,079	14%	905	12%	979	14%	8.2%
3	588	9%	581	8%	551	7%	485	6%	479	7%	-1.2%
4	1,701	25%	1,801	25%	1,950	25%	1,883	24%	1,707	24%	-9.3%
5	1,495	22%	1,706	23%	1,709	22%	1,433	19%	1,335	19%	-6.8%
6	472	7%	452	6%	503	6%	538	7%	452	6%	-16.0%
7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	343	5%	N/A
8	639	9%	712	10%	693	9%	720	9%	553	8%	-23.2%
Total	6,855	100%	7,279	100%	7,892	100%	7,705	100%	7,152	100%	-7.2%

APPENDIX F
PASSENGER BOARDINGS/DEPARTURES
BY TIME OF DAY

Exhibit I
Route One: Congress Street: Weekdays

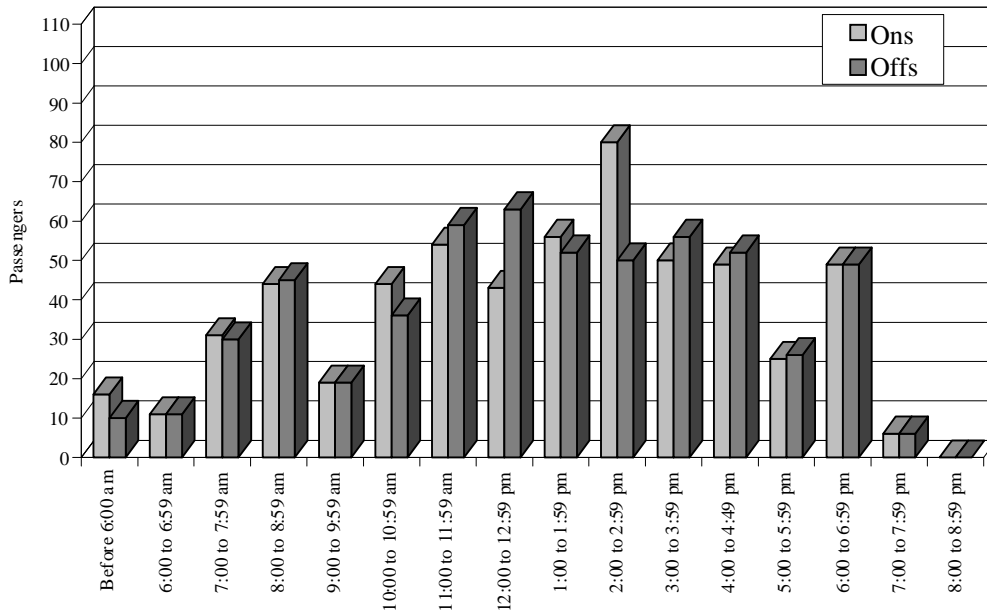


Exhibit II
Route One: Congress Street: Saturdays

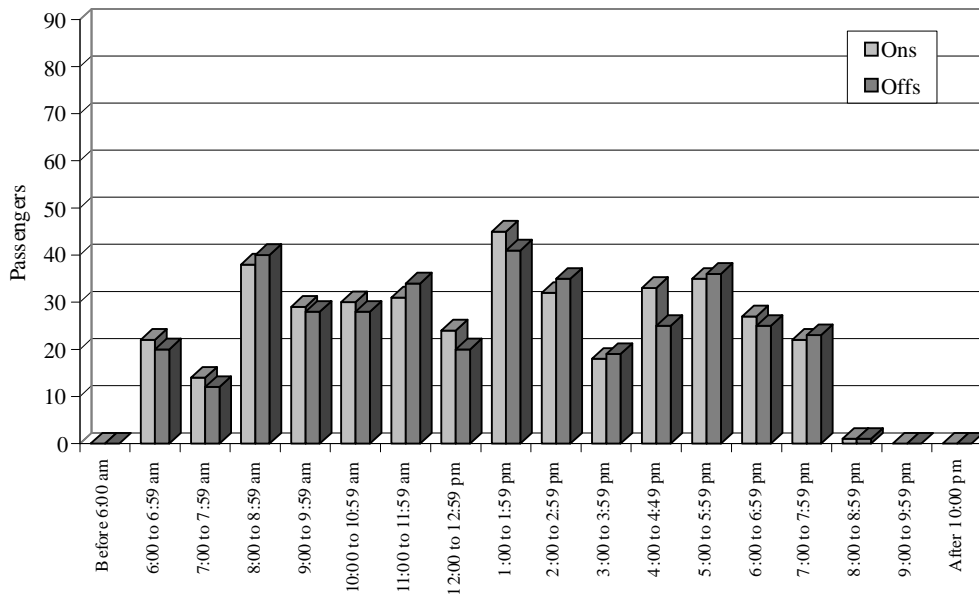
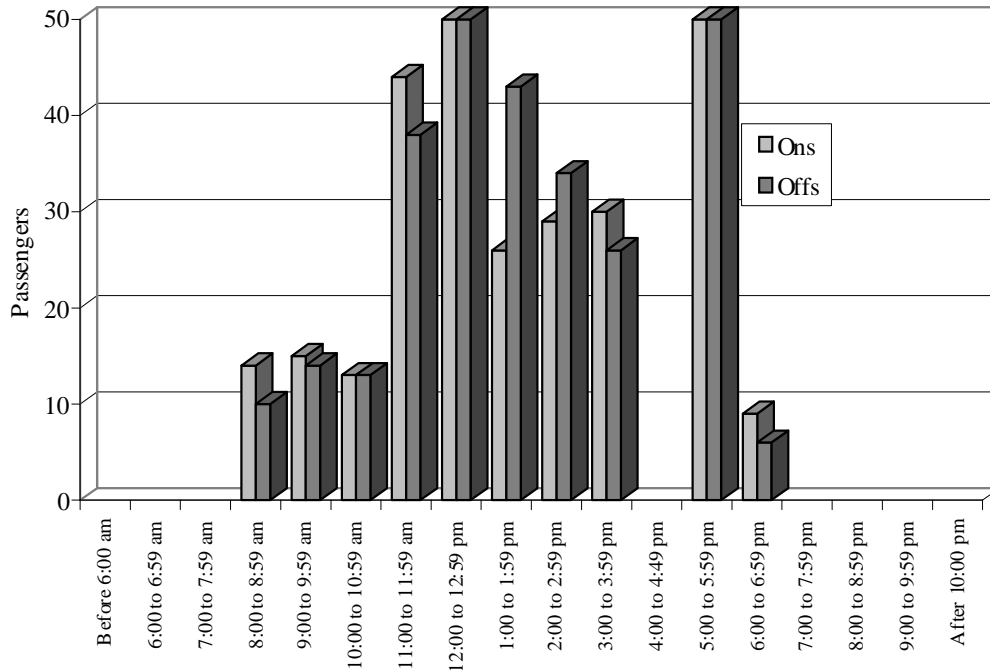
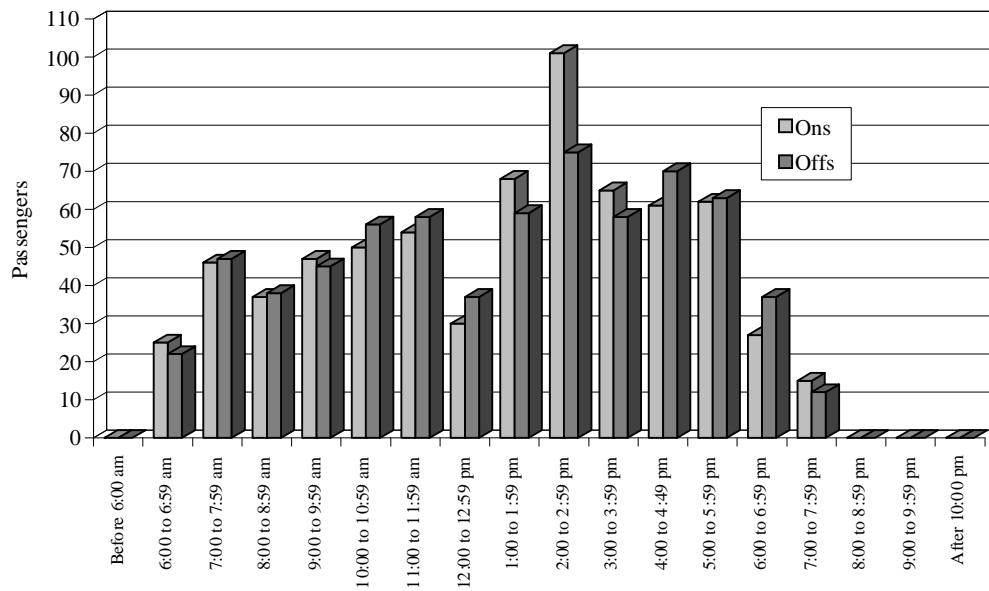


