

Route 001 Freeport Road

ROUTE OVERVIEW

[illegible]

In-service trip pattern	- Inbound	Distances		
Tarentum Park-and-Ride	/ Layover - Penn Park Terminal	24 *	24.414 =	585.929

In-service trip pattern	- Outbound	Distances		
Layover - Penn Park Terminal	/ Tarentum Park-and-Ride	18 *	24.674 =	444.140
Layover - Penn Park Terminal	/ E 6th Ave at Lock St	6 *	24.450 =	146.701

Off-service trip pattern	Distances
Layover - Penn Park Terminal / Ross Garage	15 * 5.890 = 88.350
Ross Garage / Layover - Penn Park Terminal	14 * 5.887 = 82.418
E 6th Ave at Lock St / Ross Garage	6 * 20.769 = 124.615
Layover - Penn Park Terminal / Ross Garage	5 * 5.890 = 29.449
Ross Garage / Layover - Penn Park Terminal	5 * 5.887 = 29.433
Ross Garage / Tarentum Park-and-Ride	3 * 24.202 = 72.606
Ross Garage / Tarentum Park-and-Ride	3 * 20.445 = 61.336
Layover - Penn Park Terminal / Layover - Ross Garage Terminal	1 * 5.916 = 5.916
Layover - Penn Park Terminal / Chatham St at Centre Ave	1 * 0.781 = 0.780

[illegible]

In-service trip pattern	- Inbound	Distances			
North Hills Village Terminus	/ 9th St at Penn Ave	16 *	19.135	=	306.152
North Hills Village Terminus	/ 9th St at Penn Ave	10 *	17.814	=	178.137
North Hills Village Terminus	/ 9th St at Penn Ave	1 *	17.606	=	17.605

In-service trip pattern	- Outbound	Distances		
9th St at Penn Ave	/ North Hills Village Terminus	17 *	19.290 =	327.933
9th St at Penn Ave	/ North Hills Village Terminus	9 *	17.954 =	161.584

Off-service trip pattern	Distances
North Hills Village Terminus / Ross Garage	15 * 3.176 = 47.647
Ross Garage / North Hills Village Terminus	11 * 2.957 = 32.527
Ross Garage / North Hills Village Terminus	7 * 3.166 = 22.161
North Hills Village Terminus / Avalon Loop	1 * 7.715 = 7.715
North Hills Village Terminus / 9th St at Penn Ave	1 * 7.390 = 7.390
9th St at Penn Ave / Ross Garage	1 * 6.215 = 6.214
North Hills Village Terminus / Layover - Ross Garage Terminal	1 * 3.203 = 3.203

[illegible]

Off-service trip pattern	Distances
Layover - Ross Garage Terminal / Ross Garage	21 * 0.103 = 2.160
Ross Garage / Layover - Ross Garage Terminal	18 * 0.026 = 0.476

[illegible]

In-service trip pattern - Outbound	Distances		
Layover - Penn Park Terminal / Colby St at Faber St	32 *	4.870 =	155.840

Off-service trip pattern	Distances
Colby St at Faber St / Ross Garage	6 * 2.470 = 14.8217
Layover - Penn Park Terminal / Ross Garage	5 * 5.890 = 29.450
Ross Garage / Layover - Penn Park Terminal	5 * 5.887 = 29.435
Colby St at Faber St / Ross Garage	4 * 2.470 = 9.880
Ross Garage / Colby St at Faber St	4 * 2.286 = 9.144
Ross Garage / Colby St at Faber St	4 * 2.286 = 9.143
Layover - Penn Park Terminal / Ross Garage	1 * 5.890 = 5.8899
Ross Garage / Layover - Penn Park Terminal	1 * 5.887 = 5.8868
Colby St at Faber St / Layover - Penn Park Terminal	1 * 4.654 = 4.6544
Layover - Penn Park Terminal / Children's Way	1 * 2.060 = 2.0595

ROUTE OVERVIEW

Off-service trip pattern	Distances
Colby St at Faber St / Layover - Ross Garage Terminal	1 * 2.497 = 2.496
Colby St at Faber St / Ross Garage	1 * 2.470 = 2.470
Ross Garage / Colby St at Faber St	1 * 2.286 = 2.286
Ross Garage / Colby St at Faber St	1 * 2.286 = 2.285

First pull-out	:	4:41
Last pull-in	:	24:12
Number of blocks	:	38
Number at garage	:	10
Pull-out/Pull-in	:	35/ 36 / / / / /
Number of in-service trips	:	142
In-service distance	:	1141.401
Off-service duration	:	10h29
In-service duration	:	95h21
Loading duration	:	0h00
Layover duration	:	9h15
Total duration	:	115h05
Total distance	:	1269.515
% Off-service/total time	:	9.1 %
% Layover/total time	:	8.0 %
% Off-service/total distance	:	10.1 %
Inbound	:	11.9
Outbound	:	12.1
Average	:	12.0
Speed		
Total	:	11.0 In-serv. + layover : 10.9