Exhibit III
Route One/Five: Congress Street/Maine Mall: Sundays



**Exhibit IV
Route Two: Riverton: Weekdays**



**Exhibit V
Route Two: Riverton: Saturdays**

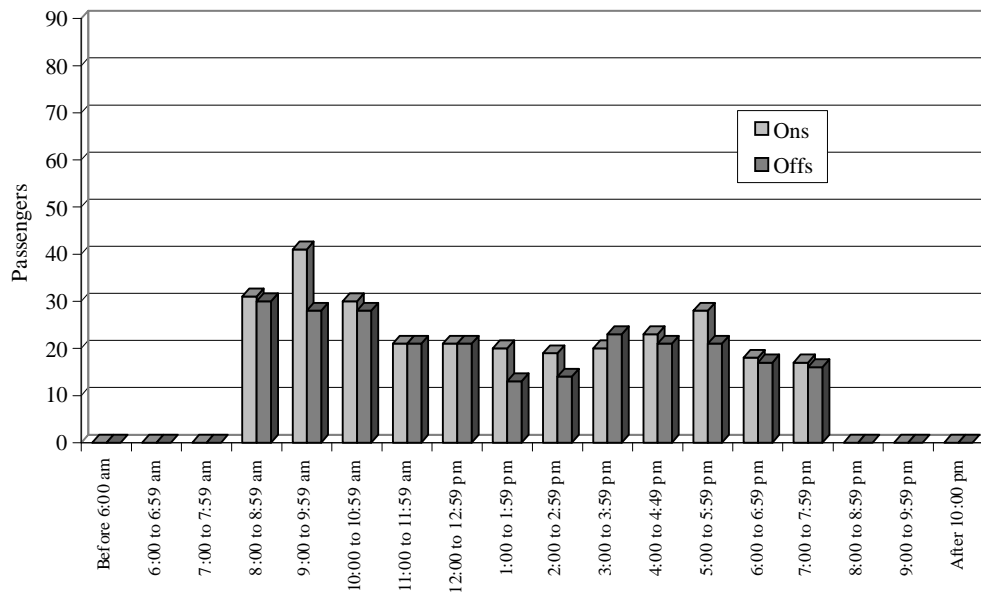


Exhibit VI
Route Three: North Deering/Stevens Ave.: Weekdays

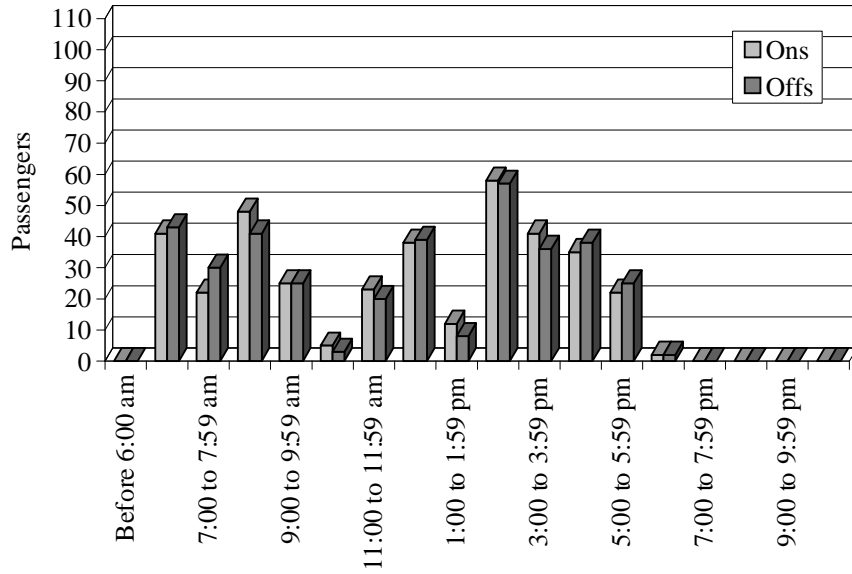


Exhibit VII
Route Three: North Deering/Stevens Ave.: Saturdays

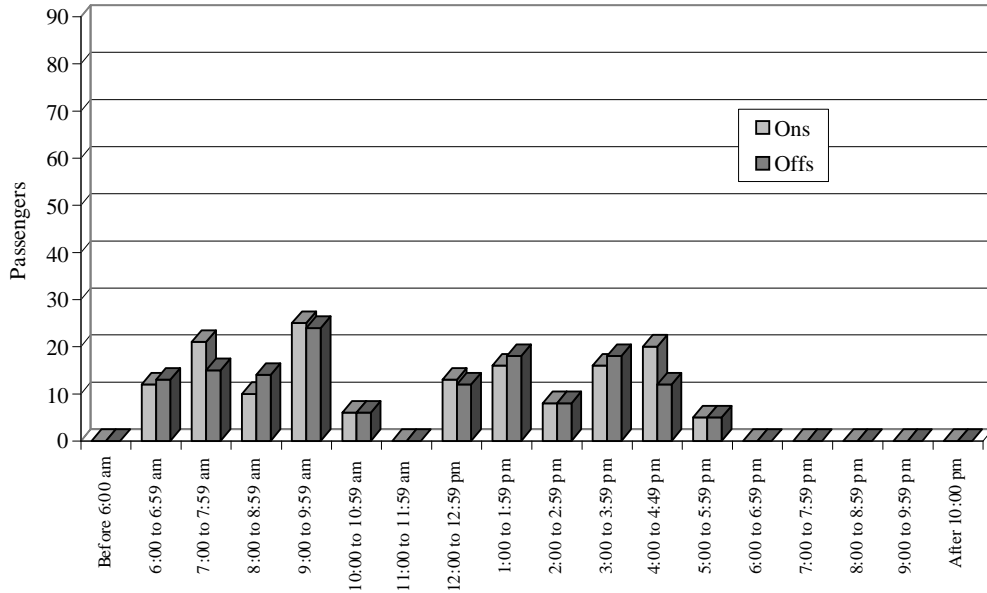


Exhibit VIII Route Four: Westbrook: Weekdays

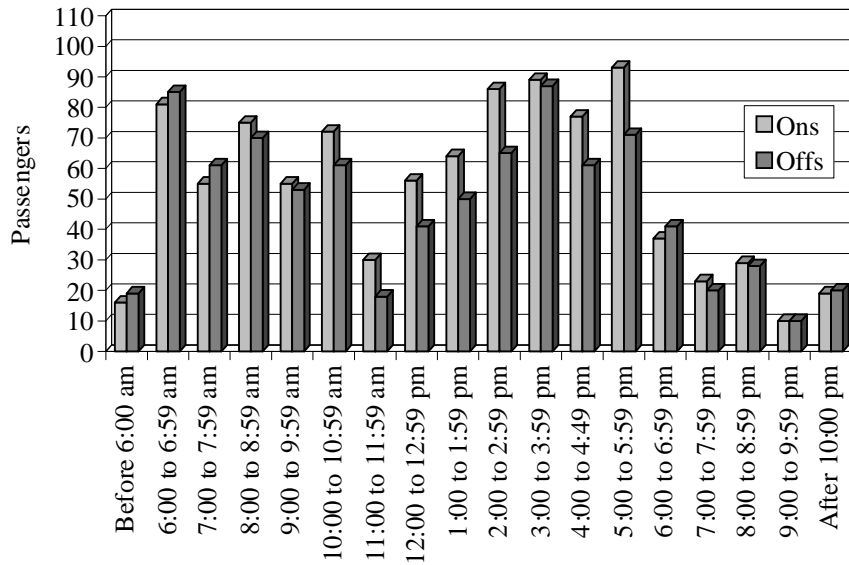
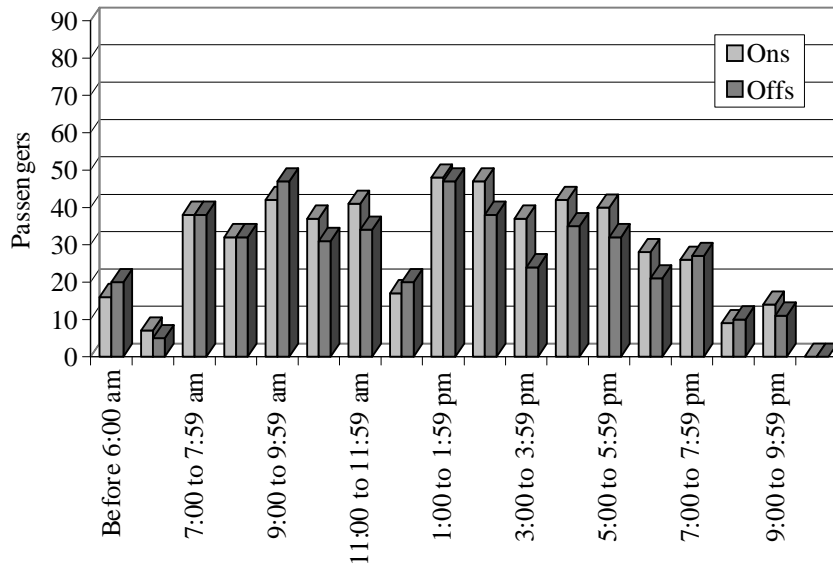