In-service trip pattern	- Outbound	Distances		
Penn Ave at 7th St	/ West View Plaza at KMart	36 *	8.029 =	289.054
Penn Ave at 7th St	/ West View Plaza Terminus	35 *	8.159 =	285.566

Off-service trip pattern	Distances
West View Plaza at KMart / Ross Garage	36 * 1.669 = 60.088
Ross Garage / West View Plaza Terminus	35 * 1.753 = 61.343
West View Plaza Terminus / Colby St at Faber St	1 * 4.700 = 4.700
West View Plaza Terminus / Layover - Ross Garage Terminal	1 * 2.484 = 2.483

[illegible]

Off-service trip pattern	Distances
Ross Garage / Layover - Penn Park Terminal	8 * 5.887 = 47.0961
Layover - Penn Park Terminal / Ross Garage	7 * 5.890 = 41.230
Layover - Penn Park Terminal / Ross Garage	3 * 5.890 = 17.6697
Ross Garage / Layover - Penn Park Terminal	2 * 5.887 = 11.7736

First pull-out	:	5:12
Last pull-in	:	24:01
Number of blocks	:	18
Number at garage	:	10
Pull-out/Pull-in	:	17/ 18 / / / / /
Number of in-service trips	:	45
In-service distance	:	761.790
Off-service duration	:	11h26
Off-service distance	:	256.635
In-service duration	:	48h34
Loading duration	:	0h00
Layover duration	:	3h36
Total duration	:	63h36
Total distance	:	1018.425
% Off-service/total time	:	18.0 %
% Layover/total time	:	5.7 %
% Off-service/total distance	:	25.2 %
In-service speed		
Inbound	:	15.5
Outbound	:	15.9
Average	:	15.7
Speed		
Total	:	16.0 In-serv. + layover : 14.6

Off-service trip pattern	Distances
Ross Garage / McCandless Park and Ride	7 * 7.785 = 54.495
McCandless Park and Ride / Ross Garage	6 * 7.831 = 46.986
McCandless Park and Ride / Ross Garage	6 * 7.831 = 46.9852
9th St at Penn Ave / Ross Garage	6 * 6.215 = 37.2874
Ross Garage / McCandless Park and Ride	5 * 7.875 = 39.3763
Ross Garage / 9th St at Penn Ave	5 * 6.175 = 30.875

[illegible]

In-service trip pattern	- Outbound	Distances		
7th St at Penn Ave	/ West View Plaza at KMart	22 *	9.340 =	205.4904
7th St at Penn Ave	/ West View Plaza Terminus	20 *	9.470 =	189.4045

Off-service trip pattern	Distances			
Ross Garage / West View Plaza Terminus	22 *	1.753	=	38.5588
West View Plaza at KMart / Ross Garage	22 *	1.669	=	36.7204
West View Plaza Terminus / McCandless Park and Ride	1 *	6.474	=	6.4736

[illegible]

In-service trip pattern - Outbound	Distances		
Allegheny Station Bay 1 / Ambridge Park-and-Ride	36 *	16.402 =	590.4641

Off-service trip pattern	Distances
Allegheny Station Bay 1 / Ross Garage	15 * 7.548 = 113.2199
Ross Garage / Allegheny Station Bay 1	13 * 5.813 = 75.5689
Ambridge Park-and-Ride / Ross Garage	7 * 15.641 = 109.4897
Ross Garage / Ambridge Park-and-Ride	6 * 15.905 = 95.430
Ross Garage / Allegheny Station Bay 1	5 * 6.064 = 30.3212
Ross Garage / Ambridge Park-and-Ride	4 * 15.604 = 62.4156
Allegheny Station Bay 1 / Ross Garage	4 * 7.548 = 30.1933
Allegheny Station Bay 1 / Layover - Ross Garage Terminal	2 * 7.575 = 15.1496
Ambridge Park-and-Ride / Ross Garage	1 * 15.942 = 15.942
Allegheny Station Bay 1 / Layover - Penn Park Terminal	1 * 2.557 = 2.5572

[illegible]

In-service trip pattern	- Outbound	Distances		
Layover - Penn Park Terminal	/ Colby St at Faber St	29 *	5.698 =	165.2308

Off-service trip pattern	Distances
Layover - Penn Park Terminal / Ross Garage	9 * 5.890 = 53.010
Ross Garage / Layover - Penn Park Terminal	6 * 5.887 = 35.322
Ross Garage / Colby St at Faber St	4 * 2.286 = 9.143
Layover - Penn Park Terminal / Ross Garage	2 * 5.890 = 11.779
Ross Garage / Layover - Penn Park Terminal	2 * 5.887 = 11.773
Colby St at Faber St / Ross Garage	2 * 2.470 = 4.940
Ross Garage / Colby St at Faber St	2 * 2.286 = 4.572
Layover - Penn Park Terminal / West View Plaza Terminus	1 * 7.015 = 7.015
Colby St at Faber St / Allegheny Station Bay 1	1 * 4.740 = 4.739
Colby St at Faber St / Layover - Penn Park Terminal	1 * 4.654 = 4.654

First pull-out	:	3:39
Last pull-in	:	25:25
Number of blocks	:	33
Number at garage	:	10
Pull-out/Pull-in	:	32/ 33 / / / / /
Number of in-service trips	:	139
In-service distance	:	981.876
Off-service duration	:	17h27
Off-service distance	:	281.667
In-service duration	:	76h57
Loading duration	:	0h00
Layover duration	:	11h27
Total duration	:	105h51
Total distance	:	1263.542
% Off-service/total time	:	16.5 %
% Layover/total time	:	10.8 %
% Off-service/total distance	:	22.3 %
In-service speed		
Inbound	:	12.7
Outbound	:	12.8
Average	:	12.8
Speed		
Total :	11.9 In-serv. + layover	: 11.1

Off-service trip pattern	Distances
Ross Garage / Avalon Loop	20 * 4.696 = 93.9201
Avalon Loop / Ross Garage	19 * 4.357 = 82.7831
Avalon Loop / Ross Garage	13 * 4.128 = 53.6691
Ross Garage / Avalon Loop	12 * 4.483 = 53.7964
7th St at Penn Ave / Ross Garage	1 * 6.101 = 6.1011

First pull-out	:	4:54
Last pull-in	:	24:44
Number of blocks	:	29
Number at garage	:	10
Pull-out/Pull-in	:	25/ 24 / / / / /
Number of in-service trips	:	66
In-service distance	:	601.325
Off-service duration	:	1h29
Off-service distance	:	19.047
In-service duration	:	49h15
Loading duration	:	0h00
Layover duration	:	2h34
Total duration	:	53h18
Total distance	:	620.372
% Off-service/total time	:	2.8 %
% Layover/total time	:	4.8 %
% Off-service/total distance	:	3.1 %
In-service speed	:	11.8
Inbound	:	11.8
Outbound	:	12.6
Average	:	12.2
Speed	:	11.6
Total : In-serv. + layover	:	11.6

In-service trip pattern	- Inbound	Distances		
Layover - Ross Garage Terminal	/ 7th St at Penn Ave	33 *	8.912 =	294.092

In-service trip pattern	- Outbound	Distances		
7th St at Penn Ave	/ Layover - Ross Garage Terminal	33 *	9.304 =	307.026

Off-service trip pattern	Distances
Ross Garage / Layover - Ross Garage Terminal	25 * 0.026 = 0.661
Layover - Ross Garage Terminal / Ross Garage	24 * 0.103 = 2.469
Layover - Ross Garage Terminal / Chatham St at Centre Ave	1 * 5.450 = 5.449
Layover - Ross Garage Terminal / Penn Ave at Garrison Pl	1 * 5.116 = 5.116
Layover - Ross Garage Terminal / North Hills Village Terminus	1 * 3.139 = 3.139
Layover - Ross Garage Terminal / West View Plaza Terminus	1 * 2.210 = 2.209

[illegible]

In-service trip pattern	- Outbound	Distances		
Allegheny Station Bay 2	/ Island Ave at Beaver Ave	11 *	3.501 =	38.514

Off-service trip pattern	Distances
Allegheny Station Bay 2 / Ross Garage	2 * 7.540 = 15.079
Ross Garage / Allegheny Station Bay 2	1 * 6.073 = 6.073
Ross Garage / Island Ave at Beaver Ave	1 * 4.607 = 4.607

[illegible]

Off-service trip pattern	Distances
Center Ave at Walliston Ave / Ross Garage	6 * 6.013 = 36.0799
Grant St at USX Stop B / Center Ave at Walliston Ave	5 * 10.918 = 54.5883
Ross Garage / Center Ave at Walliston Ave	5 * 5.972 = 29.860
Grant St at USX Stop B / Ross Garage	5 * 5.447 = 27.235
Center Ave at Walliston Ave / Chatham St at Centre Ave	4 * 10.718 = 42.8733
Ross Garage / Chatham St at Centre Ave	4 * 5.568 = 22.2722
Grant St at USX Stop B / West View Plaza Terminus	1 * 6.724 = 6.7244
Ross Garage / Center Ave at Walliston Ave	1 * 6.092 = 6.0924

[illegible]

Off-service trip pattern	Distances
Kennedy Center (Giant Eagle) / Collier Garage	14 * 9.527 = 133.3712
Collier Garage / Kennedy Center (Giant Eagle)	14 * 8.570 = 119.9744
Kennedy Center (Giant Eagle) / Liberty Ave at Wm Penn Pl	1 * 6.759 = 6.7587

[illegible]

In-service trip pattern	-	Inbound	Distances			
University Blvd Park and Ride	/	Stanwix St past Penn Ave	15 *	17.570 =	263.5435	
Bank St at Walnut St	/	Stanwix St past Penn Ave	15 *	14.387 =	215.8071	
Stanwix St at Fourth Ave	/	Stanwix St past Penn Ave	1 *	0.143 =	0.1429	

In-service trip pattern	- Outbound	Distances		
Stanwix St past Penn Ave	/ University Blvd Park and Ride	15 *	17.831 =	267.471
Stanwix St past Penn Ave	/ Bank St at Walnut St	15 *	15.444 =	231.6622