Exhibit IX Route Four: Westbrook: Saturdays



**Exhibit X
Route Four: Westbrook: Sundays**

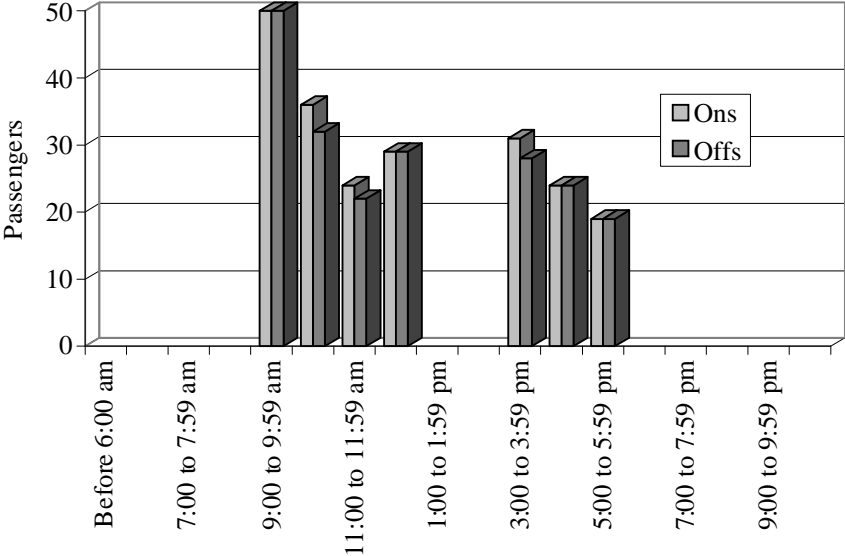


Exhibit XI Route Five: Maine Mall: Weekdays

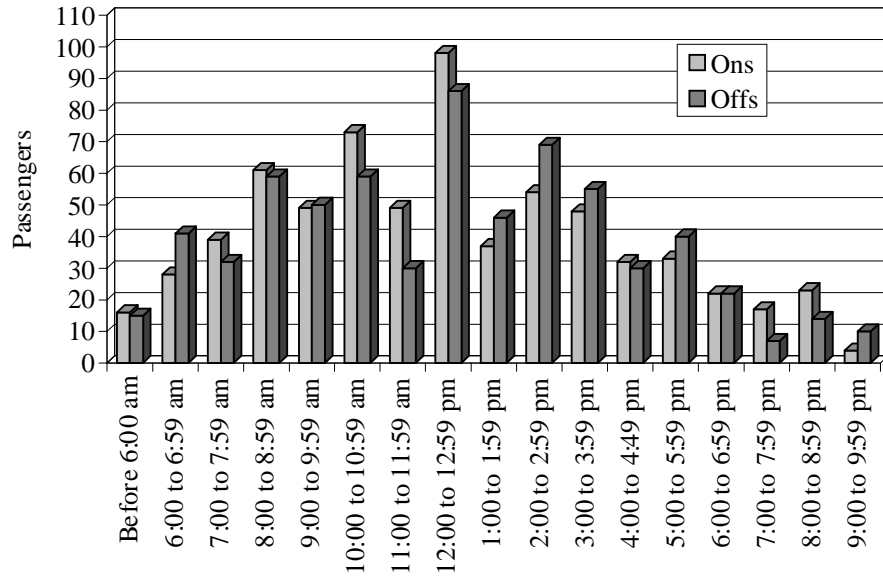


Exhibit XII Route Five: Maine Mall: Saturdays

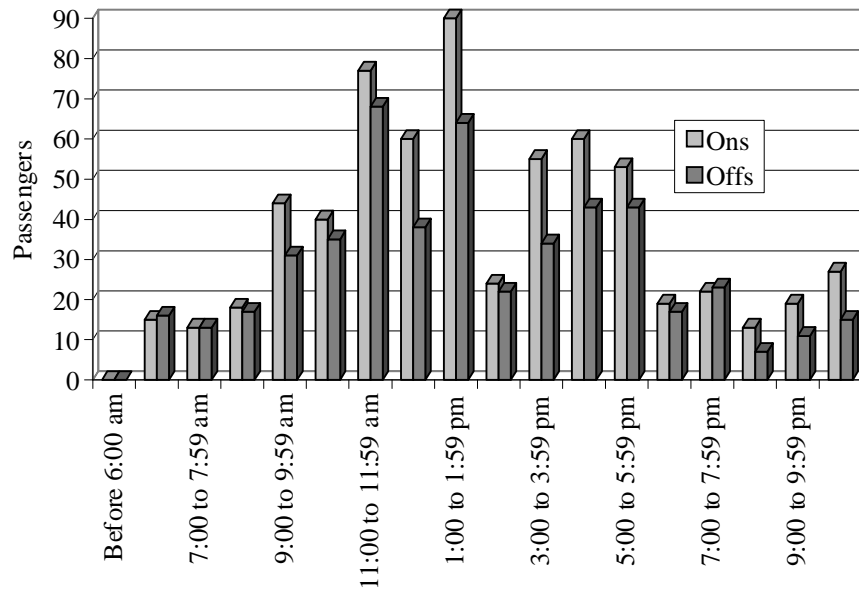


Exhibit XIII
Route Six: North Deering/Washington Ave.: Weekdays

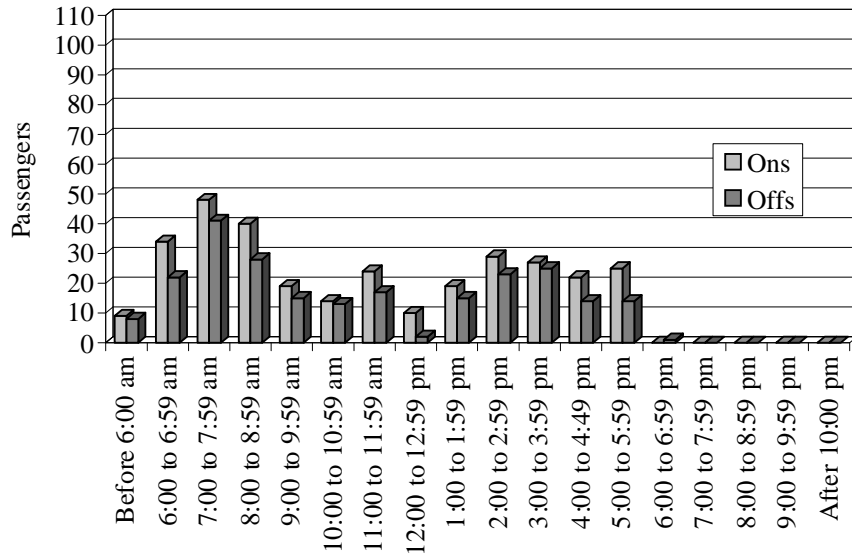
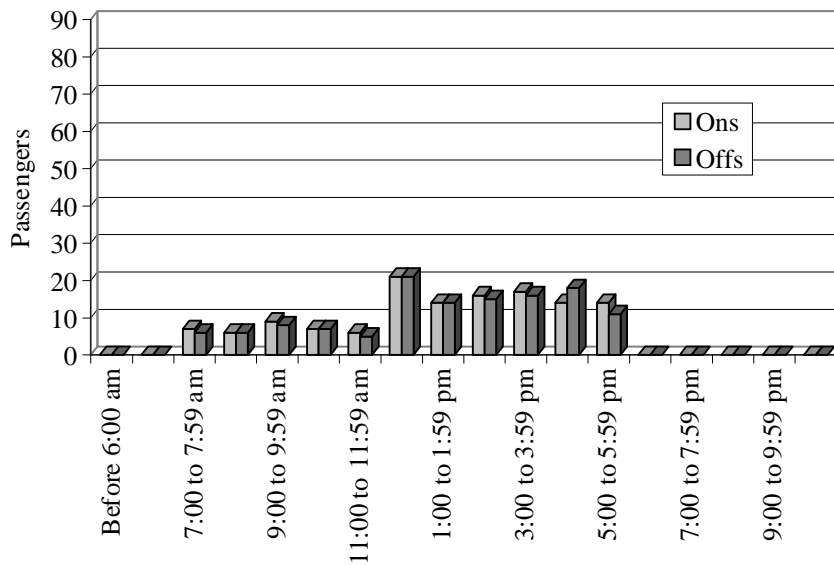


Exhibit XIV
Route Six: North Deering/Washington Ave.: Saturdays



**Exhibit XV
Route Seven: Falmouth: Weekdays**

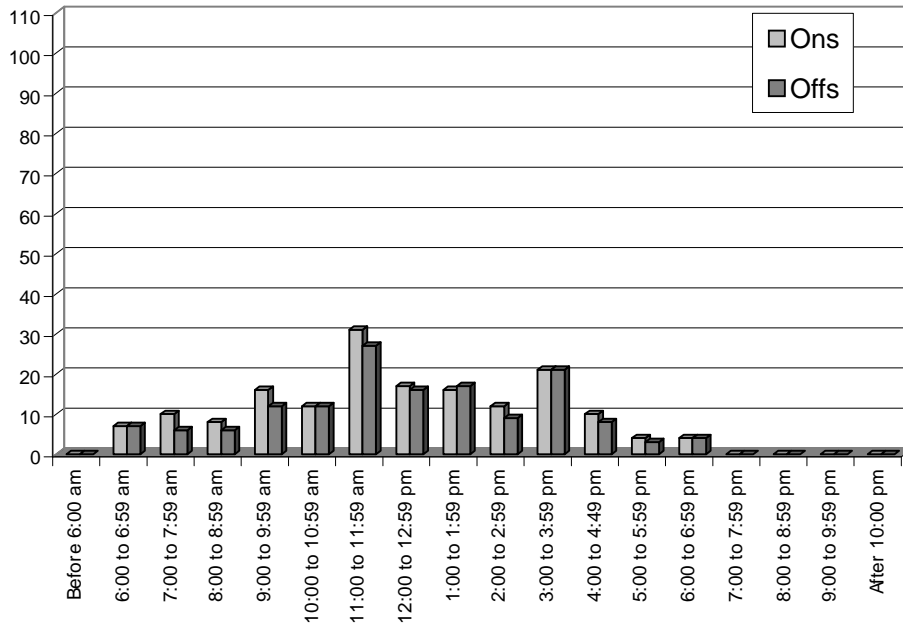
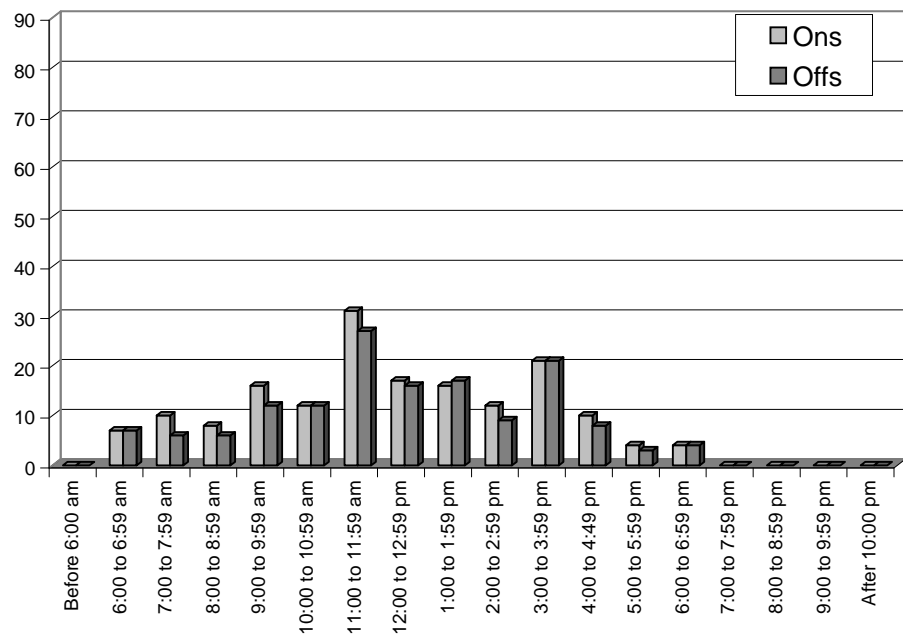
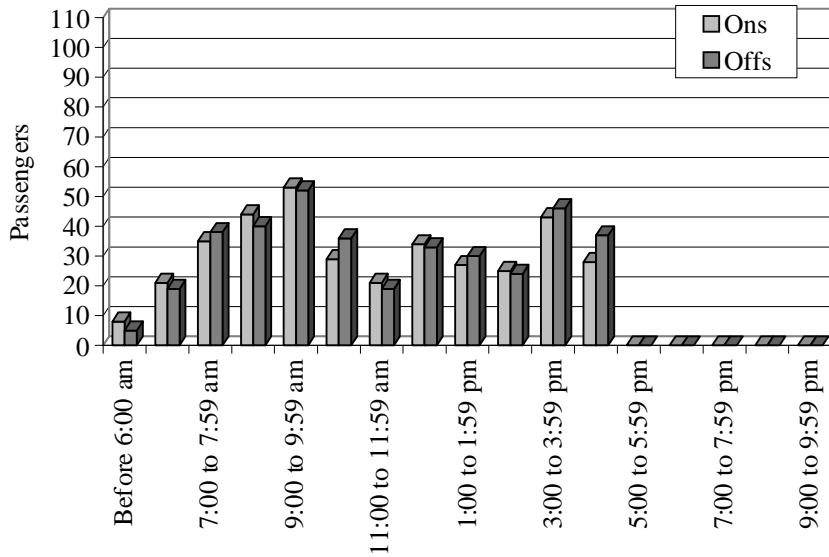


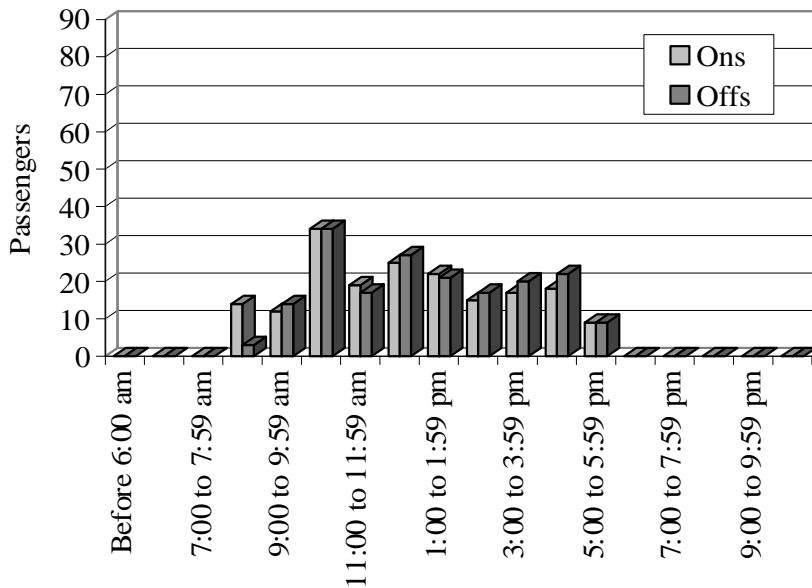
Exhibit XVI Route Seven: Falmouth: Saturday