Off-service trip pattern	Distances
University Blvd Park and Ride / Collier Garage	11 * 14.476 = 159.2398
Collier Garage / Bank St at Walnut St	9 * 16.953 = 152.5737
Collier Garage / University Blvd Park and Ride	9 * 14.365 = 129.2886
Bank St at Walnut St / Collier Garage	8 * 16.599 = 132.7953
Bank St at Walnut St / Layover - Penn Park Terminal	1 * 13.511 = 13.5115
Stanwix St past Penn Ave / Collier Garage	1 * 11.813 = 11.8126
Collier Garage / Stanwix St at Fourth Ave	1 * 11.013 = 11.0131

[illegible]

In-service trip pattern	- Inbound	Distances		
Kennedy Center (Giant Eagle)	/ Stanwix St past Penn Ave	25 *	8.769 =	219.222

In-service trip pattern	- Outbound	Distances		
Stanwix St past Penn Ave	/ Kennedy Center (Giant Eagle)	25 *	8.788 =	219.6899

Off-service trip pattern	Distances
Kennedy Center (Giant Eagle) / Collier Garage	10 * 9.527 = 95.2652
Collier Garage / Kennedy Center (Giant Eagle)	9 * 8.570 = 77.1264

Route 024 West Park
ROUTE OVERVIEW

First pull-out	:	4:25
Last pull-in	:	23:23
Number of blocks	:	19
Number at garage	:	24
Pull-out/Pull-in	:	17/ 18 / / / / /
Number of in-service trips	:	58
In-service distance	:	745.030
Off-service duration	:	12h49
Off-service distance	:	360.677
In-service duration	:	42h33
Loading duration	:	0h00
Layover duration	:	5h11
Total duration	:	60h33
Total distance	:	1105.707
% Off-service/total time	:	21.2 %
% Layover/total time	:	8.6 %
% Off-service/total distance	:	32.6 %
Inbound	:	16.0
Outbound	:	19.4
Average	:	17.5
Speed		
Total	:	18.3 In-serv. + layover :
		15.6

In-service trip pattern	- Inbound	Distances			
Mall at Robinson (Entrance K)	/ Stanwix St past Penn Ave	18 *	14.940 =	268.9268	
Kennedy Center (Giant Eagle)	/ Stanwix St past Penn Ave	8 *	7.205 =	57.6405	
Mall at Robinson (Entrance K)	/ Stanwix St past Penn Ave	3 *	15.872 =	47.6161	

In-service trip pattern - Outbound			Distances				
Stanwix St past Penn Ave	/	Mall at Robinson (Entrance K)	18	*	14.941	=	268.9381
Stanwix St past Penn Ave	/	Kennedy Center (Giant Eagle)	8	*	7.239	=	57.912
Stanwix St past Penn Ave	/	Mall at Robinson (Entrance K)	3	*	15.873	=	47.618

Off-service trip pattern	Distances
Collier Garage / Mall at Robinson (Entrance K)	14 * 10.471 = 146.5988
Mall at Robinson (Entrance K) / Collier Garage	14 * 9.870 = 138.1837
Kennedy Center (Giant Eagle) / Collier Garage	4 * 9.527 = 38.1061
Collier Garage / Kennedy Center (Giant Eagle)	3 * 8.570 = 25.7088
Mall at Robinson (Entrance K) / Penn Ave at Garrison Pl	1 * 12.080 = 12.0801

[illegible]

Off-service trip pattern	Distances
Collier Garage / Crafton Ingram SC at Rite-Aid	15 * 6.574 = 98.6099
Crafton Ingram SC at Bank (Citizens) / Collier Garage	11 * 9.468 = 104.150
Layover - Crafton-Ingram Shopping Ctr / Layover - Penn Park Terminal	1 * 5.507 = 5.5068
Layover - Crafton-Ingram Shopping Ctr / Kennedy Center (Giant Eagle)	1 * 4.239 = 4.2389
Layover - Crafton-Ingram Shopping Ctr / Blvd of Allies At Post Gazette Bldg	1 * 3.984 = 3.9839

First pull-out	:	4:26
Last pull-in	:	23:01
Number of blocks	:	19
Number at garage	:	24
Pull-out/Pull-in	:	13/ 15 / / / / /
Number of in-service trips	:	66
In-service distance	:	541.146
Off-service duration	:	10h14
Off-service distance	:	233.748
In-service duration	:	34h26
Loading duration	:	0h00
Layover duration	:	6h29
Total duration	:	51h09
Total distance	:	774.894
% Off-service/total time	:	20.0 %
% Layover/total time	:	12.7 %
% Off-service/total distance	:	30.2 %
Inbound	:	16.1
Outbound	:	15.3
Average	:	15.7
In-service speed	:	
Speed	:	
Total : 15.1 In-serv. + layover	:	13.2

Off-service trip pattern	Distances
Crafton Ingram SC at Bank (Citizens) / Collier Garage	14 * 9.468 = 132.5545
Collier Garage / Crafton Ingram SC at Rite-Aid	13 * 6.574 = 85.462
Layover - Crafton-Ingram Shopping Ctr / Collier Garage	1 * 10.225 = 10.2249
Layover - Crafton-Ingram Shopping Ctr / Layover - Penn Park Terminal	1 * 5.507 = 5.5068

[illegible]

Off-service trip pattern	Distances
Fifth Ave Ramp at East Liberty Garage / East Liberty Garage	34 * 0.178 = 6.0472
East Liberty Garage / Fifth Ave opp. McPherson St	24 * 0.245 = 5.8905
Fifth Ave Ramp at East Liberty Garage / Layover - Penn Park Terminal	3 * 4.896 = 14.689
Layover - Brushton Terminal / Fifth Ave opp. McPherson St	3 * 1.334 = 4.0006
Layover - East Liberty Terminal / Fox Chapel Term(Old Freeport-Freeport)	1 * 5.600 = 5.5999
Fifth Ave Ramp at East Liberty Garage / Layover - Brushton Terminal	1 * 1.332 = 1.3321

[illegible]

In-service trip pattern - Inbound	Distances		
Pittsburgh Technical Institute / Penn Ave at Garrison Pl	22 *	18.137 =	399.0075

In-service trip pattern - Outbound	Distances		
Penn Ave at Garrison Pl / Pittsburgh Technical Institute	22 *	18.025 =	396.540

Off-service trip pattern	Distances
Collier Garage / Pittsburgh Technical Institute	13 * 12.141 = 157.8363
Pittsburgh Technical Institute / Collier Garage	12 * 11.802 = 141.623
Collier Garage / Penn Ave at Garrison Pl	2 * 13.299 = 26.5981
Penn Ave at Garrison Pl / Collier Garage	2 * 11.996 = 23.9915
Pittsburgh Technical Institute / University Blvd Park and Ride	1 * 9.025 = 9.0253

[illegible]

In-service trip pattern - Inbound	Distances		
South Fayette Park-and-Ride / Penn Ave at Garrison Pl	34 *	12.454 =	423.4442

In-service trip pattern	- Outbound	Distances		
Penn Ave at Garrison Pl	/ South Fayette Park-and-Ride	34 *	12.255 =	416.6855

Off-service trip pattern	Distances
Collier Garage / South Fayette Park-and-Ride	22 * 1.671 = 36.7625
South Fayette Park-and-Ride / Collier Garage	21 * 1.714 = 36.0015
South Fayette Park-and-Ride / Penn Ave at Garrison Pl	1 * 14.954 = 14.9541

[illegible]

In-service trip pattern	- Inbound	Distances		
Village Drive (Stairtower)	/ Blvd of Allies At Post Gazette Bldg	21 *	9.311 =	195.523

In-service trip pattern	- Outbound	Distances		
Blvd of Allies At Post Gazette Bldg	/ Village Drive (Stairtower)	21 *	11.045 =	231.939

Off-service trip pattern	Distances
Collier Garage / Village Drive (Stairtower)	11 * 5.528 = 60.804
Village Drive (Stairtower) / Collier Garage	10 * 5.242 = 52.417
Village Drive (Stairtower) / Layover - Crafton-Ingram Shopping Ctr	1 * 9.366 = 9.366
Village Drive (Stairtower) / Chartiers Valley SC Terminus	1 * 5.330 = 5.330

[illegible]

In-service trip pattern	- Inbound	Distances			
Parse Way at Mt Lebanon T Steps	/ Blvd of Allies At Post Gazette Bldg	25 *	7.873 =	196.8262	
Chartiers Valley SC Terminus	/ Blvd of Allies At Post Gazette Bldg	19 *	10.926 =	207.5962	
Chartiers Valley SC Terminus	/ Blvd of Allies At Post Gazette Bldg	17 *	11.923 =	202.6957	

In-service trip pattern	- Outbound	Distances			
Bldv of Allies At Post Gazette Bldg	/ Parse Way at Mt Lebanon T Steps	27 *	8.299 =	224.0673	
Bldv of Allies At Post Gazette Bldg	/ Chartiers Valley SC Terminus	20 *	11.362 =	227.2405	
Bldv of Allies At Post Gazette Bldg	/ Chartiers Valley SC Terminus	15 *	12.379 =	185.6866	

Off-service trip pattern	Distances
Collier Garage / Chartiers Valley SC Terminus	19 * 0.662 = 12.5731
Chartiers Valley SC Terminus / Collier Garage	19 * 0.433 = 8.2236
Parse Way at Mt Lebanon T Steps / Collier Garage	15 * 5.653 = 84.7909
Collier Garage / Parse Way at Mt Lebanon T Steps	10 * 5.920 = 59.2004
Blvd of Allies At Post Gazette Bldg / Collier Garage	2 * 12.080 = 24.1592
Collier Garage / Blvd of Allies At Post Gazette Bldg	2 * 10.889 = 21.778
Chartiers Valley SC Terminus / University Blvd Park and Ride	1 * 14.752 = 14.7522
Chartiers Valley SC Terminus / Liberty Ave at Wm Penn Pl	1 * 9.723 = 9.7228
Chartiers Valley SC Terminus / Kennedy Center (Giant Eagle)	1 * 8.619 = 8.6185
Parse Way at Mt Lebanon T Steps / Layover - Crafton-Ingram Shopping Ctr	1 * 6.003 = 6.003
Chartiers Valley SC Terminus / Parse Way at Mt Lebanon T Steps	1 * 5.839 = 5.8385
Chartiers Valley SC Terminus / Lesnett Rd at Bank St	1 * 1.897 = 1.8973
Chartiers Valley SC Terminus / South Fayette Park-and-Ride	1 * 1.855 = 1.8549