**Exhibit XVII
Route Eight: Pine Street: Weekdays**



**Exhibit XVIII
Route Eight: Pine Street: Saturdays**



APPENDIX G

2005 METRO ON/OFF SURVEY SUMMARY TABLES

TABLE 1							
WEEKDAY BOARDINGS BY TIME OF DAY 2005							
	< 6:15 AM AM OTHER	6:15 - 9:15 AM AM PEAK	9:15 AM - 2:15 PM BASE	2:15 - 6:15 PM PM PEAK	>6:15 PM PM OTHER	DAILY TOTAL	
1	16	86	264	199	12	577	
2	6	131	275	247	29	688	
3		91	137	124	27	379	
4	36	205	269	340	117	967	
5	0	97	291	253	44	685	
6	9	95	89	97	30	320	
7	0	19	103	47	6	175	
8	0	108	164	96	0	368	
6/3	9	8	0	0	57	74	
TOTALS	67	832	1592	1403	265	4,159	

TABLE 2						
WEEKDAY BOARDINGS BY BUS ROUNDTRIP 2005						
ROUTE	< 6:15 AM AM OTHER	6:15 - 9:15 AM AM PEAK	9:15 AM - 2:15 PM BASE	2:15 - 6:15 PM PM PEAK	>6:15 PM PM OTHER	
1	16, 0	0, 11, 0, 23, 0, 23, 0, 29, 0	0, 19, 0, 18, 18, 15, 26, 21, 22, 21 30, 26, 22, 26	42, 14, 35, 12, 28, 8, 17, 14, 19, 10	6, 6, 0	
2	6	12, 24, 12, 15, 16, 11, 8, 1	13, 18, 15, 14, 16, 20, 22, 11, 11, 19, 26, 8, 23, 36, 23	32, 20, 26, 25, 23, 17, 16, 22, 24, 14, 8, 20	14, 15, 0	
3		8, 17, 22, 22, 15, 7	9, 15, 6, 10, 13, 38, 38, 8	8, 33, 19, 29, 15, 12, 8	5, 15, 7, 0	
4	16	17, 24, 27, 9, 14, 10, 27, 1 18, 13, 23, 10	21, 5, 22, 11, 37, 30, 41, 19, 26, 4 19, 7, 26	43, 23, 16, 32, 23, 28, 12, 24, 1 43, 9, 13, 25, 29, 16, 23	18, 22, 19, 29, 16,	
5		14, 24, 16, 18, 25	35, 31, 20, 29, 38, 27, 26, 25, 22, 38	33, 14, 31, 15, 12, 20, 22, 24, 13, 19, 28, 22	17, 12, 15	
6	9	18,17,18,11,18,13	16,20,19,10,24	14,13,15,8,13,17,12,5	6, 16, 8, 0	
7	0	7,9,3	4,14,11,25,16	33,22,12,13	6	
8	0	8,9,12,18,17	14,30,20,33,10,19,10,11,21,13	14,13,25,20,23,13,10,5	0	
6/3	9		8, 0	0	11,31,15, 0	

TABLE 3							
WEEKDAY PASSENGER MILES 2005							
	< 6:15 AM AM OTHER	6:15 - 9:15 AM AM PEAK	9:15 AM - 2:15 PM BASE	2:15 - 6:15 PM PM PEAK	>6:15 PM PM OTHER	DAILY TOTAL	
1	27.5	102.9	338.0	334.3	27.3	830.1	
2	17.9	407.7	822.8	882.1	104.8	2,235.3	
3		193.4	437.5	392.9	148.8	1,172.5	
4	174.9	783.0	1426.4	1720.6	600.4	4,705.3	
5	0.0	634.5	1550.5	1989.2	262.2	4,436.4	
6	17.5	535.1	429.7	387.5	139.4	1,509.2	
7	0.0	94.2	627.7	314.6	27.8	1,064.3	
8	0.0	201.1	371.6	241.5	0.0	814.1	
6/3	17.5	11.8	0.0	0.0	288.2	317.5	
TOTALS	237.8	2951.8	6004.1	6262.6	1,310.7	16,767.0	

TABLE 4					
WEEKDAY BOARDINGS PER BUS HOUR 2005					
	< 6:15 AM	6:15 - 9:15 AM	9:15 AM - 2:15 PM	2:15 - 6:15 PM	>6:15 PM
	AM OTHER	AM PEAK	BASE	PM PEAK	PM OTHER
1	16.0	14.3	23.1	24.6	10.1
2	10.3	14.6	18.3	20.6	12.9
3	0.0	15.3	16.1	15.7	12.0
4	36.0	17.0	18.9	21.7	19.5
5	0.0	16.2	24.1	17.9	13.9
6	18.0	15.8	17.8	12.1	15.0
7	0.0	6.3	17.2	11.8	6.0
8	0.0	16.7	15.9	15.9	0.0
6/3	18	16	NA	NA	13.4
	80.3	116.3	151.4	140.3	89.4

Number of hours each bus runs within the time period (ie am other)

TABLE 5						
WEEKDAY BUS HOURS 2005						
	< 6:15 AM	6:15 - 9:15 AM	9:15 AM - 2:15 PM	2:15 - 6:15 PM	>6:15 PM	
	AM OTHER	AM PEAK	BASE	PM PEAK	PM OTHER	DAILY TOTAL
rt 1-1	0.75	3	5.91	3.75	0.52	13.93
rt1-2	0.25	3	5.5	4.33	0.67	13.75
r1-total	1	6	11.41	8.08	1.19	27.68
rt2-1	0.58	3	5	4	0	12.58
rt2-2	0	3	5	4	2.25	14.25
rt2-3	0	3	5	4	0	12
rt2-total	0.58	9	15	12	2.25	38.83
rt4-1	1	3.52	2.75	3.75	1	12.02
rt4-2	0	3.25	1.5	4	4.99	13.74
rt4-3	0	2.66	5	4	0	11.66
rt4-4	0	2.66	5	3.91	0	11.57
rt4-total	1	12.09	14.25	15.66	5.99	48.99
rt5-1	0	3.65	4.91	5.75	2.08	16.39
rt5-2	0	2.32	4.65	4.75	1.08	12.8
rt5-3	0	0	2.5	3.66	0	6.16
rt-5-total	0	5.97	12.06	14.16	3.16	35.35
rt7	0	3	6	4	1	14
rt-8-1	0	3.58	5.17	3.72	0	12.47
rt8-2	0	2.9	5.17	2.3	0	10.37
rt8-total	0	6.48	10.34	6.02	0	22.84
rt3-1	0	0.5	0	0	0	0.5
rt3-2	0	3.1	5.43	3.67	0	12.183
rt3-3	0	2.35	3.08	4.25	0	9.68
rt3-4	0	0	0	0	2.25	2.25
rt.3 total	0	5.9	8.51	7.92	2.25	24.613
rt6-1	0.5	0	0	0	0	0.5
rt6-2	0	3	0	4	2	9
rt6-3	0	3	5	4	0	12
rt6-4	0	0	0	0	0	0
rt.6 total	0.5	6	5	8	2	21.5
rt3-1	0.5	0.5	0	0	0	1
rt3-2	0	0	0	0	0	0
rt3-3	0	0	0	0	0	0
rt3-4	0	0	0	0	4.25	4.25
rt.6/3	0.5	0.5	0	0	4.25	5.25

**TABLE 6
SATURDAY RIDERSHIP AND PASSENGER MILES 2005**

	NUMBER OF RIDERS	PASSENGER MILES
1	402	1,153.5
2	291	1,424.7
3	100	570.3
4	521	1,216.6
5	650	3,591.7
6	132	392.5
7	168	944.19
8	185	576.1
6/3	63	632.4
TOTALS	2,449	9,869.6

**TABLE 7
SATURDAY RIDERSHIP BY BUS ROUNDTRIP 2005**

ROUTE	RIDERS
1	22,14,9,14,15,21,8,14,14,2,9,15,7,17,7,13,12,20,7,12,13,7,11,10,13,10,10,6,19,7,16,4,22,1,
2	31,41,30,21,21,20,19,23,20,28,18,17,0
3	10,6,4,0,13,16,8,16,20,5, 3, 13, 2, 5
4	16,7,12,26,16,16,27,15,17,20,24,17,17,26,22,22,25,22,15,22,20,29,11,15,13,11,15,9,14,0
5	15,13,18,8,36,12,28,39,38,21,39,37,19,34,24,0,28,27,22,22,16,32,21,19,22,13,19,13,14
6	7,6,9,7,6,21,14,16,17,14,14, 11, 8, 10, 11
7	7,10,8,16,12,31,17,16,12,21,10,4,4
8	14,12,22,12,19,25,22,15,17,17,1,9,0
6/3	14, 21, 12, 16

**TABLE 8
SATURDAY RIDERSHIP PER BUS HOUR 2005**

	RIDERS	BUS HOURS	RIDERS PER HOUR
1	402	23.2	17.4
2	291	12.8	22.8
3	100	13.3	7.5
4	521	30.9	16.8
5	650	31.3	20.7
6	132	11.4	11.6
7	168	15.0	11.2
8	185	10.2	18.1
6/3	63	3.1	20.4

TABLE 9 SATURDAY BUS HOURS 2005							
	< 6:15 AM AM OTHER	6:15 - 9:15 AM AM PEAK	9:15 AM - 2:15 PM BASE	2:15 - 6:15 PM PM PEAK	>6:15 PM PM OTHER		DAILY TOTAL
rt 1-1	0	2.49	4.96	3.98	1.26		12.69
rt1-2	0	0.75	4.45	3.8	1.48		10.48
rt1-total	0	3.24	9.41	7.78	2.74		23.17
rt2-1	0	1	5	4	2.75		12.75
rt2-2	0	0	0	0	0		0
rt2-3	0	0	0	0	0		0
rt2-4	0	0	0	0	0		0
rt2-total	0	1	5	4	2.75		12.75
rt4-1	0.67	2.5	5	4	5.25		17.42
rt4-2	0	3	5	4	1.5		13.5
rt4-3	0	0	0	0	0		0
rt4-4	0	0	0	0	0		0
rt4-total	0.67	5.5	10	8	6.75		30.92
rt5-1	0.17	2.31	2.35	3.75	5.67		14.25
rt5-2	0	1.17	5.75	4.41	2.08		13.41
rt5-3	0	0	1.17	2.5	0		3.67
rt-5-total	0.17	3.48	9.27	10.66	7.75		31.33
rt7	0	2.75	7	4	1.25		15
rt-8-1	0	1.25	5.16	3.65	0.18		10.24
rt8-2	0	0	0	0	0		0
rt8-total	0	1.25	5.16	3.65	0.18		10.24
rt3-1	0	1.08	2.17	2.17	0		5.42
rt3-2	0	0	3.17	2.08	2.66		7.91
rt3-3	0	0	0	0	0		0
rt3-4	0	0	0	0	0		0
rt.3 total	0	1.08	5.34	4.25	2.66		13.33
rt6-1	0	0.75	1.83	2	1.17		5.75
rt6-2	0	0.75	2	1.75	1.17		5.67
rt6-3	0	0	0	0	0		0
rt6-4	0	0	0	0	0		0
rt.6 total	0	1.5	3.83	3.75	2.34		11.42
rt3-1	0	0	0	0	1.17		1.17
rt3-2	0	0	0	0	1.92		1.92
rt3-3	0	0	0	0	0		0
rt3-4	0	0	0	0	0		0
rt.6/3	0	0	0	0	3.09		3.09