[illegible]

In-service trip pattern	- Inbound	Distances		
Altmar St opp. Reamer St	/ Layover - Penn Park Terminal	43 *	6.216 =	267.2816
Chelton Ave at Queensboro St	/ Altmar St opp. Reamer St	9 *	1.744 =	15.6926

In-service trip pattern	- Outbound	Distances		
Layover - Penn Park Terminal	/ Altmar St opp. Reamer St	42 *	6.677 =	280.4502

Off-service trip pattern	Distances
Layover - Penn Park Terminal / Collier Garage	14 * 12.880 = 180.3248
Collier Garage / Layover - Penn Park Terminal	13 * 13.690 = 177.973
Collier Garage / Chelton Ave at Queensboro St	9 * 6.878 = 61.9024
Altmar St opp. Reamer St / Collier Garage	8 * 7.791 = 62.3298
Layover - Penn Park Terminal / Parse Way at Mt Lebanon T Steps	2 * 5.997 = 11.995
Layover - Penn Park Terminal / Lesnett Rd at Bank St	1 * 14.158 = 14.1585
Layover - Penn Park Terminal / Village Drive (Stairtower)	1 * 9.302 = 9.302

ROUTE OVERVIEW

Off-service trip pattern	Distances
Collier Garage / Layover - Penn Park Terminal	8 * 13.690 = 109.521
Layover - Penn Park Terminal / Collier Garage	8 * 12.880 = 103.042
Fingal St at Rutledge St / Collier Garage	2 * 12.504 = 25.007
Collier Garage / Fingal St at Rutledge St	2 * 12.052 = 24.105

[illegible]

In-service trip pattern - Outbound	Distances
Sixth Ave at Smithfield St / Lesnett Rd at Bank St	36 * 11.631 = 418.7257

Off-service trip pattern	Distances
Collier Garage / Lesnett Rd at Bank St	21 * 1.713 = 35.982
Lesnett Rd at Bank St / Collier Garage	19 * 1.764 = 33.5102
Lesnett Rd at Bank St / Chartiers Valley SC Terminus	2 * 1.852 = 3.7046
Lesnett Rd at Bank St / Layover - West Busway Terminal	1 * 5.632 = 5.632
Lesnett Rd at Bank St / Parse Way at Mt Lebanon T Stops	1 * 5.317 = 5.3172

First pull-out	:	5:30
Last pull-in	:	24:39
Number of blocks	:	8
Number at garage	:	24
Pull-out/Pull-in	:	8 / 8 / / / /
Number of in-service trips	:	44
In-service distance	:	224.642
Off-service duration	:	6h13
In-service duration	:	19h40
Loading duration	:	0h00
Layover duration	:	3h43
Total duration	:	29h36
Total distance	:	421.550
% Off-service/total time	:	21.0 %
% Layover/total time	:	12.6 %
% Off-service/total distance	:	46.7 %
Inbound	:	10.8
Outbound	:	12.2
Average	:	11.4
Total	:	Speed 14.2 In-serv. + layover : 9.6

Off-service trip pattern	Distances
SHJ Bus Turnaround Shelter / Collier Garage	8 * 12.658 = 101.2627
Collier Garage / SHJ Bus Turnaround Shelter	8 * 11.956 = 95.6453

[illegible]

In-service trip pattern - Outbound	Distances		
Layover - Penn Park Terminal / Churchview Garden Apartments	32 *	11.944 =	382.223

Off-service trip pattern	Distances
Collier Garage / Layover - Penn Park Terminal	19 * 13.690 = 260.1143
Layover - Penn Park Terminal / Collier Garage	19 * 12.880 = 244.7265
Churchview Garden Apartments / Collier Garage	4 * 17.473 = 69.8923
Collier Garage / Churchview Garden Apartments	4 * 16.958 = 67.8313

[illegible]

Off-service trip pattern	Distances			
SHJ Bus Turnaround Shelter / Collier Garage	19 *	12.658 =	240.499	
Collier Garage / SHJ Bus Turnaround Shelter	19 *	11.956 =	227.1576	
SHJ Bus Turnaround Shelter / Liberty Ave at Wm Penn Pl	1 *	2.067 =	2.0674	

[illegible]