TABLE 10 SUNDAY RIDERSHIP AND PASSENGER MILES 2005		
	NUMBER OF RIDERS	PASSENGER MILES
1	325	2,071.6
4	219	1,126.1
TOTALS	544	3,197.7

TABLE 11 SUNDAY RIDERSHIP BY BUS ROUNDTRIP 2005	
ROUTE	RIDERS
1	14,15,13,44,33,46,26,18,11,30,66,4,5
4	56,36,24,29,31,24,19

TABLE 12 SUNDAY RIDERSHIP PER BUS HOUR 2005			
	RIDERS	BUS HOURS	RIDERS PER HOUR
1	325	15.83	20.53
4	219	8.5	25.76

APPENDIX H
ROUTE INFORMATION BY STOP

2005 Weekday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 1: Congress ST.			ROUTE 1: Congress ST.		
OUTBOUND		ONS	OUTBOUND		OFFS
ST. JOHN	A	52	CONGRESS	CENTER	34
CONGRESS	CENTER	47	CONGRESS	ELM	30
ST. JOHN	117 ST JOHN	35	NORTH	CUMBERLAND	27
CONGRESS	GILMAN	30	CONGRESS	HAMPSHIRE	24
CONGRESS	STATE	21	CONGRESS	HIGH	18
CONGRESS	BRAMHALL	18	CONGRESS	INDIA	17
CONGRESS	HIGH	14	CONGRESS	MOUNTFORT	15
CONGRESS	ELM	14	CONGRESS	PARK	13
CONGRESS	PARK	12	CONGRESS	MARKET	11
CONGRESS	DOW	11	THREE TIED	WITH	10
INBOUND		ONS	INBOUND		OFFS
CONGRESS	FOREST AVE.	26	CONGRESS	ELM	43
CONGRESS	INDIA	25	ST. JOHN	UNION STATION	33
CONGRESS	FRANKLIN	22	CONGRESS	FOREST AVE.	21
CONGRESS	BROWN	21	ST. JOHN	70 ST JOHN	21
CONGRESS	LAFAYETTE	19	CONGRESS	VALLEY	17
CONGRESS	ELM	17	CONGRESS	DEERING	16
MUNJOY	CONGRESS	15	CONGRESS	PARK ST.	13
CONGRESS	WASHINGTON	15	ST. JOHN	117 ST JOHN	12
CONGRESS	SHERIDAN	10	CONGRESS	BROWN	11
CONGRESS	STATE	9	CONGRESS	STATE	11
2005 Saturday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 1: Congress STREET			ROUTE 1: Congress STREET		
OUTBOUND		ONS	OUTBOUND		OFFS
ST. JOHN	# 127	23	NORTH	CUMBERLAND	19
ST. JOHN	A	20	CONGRESS	CENTER	13
CONGRESS	CENTER	20	CONGRESS	HAMPSHIRE	13
CONGRESS	HIGH	16	E. PROM	VESPER	10
CONGRESS	BRAMHALL	13	CONGRESS	MARKET	10
CONGRESS	STATE	13	CONGRESS	ELM	10
CONGRESS	GILMAN	12	E. PROM	MOODY	10
CONGRESS	FOREST	12	NORTH	QUEBEC	9
CONGRESS	PARK	11	CONGRESS	OAK	8
CONGRESS	WEYMOUTH	10	THREE TIED	WITH	8
CONGRESS	OAK	10			
INBOUND		ONS	INBOUND		OFFS
CONGRESS	FOREST AVE.	18	ST. JOHN	UNION STATION	23
CONGRESS	INDIA	15	CONGRESS	VALLEY	23
CONGRESS	BROWN	14	ST. JOHN	70 ST JOHN	19
CONGRESS	ELM	13	CONGRESS	FOREST ST.	15
CONGRESS	WASHINGTON	9	CONGRESS	ELM	12
CONGRESS	STATE	7	CONGRESS	STATE	10
ST. JOHN	UNION STATION	7	CONGRESS	FOREST AVE.	9
MUNJOY	CONGRESS	6	CONGRESS	DEERING	9
CONGRESS	FRANKLIN	6	CONGRESS	ELLSWORTH	8
CONGRESS	LAYFAYETTE	5	CONGRESS	BROWN	7
			CONGRESS	PARK ST.	7

2005 Sunday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 1: Congress STREET			ROUTE 1: Congress STREET		
OUTBOUND		ONS	OUTBOUND		OFFS
J.C. PENNY		38	JORDAN MARSH		36
CONGRESS	ELM	28	J.C. PENNY		17
JORDAN MARSH		25	CONGRESS	CENTER	15
CONGRESS	FOREST AVE.	18	CONGRESS	ELM	13
CONGRESS	STATE	14	CONGRESS	STATE	11
CONGRESS	CASCO/BROWN	11	CONGRESS	ELM	10
CONGRESS	CENTER	8	CONGRESS	FOREST AVE.	10
CONGRESS	CHESTNUT	8	CONGRESS	VALLEY	9
FOUR TIED	WITH	7	NORTH	CUMBERLAND	9
			THREE TIED	WITH	8
Route 5: Maine Mall			Route 5: Maine Mall		
INBOUND		ONS	INBOUND		OFFS
CONGRESS	WESTGATE SHOPPING C	11	CONGRESS	FREDRICK	8
PORTLAND TRANSPORTATION CENTER		7	CONGRESS	WESTGATE SHOPPING C	3
CONGRESS	GILMAN	4	CONGRESS	SEWALL	3
WESTERN		3	PORTLAND TRANSPORTATION CENTER		2
JETPORT PLAZA		2	CONGRESS	#2000	2
CONGRESS	FREDRICK	2	CONGRESS	MASSACHUSETTS	2
			JOHNSON	AIRPORT ACCESS	1
			CONGRESS	ELKS CLUB	1
			CONGRESS	BRADLEY	1

2005 Weekday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 2: RIVERTON			ROUTE 2: RIVERTON		
OUTBOUND		ONS	OUTBOUND		OFFS
ELM	PULSE	195	FOREST	RIVERSIDE	41
PORTLAND	FOREST	41	FOREST	WARREN	21
FOREST	BAXTER	12	FOREST	DEERING PAVILLION	18
FOREST	FOREST AVE PLAZA	11	FOREST	HARRIS	17
FOREST	HARRIS	11	ELM	PULSE	15
OXFORD	ALDER	9	FOREST	WOODFORD	14
FOREST	WOODFORD	8	FOREST	999 FOREST AVE	14
FOREST	WARREN	7	FOREST	HOMESTEAD	13
ELMWOOD	Four Seasons Bingo	6	FOUR TIED	WITH	12
FOREST	Vannah	5			
INBOUND		ONS	INBOUND		OFFS
FOREST	RIVERTON	38	FOREST	CONGRESS	101
DEERING	REVERE	30	CONGRESS	CENTER	90
FOREST	CONGRESS	22	FOREST	PARK AVE	31
FOREST	DEERING PAVILLION	18	CONGRESS	OAK	14
FOREST	WILLIAM	18	FOREST	RIVERTON	11
CONGRESS	CENTER	16	FOREST	HIGH	11
FOREST	LINCOLN	15	FOREST	BEDFORD	8
FOREST	BEDFORD	15	ELM	PULSE	8
FOREST	WARREN	11	DEERING	REVERE	7
FOREST	MORILL	11	TWO TIED	WITH	6
2005 Saturday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 2: RIVERTON			ROUTE 2: RIVERTON		
OUTBOUND		ONS	OUTBOUND		OFFS
ELM	PULSE	94	FOREST	HARRIS	13
PORTLAND	FOREST	15	FOREST	1109 FOREST AVE	10
OXFORD	ALDER	7	FOREST	WOODFORD	8
FOREST	PLEASANT	6	FOREST	PLEASANT	7
FOREST	WALTON	6	FOREST	RIVERSIDE	7
FOREST	1161 FOREST AVE	4	FOREST	RIVERSIDE IND. PWY.	6
FOREST	WALL	4	FOREST	DEERING PAVILLION	6
FIVE TIED	WITH	3	FOREST	WALL	5
			FOREST	PREBLE EXT.	5
			FIVE TIED	WITH	3
INBOUND		ONS	INBOUND		OFFS
FOREST	RIVERTON	22	FOREST	CONGRESS	27
FOREST	CONGRESS	9	ELM	PULSE	19
FOREST	WALTON	7	FOREST	RIVERTON	12
FOREST	RIVERSIDE IND. PWY.	6	FOREST	PARK AVE	11
CONGRESS	CENTER	6	CONGRESS	CENTER	10
FOREST	MORILL	5	FOREST	BEDFORD	8
FOREST	TREMAINE	5	FOREST	ASHMONT	7
FOREST	FOREST GLEN	4	FOREST	DEERING PAVILLION	6
FOREST	POLAND	4	CONGRESS	OAK	6
SIX TIED	WITH	3	ELMWOOD	Four Seasons Bingo	5

2005 Weekday Route Information by Stop						
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips						
ROUTE 3: NORTH DEERING/Stevens AVE.			ROUTE 3: NORTH DEERING/Stevens AVE.			
OUTBOUND		ONS	*	OUTBOUND		OFFS *
ELM	PULSE	59		STEVENS	ORKNEY	22
CONGRESS	BROWN	18		AUBURN	NORTHGATE	11
CONGRESS	FOREST AVE.	15		ALLEN	YALE	9
CONGRESS	STATE	14		CONGRESS	MASSACHUSETTS	8
CONGRESS	DEERING	8		STEVENS	MORRILL	6
CONGRESS	MASSACHUSETTS	8		CONGRESS	STATE	5
CONGRESS	PARK STREET	4		CONGRESS	PARK STREET	5
CONGRESS	MELLEN	4		ALLEN	WOODLAWN	5
STEVENS	BRENTWOOD	4		CONGRESS	WEYMOUTH	5
THREE TIED	WITH	3		THRE TIED	WITH	4
INBOUND		ONS	6/3	INBOUND		OFFS 6/3
CONGRESS	BRADLEY	22	10	ELM	PULSE	53 7
STEVENS	WOODFORDS	18		CONGRESS	CENTER	37
CONGRESS	GILLMAN	18		CONGRESS	DOW	20 2
CONGRESS	MASSACHUSETTS	16	3	CONGRESS	STATE	9
STEVENS	DEERING HIGH SCHOOL	13		CONGRESS	OAK	8 2
AUBURN	NORTH DEERING GARD	11		CONGRESS	GILLMAN	6
STEVENS	POLAND	8		CONGRESS	NEAL	6
AUBURN	NORTHGATE	8	2	AUBURN	NORTH DEERING GARD	5
ALLEN	ESPE	7	1	CONGRESS	BRAMHALL	5
AUBURN	HUNTINGTON	6		CONGRESS	HIGH	5
*Note: Inbound includes 6/3 boardings and alightings						
2005 Saturday Route Information by Stop						
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips						
ROUTE 3: NORTH DEERING			ROUTE 3: NORTH DEERING			
OUTBOUND		ONS		OUTBOUND		OFFS
ELM	PULSE	23		AUBURN	NORTHGATE	5
CONGRESS	FOREST AVE.	5		AUBURN	RUSTIC	5
CONGRESS	BROWN	3		CONGRESS	FOREST AVE.	3
CONGRESS	MELLEN	3		STEVENS	BRIGHTON	3
CONGRESS	MID BLOCK	3		ALLEN	ABBOT	3
CONGRESS	DEERING	3		ALLEN	P.A.T.H.S.	3
AUBURN	NORTHGATE	3		NINE TIED	WITH	2
FIVE TIED	WITH	2				
INBOUND		ONS	6/3	INBOUND		OFFS 6/3
CONGRESS	BRADLEY	7		ELM	PULSE	12
AUBURN	JR STREET SCHOOL DRIVE	6		CONGRESS	MASSACHUSETTS	7
CONGRESS	GILLMAN	5		CONGRESS	HIGH	5
CONGRESS	MASSACHUSETTS	4		CONGRESS	CENTER	5
ALLEN	ESPE	2		WASHINGTON	AUBURN	4
CONGRESS	BRADLEY	2		CONGRESS	BRADLEY	3
CONGRESS	GILLMAN	2		CONGRESS	BRAMHALL	3
CONGRESS	STATE	2		ALLEN	PLYMOUTH	3
STEVENS	WOODFORDS	2		CONGRESS	DOW	3
FIFTEEN TIED	WITH	1				
*Note: Inbound includes 6/3 boardings and alightings						

2005 Weekday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 4: WESTBROOK			ROUTE 4: WESTBROOK		
OUTBOUND		ONS	OUTBOUND		OFFS
ELM	PULSE	277	BRIGHTON	SHOPPING CENTER	60
PORTLAND	FOREST	74	BRIGHTON	CABOT	36
BRIGHTON	BARRON CTR.	25	BRIGHTON	TAFT	34
BRIGHTON	CABOT	24	VALLEE SQ.		31
BRIGHTON	SHOPPING CENTER	20	BRIGHTON	BARRON CTR.	24
MAIN	LIZA HARMON	19	MAIN	WARREN	20
BRIGHTON	TAFT	13	ELM	PULSE	15
FOREST	BEDFORD	11	MAIN	LOCUST	13
WOODFORD	FOREST	11	BRIGHTON	BRIGHTON MED. CTR	12
MAIN	RIVERBANK PARK	9	BROWN	BRIDGE	12
INBOUND			INBOUND		
VALLEE SQ.		64	FOREST	CONGRESS	88
BRIGHTON	RAMADA INN	29	ELM	PULSE	75
CONGRESS	CENTER	20	CONGRESS	CENTER	66
BRIGHTON	RAND	16	FOREST	PARK	32
FOREST	BEDFORD	14	CONGRESS	OAK	20
MAIN	BLUEROCK	11	MAIN	BLUEROCK	8
BROWN	KING	10	FOREST	BEDFORD	7
BRIGHTON	CAPISIC	10	MAIN	YORK	7
BRIGHTON	MACHIGONNE	10	BRIGHTON	RAMADA INN	6
DEERING	REVERE	10	WOODFORD	STEVENS	6
2005 Saturday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 4: WESTBROOK			ROUTE 4: WESTBROOK		
OUTBOUND			OUTBOUND		
ELM	PULSE	137	BRIGHTON	SHOPPING CENTER	35
PORTLAND	FOREST	50	VALLEE SQ.		34
VALLEE SQ.		22	BRIGHTON	TAFT	32
BRIGHTON	BARRON CTR.	16	BRIGHTON	BARRON CTR.	21
WOODFORD	FOREST	9	BRIGHTON	CABOT	12
BRIGHTON	TAFT	9	MAIN	LIZA HARMON	11
BRIGHTON	SHOPPING CENTER	7	BROWN	BRIDGE	9
BRIGHTON	CABOT	6	MAIN	WARREN	9
MAIN	ASH	5	EIGHT TIED	WITH	5
THREE TIED	WITH	4			5
INBOUND			INBOUND		
VALLEE SQ.		37	CONGRESS	OAK	58
MAIN	BLUEROCK	18	ELM	PULSE	32
BRIGHTON	VALLES DENNYS	18	CONGRESS	CENTER	27
CONGRESS	OAK	17	FOREST	PARK	16
ELM	PULSE	16	FOREST	HIGH	11
BRIGHTON	RAND	15	MAIN	LEE DODGE	9
MAIN	BRIDGE	12	FOREST	BEDFORD	6
CONGRESS	CENTER	10	BRIGHTON	VALLES DENNYS	5
FIVE TIED	WITH	5	BRIGHTON	RAMADA INN	5
			TWO TIED	WITH	4

2005 Sunday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 4: WESTBROOK			ROUTE 4: WESTBROOK		
OUTBOUND		ONS	OUTBOUND		OFFS
ELM	CUMBERLAND	46	BRIGHTON	BRADLEES	26
PORTLAND	FOREST	21	VALLEE SQ.		17
OXFORD	ALDER	8	WOODFORD	FOREST	7
FOREST	PLAZA	6	BRIGHTON	TAFT	6
WOODFORD	FOREST	6	BRIGHTON	BARRON CTR.	5
FOREST	BEDFORD	2	BRIGHTON	CABOT	4
WOODFORD	HIGHLAND	2	MAIN	MASON	4
WOODFORD	STEVENS	2	MAIN	SPRING	4
BRIGHTON	EDGEWORTH	2	FOREST	BEDFORD	3
BRIGHTON	JEANNE	2	MAIN	RIVERSIDE PARK	3
BRIGHTON	BRADLEES	2			
INBOUND		ONS	INBOUND		OFFS
VALLEE SQ.		24	FOREST	CONGRESS	21
BRIGHTON	ROWE	11	FOREST	PARK	16
DEERING	REVERE	9	ELM	CUMBERLAND	10
MAIN	HANNAFORD	8	DEERING	REVERE	9
MAIN	BLUEROCK	7	FOREST	CUMBERLAND	9
MAIN	ROCHESTER	6	CONGRESS	CENTER	8
BRIGHTON	PINE TREE SHP. CTR.	5	CONGRESS	OAK	5
CONGRESS	OAK	5	FOREST	BEDFORD	5
FOREST	FALMOUTH	4	MAIN	BLUEROCK	4
FOREST	BEDFORD	4	BRIGHTON	PINE TREE SHP. CTR.	4

2005 Weekday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 5: Maine Mall			ROUTE 5: Maine Mall		
OUTBOUND		ONS	OUTBOUND		OFFS
ELM	PULSE	148	MAINE MALL	MACY'S	95
MAINE MALL	J.C. PENNY	96	MAINE MALL	J.C. PENNY	82
PORTLAND	FOREST	41	MALL PLAZA	DICKS	29
PARK	MELLEN	30	CONGRESS	MASSACHUSETTS	23
MAINE MALL	MACY'S	30	MAINE MALL RD.	IHOP	21
PARK	DEERING	20	PORTLAND TRANSPORTATION CENT		20
MALL PLAZA	DICKS	18	PARK	DEERING	10
PARK	FOREST STREET	15	PARK	ST. JOHN ST.	10
THRE TIED	WITH	12	CONGRESS	ELKS	9
			MAINE MALL RD.	SHELTER	9
INBOUND		ONS	INBOUND		OFFS
HANNA FORD		46	CONGRESS	PULSE	76
CONGRESS	OAK	20	CONGRESS	CENTER	41
CONGRESS	WHITNEY	17	CONGRESS	OAK	22
CONGRESS	PULSE	16	PARK	HIGH	19
CONGRESS	CENTER	14	PARK	STATE	18
WESTERN	NATIONAL SEMICOND	14	PARK	DEERING	14
CONGRESS	MASSACHUSETTS	12	HANNA FORD		13
AIRPORT ACCESS	AIRPORT	9	FOREST	CONGRESS	12
PARK	HIGH	8	AIRPORT ACCESS	AIRPORT	11
FODEN	DARLING	8	PARK	GILMAN	9
2005 Saturday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 5: Maine Mall			ROUTE 5: Maine Mall		
OUTBOUND		ONS	OUTBOUND		OFFS
ELM	PULSE	224	MAINE MALL	MACY'S	109
MAINE MALL	J.C. PENNY	123	MAINE MALL	J.C. PENNY	63
MAINE MALL	MACY'S	43	MALL PLAZA	DICKS	29
PORTLAND	FOREST	19	PORTLAND TRANSPORTATION CENTER		13
PARK	DEERING	19	CONGRESS	MASSACHUSETTS	11
PARK	ST. JOHN ST.	10	PARK	ST. JOHN ST.	9
MAINE MALL RD	IHOP	9	MAINE MALL RD.	SHELTER	9
MALL PLAZA	DICKS	9	MAINE MALL RD	IHOP	8
OXFORD	237 OXFORD	8	PARK	DEERING	6
CONGRESS	MASSACHUSETTS	8	OXFORD	ALDER	5
INBOUND		ONS	INBOUND		OFFS
HANNA FORD		42	ELM	PULSE	59
CONGRESS	FREDERICK	17	HANNA FORD		22
CONGRESS	WESTGATE SHPG. CTR.	9	PARK	HIGH	19
CONGRESS	MASSACHUSETTS	8	PARK	MELLEN	15
AIRPORT ACCESS	AIRPORT	6	AIRPORT ACCESS	AIRPORT	14
CONGRESS	BRADLEY	6	CONGRESS	OAK	12
AIRPORT ACCESS	JOHNSON	5	PARK	DEERING	12
FODEN	WESTERN	4	PARK	WEYMOUTH	8
THREE TIED	WITH	3	ST. JOHN	LANGS EXPR	7
			TWO TIED	WITH	6