Off-service trip pattern	Distances
Lebanon Rd at Noble Dr / West Mifflin Garage	34 * 0.401 = 13.6419
West Mifflin Garage / Lebanon Rd past Noble Dr	31 * 0.467 = 14.4902
West Mifflin Garage / Brentwood Loop	21 * 5.443 = 114.3028
Brentwood Loop / West Mifflin Garage	20 * 4.892 = 97.842
Brentwood Loop / West Mifflin Garage	7 * 5.327 = 37.2891
West Mifflin Garage / Brentwood Loop	2 * 5.492 = 10.9836
Layover - West Mifflin Garage / Layover - Penn State McKeesport	1 * 9.676 = 9.6755
Layover - West Mifflin Garage / Second Ave opp. Municipal Courts Dr	1 * 7.865 = 7.8654
Layover - West Mifflin Garage / McKeesport Transportation Ctr Bay #2	1 * 6.979 = 6.9788
Lebanon Rd at Noble Dr / Brentwood Loop	1 * 5.134 = 5.1337

[illegible]

Off-service trip pattern	Distances
West Mifflin Garage / Fort Pitt Blvd past Smithfield St	7 * 8.284 = 57.9881
Sixth Ave at Smithfield St / West Mifflin Garage	5 * 8.425 = 42.125
Brownsville Rd at Town Square Drvwy / South Busway at Edgebrook Stop (inbound)	5 * 3.504 = 17.5195
West Mifflin Garage / Brownsville Rd at Dewalt Ave	4 * 4.734 = 18.9364
South Busway at Edgebrook Stop (outbound) / Brownsville Rd at Dewalt Ave	4 * 3.337 = 13.347
Brownsville Rd at Town Square Drvwy / West Mifflin Garage	3 * 5.045 = 15.1348
Sixth Ave at Smithfield St / South Busway at Edgebrook Stop (outbound)	2 * 3.097 = 6.1944
Sixth Ave at Smithfield St / Large Park-and-Ride Terminal	1 * 13.345 = 13.3455
Brownsville Rd at Town Square Drvwy / Layover - West Mifflin Garage	1 * 5.051 = 5.0514
South Busway at Edgebrook Stop (inbound) / Fort Pitt Blvd past Smithfield St	1 * 3.000 = 3.0002

First pull-out	:	5:11
Last pull-in	:	19:31
Number of blocks	:	8
Number at garage	:	46
Pull-out/Pull-in	:	8/ 5 / / / / /
Number of in-service trips	:	20
In-service distance	:	218.452
Off-service duration	:	5h37
In-service duration	:	14h04
Loading duration	:	0h00
Layover duration	:	1h33
Total duration	:	21h14
Off-service distance	:	120.698
Total distance	:	339.150
% Off-service/total time	:	26.5 %
% Layover/total time	:	7.3 %
% Off-service/total distance	:	35.6 %
In-service speed	:	
Inbound	:	16.7
Outbound	:	14.5
Average	:	15.5
Speed	:	
Total : 16.0 In-serv. + layover	:	14.0

In-service trip pattern	- Inbound	Distances		
Library Pl at 1st St	/ Blvd of the Allies at Stanwix St	8 *	13.379 =	107.032
Second Ave opp. Municipal Courts Dr	/ Blvd of the Allies at Stanwix St	4 *	0.562 =	2.249

In-service trip pattern	- Outbound	Distances		
Blvd of the Allies at Stanwix St	/ Library Pl at 1st St	8 *	13.670 =	109.362

Off-service trip pattern	Distances
West Mifflin Garage / Second Ave opp. Municipal Courts Dr	4 * 7.872 = 31.4875
West Mifflin Garage / Library Pl at 1st St	4 * 7.382 = 29.5277
Library Pl at 1st St / West Mifflin Garage	3 * 7.588 = 22.7648
Bldv of the Allies at Stanwix St / West Mifflin Garage	2 * 8.636 = 17.2715
Bldv of the Allies at Stanwix St / Layover - Waterfront Terminal	2 * 8.442 = 16.8842
Library Pl at 1st St / McKeesport Transportation Ctr Bay #2	1 * 2.762 = 2.7622

[illegible]

In-service trip pattern	- Outbound	Distances		
Blvd of the Allies at Stanwix St	/ Layover - West Mifflin Garage	19 *	20.001 =	380.018
Blvd of the Allies at Stanwix St	/ Layover - West Mifflin Garage	7 *	17.009 =	119.0605

Off-service trip pattern	Distances
Layover - West Mifflin Garage / West Mifflin Garage	19 * 0.086 = 1.6355
West Mifflin Garage / Layover - West Mifflin Garage	15 * 0.086 = 1.2909
West Mifflin Garage / Lebanon Rd past Noble Dr	6 * 0.467 = 2.8045
Bldv of the Allies at Stanwix St / West Mifflin Garage	2 * 8.636 = 17.2715
West Mifflin Garage / Second Ave opp. Municipal Courts Dr	2 * 7.872 = 15.7438
Bldv of the Allies at Stanwix St / Layover - Penn Park Terminal	1 * 1.266 = 1.266