2005 Weekday Route Information by Stop							
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips							
ROUTE 6: NORTH DEERING/Washington AVE.				ROUTE 6: NORTH DEERING/Washington AVE.			
OUTBOUND		ONS	6/3*	OUTBOUND		OFFS	6/3*
ELM	PULSE	114	19	WASHINGTON	INVERNESS	18	
CONGRESS	ELM	27	2	WASHINGTON	FAMILY WORKSHOP	15	5
WASHINGTON	FAMILY WORKSHOP	15		CONGRESS	ELM	14	
WASHINGTON	INVERNESS	10		WASHINGTON	ST. JO'S MANOR	9	
CONGRESS	LINCOLN	7		CONGRESS	INDIA	7	
PREBLE	CUMBERLAND	6	1	WASHINGTON	PHEASANT HILL	7	
CONGRESS	HAMPSHIRE	5		WASHINGTON	PRESUMPCOTT	6	1
WASHINGTON	OXFORD	5		MAINE	TEXAS	5	
WASHINGTON	OAKLEY	4		WASHINGTON	GREENWOOD	5	
MAINE	TEXAS	4		VERANDA	SHERWOOD	5	
INBOUND		ONS		INBOUND		OFFS	
WASHINGTON	STONECREST	12		ELM	PULSE	12	
WASHINGTON	W. KIDDER	9		WASHINGTON	STONECREST	10	
WASHINGTON	CANCO	5		WASHINGTON	LESTER	9	
WASHINGTON	OCEAN	5		WASHINGTON	FOBES	3	
WASHINGTON	PRESUMPCOTT	5		WASHINGTON	W. KIDDER	2	
WASHINGTON	LESTER	4		BANK NORTH		2	
BANK NORTH		3		CONGRESS	LINCOLN PARK	2	
WASHINGTON	FOBES	3		WASHINGTON	#566	2	
WASHINGTON	ANDOVER COLLEGE	3		VERANDA	OLYMPIA	2	
CONGRESS	LINCOLN PARK	3		CONGRESS	OXFORD	2	
2005 Saturday Route Information by Stop							
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips							
ROUTE 6: NORTH DEERING				ROUTE 6: NORTH DEERING			
OUTBOUND		ONS	6/3	OUTBOUND		OFFS	6/3
ELM	CUMBERLAND	78		ELM	CUMBERLAND	8	
WASHINGTON	PRESUMPCOTT	31		WASHINGTON	PRESUMPCOTT	4	
WASHINGTON	SANBORN	6		WASHINGTON	FAMILY WORKSHOP	4	
CONGRESS	ELM	4		WASHINGTON	OCEAN	4	
CONGRESS	MARKET	3		WASHINGTON	BYFIELD	4	
EIGHT TIED	WITH	2		WASHINGTON	PRESUMPCOTT	4	
				FIVE TIED	WITH	3	
INBOUND		ONS		OUTBOUND		OFFS	
CONGRESS	BRADLEY	7		ELM	PULSE	8	
CONGRESS	GILLMAN	5		WASHINGTON	AUBURN	4	
STEVENS	WOODFORDS	2		ALLEN	PLYMOUTH	3	
ALLEN	ESPE	1		CONGRESS	DOW	3	
STEVENS	COBBERT	1		CONGRESS	HIGH	2	
CONGRESS	BRAMHALL	1		CONGRESS	STATE	2	
CONGRESS	HIGH	1		ELEVEN TIED	WITH	1	
*Note: Inbound includes 6/3 boardings and alightings							

2005 Weekday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 7: Falm outh Flyer			ROUTE 7: Falm outh Flyer		
OUTBOUND		ONS	OUTBOUND		OFFS
ELM	PULSE	66	ROUTE 1	WALMART	30
ROUTE 1	WALMART	6	ROUTE 1	SHAW'S	7
ROUTE 1	SHAW'S	5	VERANDA	SHERWOOD	6
CONGRESS	MARKET	4	CONGRESS	MOUNTFORT	4
CONGRESS	INDIA	4	WASHINGTON	MADISON	4
CONGRESS	MOUNTFORT	3	ROUTE 1	MCDONALD'S	3
VERANDA	SHERWOOD	3	ROUTE 1	LUNT RD	3
FIVE TIED	WITH	2	ROUTE 1	PHILLIPS RD	2
			SIX TIED	WITH	1
INBOUND		ONS	INBOUND		OFFS
ROUTE 1	WALMART	33	ELM	PULSE	26
ROUTE 1	SHAW'S	13	CONGRESS	ELM	7
CONGRESS	ELM	3	CONGRESS	WASHINGTON	7
ROUTE 1	ROUTE 88	2	ROUTE 1	WALMART	5
ROUTE 1	RABBISKY'S	2	CONGRESS	INDIA	5
VERANDA	SHERWOOD	2	CONGRESS	LINCOLN PARK	5
FIVE TIED	WITH	1	ROUTE 1	SHAW'S	4
			ROUTE 1	FORESIDE ES	3
			BLUEBERRY	OCEAN VIEW	3
			VERANDA	PEMBROKE	3
2005 Saturday Route Information by Stop					
Ten Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE 7: Falm outh Flyer			ROUTE 7: Falm outh Flyer		
OUTBOUND		ONS	OUTBOUND		OFFS
ELM	PULSE	66	ROUTE 1	WALMART	30
ROUTE 1	WALMART	6	ROUTE 1	SHAW'S	7
ROUTE 1	SHAW'S	5	VERANDA	SHERWOOD	6
CONGRESS	MARKET	4	CONGRESS	MOUNTFORT	4
CONGRESS	INDIA	4	WASHINGTON	MARION	4
CONGRESS	MOUNTFORT	3	ROUTE 1	MCDONALD'S	3
VERANDA	SHERWOOD	3	ROUTE 1	LUNT RD	3
FIVE TIED	WITH	2	ROUTE 1	PHILLIPS RD	2
			SIX TIED	WITH	1
INBOUND		ONS	INBOUND		OFFS
ROUTE 1	WALMART	33	ELM	PULSE	26
ROUTE 1	SHAW'S	13	CONGRESS	ELM	7
CONGRESS	ELM	3	CONGRESS	WASHINGTON	7
ROUTE 1	ROUTE 88	2	ROUTE 1	WALMART	5
ROUTE 1	RABBISKY'S	2	CONGRESS	INDIA	5
VERANDA	SHERWOOD	2	CONGRESS	LINCOLN PARK	5
FIVE TIED	WITH	1	ROUTE 1	SHAW'S	4
			ROUTE 1	FORESIDE ES	3
			BLUEBERRY	OCEAN VIEW	3
			VERANDA	PEMBROKE	3

2005 Weekday Route Information by Stop					
Twenty Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE EIGHT: PINESTREET			ROUTE EIGHT: PINESTREET		
OUTBOUND/INBOUND		ONS	OUTBOUND/INBOUND		OFFS
PREBLE	AAA	70	PREBLE	AAA	48
CONGRESS	FOREST AVE.	24	WEST	CHADWICK	27
WEST	CHADWICK	24	CONGRESS	PARK	19
DANFORTH	STATE	18	CONGRESS	FOREST AVE.	17
COMMERCIAL	CASCO BAY LINES	17	DANFORTH	STATE	16
CONGRESS	PARK	15	CONGRESS	ELM	16
CONGRESS	OAK	13	CONGRESS	OAK	12
ELM	OXFORD	11	WEST	CARLTON	12
CONGRESS	CENTER	11	TEMPLE	FEDERAL	12
CUMBERLAND	PEARL	10	Marginal Way	PLOWMAN	11
ELM	LANCASTER	10	PINE	BRACKETT	11
CONGRESS	ELM	9	CONGRESS	BROWN	10
INDIA	FEDERAL	8	CUMBERLAND	PEARL	8
MARGINAL WAY	WHOLE GROCER	7	DANFORTH	CLARK	8
DANFORTH	CLARK	7	CONGRESS	CENTER	7
DANFORTH	HIGH	7	PREBLE	CUMBERLAND	7
CONGRESS	BROWN	6	ELM	OXFORD	6
EMERY	SPRUCE	6	DANFORTH	HIGH	6
COVE	ANDERSON	5	PINE	STATE	6
DANFORTH	MAY	5	Marginal Way	BALLY FITNESS	6
STATE	100 STATE	5	WEST	VAUGHN	6
2005 Saturday Route Information by Stop					
Twenty Most Highly Used Stop Locations - Outbound and Inbound Trips					
ROUTE EIGHT: PINESTREET			ROUTE EIGHT: PINESTREET		
OUTBOUND/INBOUND		ONS	OUTBOUND/INBOUND		OFFS
SHOP & SAVE PLAZA		63	SHOP & SAVE PLAZA		52
STATE	100 STATE	13	CONGRESS	CENTER	17
CONGRESS	CALEB	12	CONGRESS	FOREST AVE.	13
CONGRESS	CENTER	10	STATE	100 STATE	11
DANFORTH	HARBOR TRC.	10	CUMBERLAND	FRANKLIN	11
CUMBERLAND	FRANKLIN	9	CONGRESS	CALEB	9
CONGRESS	FOREST AVE.	7	DANFORTH	HARBOR TRC.	9
CONGRESS	HIGH	7	CONGRESS	ELM	9
DANFORTH	MAY	6	CONGRESS	PARK ST.	6
CUMBERLAND	CHESTNUT	5	MIDDLE	EXCHANGE	5
COMMERCIAL	CASCO BAY LINES	4	CONGRESS	HIGH	3
ELM	OXFORD	4	DANFORTH	MAY	3
BRAMHALL	ME. MED. CTR.	4	CUMBERLAND	CHESTNUT	3
PREBLE	CUMBERLAND	3	PREBLE	CUMBERLAND	3
SPRING	STATE	3	INDIA	FEDERAL	3
EMERY	SPRING	3	PINE	BRACKETT	3
DANFORTH	HIGH	3	SIX TIED	WITH	2
FIVE TIED	WITH	2			

APPENDIX I
SUMMARY STATISTICS BY ROUTE

**Greater Portland METRO
Passenger On/Off Survey 2005 - Route Three Summary**

Weekday

	AM Other < 6:15 AM	AM Peak 6:15 - 9:15 AM	Base 9:15 AM - 2:15 PM	PM Peak 2:15 - 6:15 PM	PM Other >6:15 PM	Total
	Total On's Outbound		50	54	65	169
	Total On's Inbound		41	83	59	210
A	Total On's		91	137	124	379
	Total Off's Outbound		50	42	59	151
	Total Off's Inbound		42	87	65	216
	Total Off's		92	129	124	367
B	Total Passenger Miles		193.37	437.5	392.87	1,172.4
C	Daily Trip miles		74.23	102.5	94.4	299.1
D	Daily Trips		5	7.0	6.5	20.5
=A/J	Passengers per hour		15.4	16.1	15.7	15.4
=A/C	Passengers per mile		1.23	1.34	1.31	1.3
=A/D	Average Boardings per trip		18.20	19.57	19.08	18.5
=B/A	Average Trip Length		2.12	3.19	3.17	3.1
J	Daily Trip Hours		5.92	8.5	7.92	24.6

**Greater Portland METRO
Passenger On/Off Survey 2005 - Route Four Summary**

Weekday

	AM Other < 6:15 AM	AM Peak 6:15 - 9:15 AM	Base 9:15 AM - 2:15 PM	PM Peak 2:15 - 6:15 PM	PM Other >6:15 PM	Total
	Total On's Outbound	16	84	155	259	588
	Total On's Inbound	20	121	114	81	379
A	Total On's	36	205	269	340	967
	Total Off's Outbound	19	95	107	169	461
	Total Off's Inbound	19	113	106	116	400
	Total Off's	38	208	213	285	861
B	Total Passenger Miles	174.9	783.0	1,426.4	1,720.6	4,705.3
C	Daily Trip miles	16.3	152.9	186.3	201.7	645.1
D	Daily Trips	1.0	12.0	13.0	16.0	48.0
=A/J	Passengers per hour	36.0	17.0	18.9	21.7	19.7
=A/C	Passengers per mile	2.2	1.3	1.4	1.7	1.5
=A/D	Average Boardings per trip	36.0	17.1	20.7	21.3	20.1
=B/A	Average Trip Length	4.9	3.8	5.3	5.1	4.9
J	Daily Trip Hours	1.0	12.1	14.3	15.7	49.0

**Greater Portland METRO
Passenger On/Off Survey 2005 - Route Five Summary**

Weekday

	AM Other < 6:15 AM	AM Peak 6:15 - 9:15 AM	Base 9:15 AM - 2:15 PM	PM Peak 2:15 - 6:15 PM	PM Other >6:15 PM	Total
Total On's Outbound		67	195	185	36	483
Total On's Inbound		30	96	68	8	202
A Total On's	0	97	291	253	44	685
Total Off's Outbound		71	158	137	9	375
Total Off's Inbound		42	102	142	22	308
Total Off's	0	113	260	279	31	683
B Total Passenger Miles		634.5	1,550.5	1,989.2	262.2	4,436.4
C Daily Trip miles		79.9	155.1	187.3	46.5	468.8
D Daily Trips		5.0	10.0	12.0	3.0	30.0
=A/J Passengers per hour		16.2	24.1	17.9	13.9	19.4
=A/C Passengers per mile		1.2	1.9	1.4	0.9	1.5
=A/D Average Boardings per trip		19.4	29.1	21.1	14.7	22.8
=B/A Average Trip Length		6.5	5.3	7.9	6.0	6.5
J Daily Trip Hours		6.0	12.1	14.2	3.2	35.4

**Greater Portland METRO
Passenger On/Off Survey 2005 - Route Six Summary**

Weekday

	AM Other < 6:15 AM	AM Peak 6:15 - 9:15 AM	Base 9:15 AM - 2:15 PM	PM Peak 2:15 - 6:15 PM	PM Other >6:15 PM	Total
Total On's Outbound	9	54	75	83	30	251
Total On's Inbound		41	14	14		69
A Total On's	9	95	89	97	30	320
Total Off's Outbound	8	32	47	66	25	178
Total Off's Inbound		40	10	10		60
Total Off's	8	72	57	76	25	238
B Total Passenger Miles	17.5	535.1	429.7	387.5	139.4	1,509.2
C Daily Trip miles	5.6	78.9	60.8	103.0	22.3	270.6
D Daily Trips	0.5	5.5	5.0	8.5	2.0	21.5
=A/J Passengers per hour	18.0	15.8	17.8	12.1	15.0	14.9
=A/C Passengers per mile	1.6	1.2	1.5	0.9	1.3	1.2
=A/D Average Boardings per trip	18.0	17.3	17.8	11.4	15.0	14.9
=B/A Average Trip Length	1.9	5.6	4.8	4.0	4.6	4.7
J Daily Trip Hours	0.5	6.0	5.0	8.0	2.0	21.5

**Greater Portland METRO
Passenger On/Off Survey 2005 - Route Seven Summary**

Weekday

	AM Other < 6:15 AM	AM Peak 6:15 - 9:15 AM	Base 9:15 AM - 2:15 PM	PM Peak 2:15 - 6:15 PM	PM Other >6:15 PM	Total
		9	55	34	4	102
		10	48	13	2	73
A		19	103	47	6	175
		8	41	22	3	74
		11	62	22	3	98
		19	103	44	6	172
B		94.2	627.7	314.6	27.8	1,064.3
C		53.5	107.0	53.5	17.8	231.9
D		3.0	6.0	4.0	1.0	14.0
=A/J		6.3	17.2	11.8	6.0	12.5
=A/C		0.4	1.0	0.9	0.3	0.8
=A/D		6.3	17.2	11.8	6.0	12.5
=B/A		5.0	6.1	6.7	4.6	6.1
J		3.0	6.0	4.0	1.0	14.0

**Greater Portland METRO
Passenger On/Off Survey 2005 - Route Eight Summary**

Weekday

	AM Other < 6:15 AM	AM Peak 6:15 - 9:15 AM	Base 9:15 AM - 2:15 PM	PM Peak 2:15 - 6:15 PM	PM Other >6:15 PM	Total
		108	164	96		368
A	0	108	164	96	0	368
		101	166	107		374
	0	101	166	107	0	374
B		201.1	371.6	241.5		814.2
C		53.1	82.0	46.9		182.0
D		7.0	10.0	7.0		24.0
=A/J		16.7	15.9	16.0		16.1
=A/C		2.0	2.0	2.0		2.0
=A/D		15.4	16.4	13.7		15.3
=B/A		1.9	2.3	2.5		2.2
J		6.5	10.3	6.0		22.8

Greater Portland METRO
Passenger On/Off Survey 2005 - Weekday Summary, All Routes Combined

	AM Base < 6:15 AM	AM Peak 6:15 - 9:15 AM	Base 9:15 AM - 2:15 PM	PM Peak 2:15 - 6:15 PM	PM Other >6:15 PM	Total	
	Total On's Outbound	34	467	974	1018	172	2,665
	Total On's Inbound	33	365	618	385	93	1,494
A	Total On's	67	851	1,695	1,450	271	4,159
	Total Off's Outbound	30	436	835	809	130	2,240
	Total Off's Inbound	32	385	620	542	112	1,691
	Total Off's	62	840	1,558	1,395	248	3,931
B	Total Passenger Miles	221.3	2,905.2	5,760.8	5,995.7	1,295.4	16,178.3
C	Daily Trip miles	34.3	640.8	940.9	883.3	245.5	2,744.7
D	Daily Trips	18.1	60.8	89.1	90.6	26.3	285.0
=A/J	Passengers per hour	21.8	17.6	23.8	21.4	16.3	20.1
=A/C	Passengers per mile	2.0	1.3	1.8	1.6	1.1	1.5
=A/D	Average Boardings per trip	3.7	14.0	19.0	16.0	10.3	14.6
=B/A	Average Trip Length	3.3	3.4	3.4	4.1	4.8	3.9
J	Daily Trip Hours	3.1	48.5	71.1	67.8	16.7	207.1

**Greater Portland METRO
Passenger On/Off Survey 2005- Condensed Summary**

		Weekday									System Totals
		Rt 1 Congress	Rt 2 Riverton	Rt 3 N. Deering	Rt 4 Westbrook	Rt 5 ME Mall	Rt 6 N. Deering	Rt 7	Rt 8 Fire St.	Rt 6/3 N. Deering	
	Total On's Outbound	362	342	169	588	483	251	102	368	39	2,665
	Total On's Inbound	215	346	210	379	202	69	73	-	35	1,494
A	Total On's	577	688	379	967	685	320	175	368	74	4,159
	Total Off's Outbound	290	337	151	461	375	178	74	374	33	2,240
	Total Off's Inbound	269	340	216	400	308	60	98		31	1,691
	Total Off's	559	677	367	861	683	238	172	374	64	3,931
B	Total Passenger Miles	830.1	2235.3	1172.4	4705.3	4436.4	1509.2	1064.3	814.2	317.5	16,767.1
C	Daily Trip miles	241.3	612.7	299.1	645.1	468.8	270.6	231.9	182.0	63.0	2,951.5
D	Daily Trips	34.5	38.8	20.5	48.0	30.0	21.5	14.0	24.0	5	231.33
=A/J	Passengers per hour	20.8	17.7	15.4	19.7	19.4	14.9	12.5	16.1	14.1	17.8
=A/C	Passengers per mile	2.4	1.1	1.3	1.5	1.5	1.2	0.8	2.0	1.2	1.4
=A/D	Average Boardings per trip	16.7	17.7	18.5	20.1	22.8	14.9	12.5	15.3	15.6	18.0
=B/A	Average Trip Length	1.4	3.2	3.1	4.9	6.5	4.7	6.1	2.2	6.5	4.0
J	Daily Trip Hours	27.7	38.8	24.6	49.0	35.4	21.5	14.0	22.8	5.25	233.8
	Daily Service Hours	15.0	16.5	16.5	18.0	16.5	16.25	13.0	11.5	5.25	123.3

**Greater Portland METRO
Passenger On/Off Survey 2005 - Condensed Summary**

		Saturday									
		Rt 1	Rt 2	Rt 3	Rt 4	Rt 5	Rt 6	Rt 7	Rt 8	Rt 6/3	System
		Congress	Riverton	N. Deering	Westbrook	ME Mall	N. Deering		Pine St.	N. Deering	Totals
	Total On's Outbound	261	182	69	313	528	86	108	185	40	1732
	Total On's Inbound	141	109	31	208	122	46	60		23	717
A	Total On's	402	291	100	521	650	132	168	185	63	2449
	Total Off's Outbound	189	108	50	260	284	64	65	184	22	1204
	Total Off's Inbound	197	145	40	212	212	61	83		33	950
	Total Off's	386	253	90	472	496	125	148	184	55	2154
B	Total Passenger Miles	1,153.5	1424.7	570.3	1216.59	3591.66	392.5	944.19	576.1	632.4	9,869.6
C	Daily Trip miles	234.2	185.98	135.7	462.42	388.74	145.87	205.79	79.76	50.36	1,838.5
D	Daily Trips	33.40	13.0	10.0	30.0	30.0	11	13.0	12.0	4.0	152.4
=A/J	Passengers per hour	16.46	22.82	9.3	16.5	18.9	15.1	12.92	17.34	14.0	16.7
=A/C	Passengers per mile	1.72	1.56	0.7	1.13	1.67	0.90	0.82	2.32	1.25	1.3
=A/D	Average Boardings per trip	12.04	22.38	10.0	17.37	21.67	12.0	12.92	15.42	15.75	16.1
=B/A	Average Trip Length	2.87	4.90	5.7	2.34	5.53	2.97	5.62	3.11	10.04	4.0
J	Daily Trip Hours	24.43	12.75	10.8	31.50	34.42	8.75	13.0	10.67	4.50	146.3
	Daily Service Hours	13.8	14.5	14.5	17.75	16.5	14.5	13	10.5	4.5	115.1

Greater Portland METRO Passenger On/Off Survey 2005 Condensed Summary				
		Sunday		System Totals
		Rt 1/5 Cong/Mall	Rt 4 Westbrook	
	Total On's Outbound	296	104	400
	Total On's Inbound	29	115	144
A	Total On's	325	219	544
	Total Off's Outbound	281	100	381
	Total Off's Inbound	23	108	131
	Total Off's	304	208	512
B	Total Passenger Miles	2,071.6	1137.7	3,209.3
C	Daily Trip miles	191.80	78.9	270.7
D	Daily Trips	14.0	7.0	21.0
=A/J	Passengers per hour	21.5	28.6	23.9
=A/C	Passengers per mile	1.7	2.78	2.0
=A/D	Average Boardings per trip	23.2	31.29	25.9
=B/A	Average Trip Length	6.37	5.19	5.9
J	Daily Trip Hours	15.1	7.67	22.8
	Daily Service Hours	11.0	8.5	19.5