First pull-out	:	3:16
Last pull-in	:	26:46
Number of blocks	:	45
Number at garage	:	10
Pull-out/Pull-in	:	44/ 44 / / / / /
Number of in-service trips	:	114
In-service distance	:	1296.333
Off-service duration	:	23h55
In-service duration	:	123h35
Loading duration	:	0h00
Layover duration	:	26h51
Total duration	:	174h21
Off-service distance	:	553.616
Total distance	:	1849.949
% Off-service/total time	:	13.7 %
% Layover/total time	:	15.4 %
% Off-service/total distance	:	29.9 %
In-service speed		
Inbound	:	11.0
Outbound	:	9.9
Average	:	10.5
Speed		
Total	: 10.6 In-serv. + layover	: 8.6

In-service trip pattern	- Outbound	Distances			
Children's Way	/ SHJ Bus Turnaround Shelter	29 *	11.547 =	334.8528	
Children's Way	/ McKinley St at Brownsville Rd	19 *	12.465 =	236.8314	
Children's Way	/ McKinley St past Brownsville Rd	8 *	10.661 =	85.2842	

Off-service trip pattern	Distances
Children's Way / Ross Garage	19 * 5.183 = 98.4769
Ross Garage / Children's Way	19 * 5.015 = 95.285
Children's Way / Ross Garage	11 * 4.961 = 54.5688
Ross Garage / Children's Way	9 * 5.107 = 45.962
Ross Garage / SHJ Bus Turnaround Shelter	6 * 8.495 = 50.970
SHJ Bus Turnaround Shelter / Ross Garage	6 * 8.411 = 50.4684
Ross Garage / SHJ Bus Turnaround Shelter	5 * 8.495 = 42.4731
SHJ Bus Turnaround Shelter / Ross Garage	5 * 8.411 = 42.055
Ross Garage / McKinley St past Brownsville Rd	4 * 9.341 = 37.3648
McKinley St at Brownsville Rd / Ross Garage	3 * 9.122 = 27.3661
Ross Garage / McKinley St past Brownsville Rd	1 * 9.422 = 9.422
Children's Way / Layover - Penn Park Terminal	1 * 1.761 = 1.761

[illegible]

Off-service trip pattern	Distances
West Mifflin Garage / Lebanon Rd past Noble Dr	18 * 0.467 = 8.4136
Lebanon Rd at Noble Dr / West Mifflin Garage	17 * 0.401 = 6.8207
West Mifflin Garage / Wal Mart (North Versailles)	1 * 11.571 = 11.5707
Wal Mart (North Versailles) / Layover - Braddock Terminal	1 * 4.261 = 4.2607
Lebanon Rd at Noble Dr / Layover - West Mifflin Garage	1 * 0.408 = 0.4077

First pull-out	:	4:31
Last pull-in	:	25:28
Number of blocks	:	9
Number at garage	:	46
Pull-out/Pull-in	:	7/ 8 / / / / /

Number of in-service trips	:	60	In-service distance	:	931.534
Off-service duration	:	6h02	Off-service distance	:	140.913
In-service duration	:	53h05			
Loading duration	:	0h00			
Layover duration	:	10h05			
Total duration	:	69h12	Total distance	:	1072.447

% Off-service/total time	:	8.7 %	In-service speed		
% Layover/total time	:	14.6 %	Inbound	:	17.7
% Off-service/total distance	:	13.1 %	Outbound	:	17.4
			Average	:	17.5
			Speed		
			Total :	15.5 In-serv. + layover	: 14.7

Off-service trip pattern	Distances
West Mifflin Garage / Layover - Penn State McKeesport	5 * 9.682 = 48.4101
Layover - Penn State McKeesport / West Mifflin Garage	4 * 9.670 = 38.6814
Layover - Penn State McKeesport / West Mifflin Garage	3 * 9.567 = 28.701
West Mifflin Garage / Second Ave at Johnston Ave	2 * 3.866 = 7.7327
Bldv of the Allies at Stanwix St / West Mifflin Garage	1 * 8.636 = 8.6358
Bldv of the Allies at Stanwix St / Layover - Waterfront Terminal	1 * 8.442 = 8.4421

Route 057 Hazelwood
ROUTE OVERVIEW

[illegible]

In-service trip pattern - Inbound	Distances		
Layover - Waterfront Terminal / Blvd of the Allies at Stanwix St	31 *	9.198 =	285.1342

In-service trip pattern	- Outbound	Distances		
Bldv of the Allies at Stanwix St	/ Layover - Waterfront Terminal	31 *	9.222 =	285.8676

Off-service trip pattern	Distances
Layover - Waterfront Terminal / West Mifflin Garage	9 * 6.093 = 54.8363
West Mifflin Garage / Layover - Waterfront Terminal	9 * 4.935 = 44.415
West Mifflin Garage / Layover - Waterfront Terminal	6 * 4.984 = 29.9024
Layover - Waterfront Terminal / West Mifflin Garage	2 * 6.014 = 12.028

Off-service trip pattern	Distances
East Liberty Garage / Forbes Ave at Morewood Ave (CMU)	12 * 3.762 = 45.142
Forbes Ave at Morewood Ave (CMU) / East Liberty Garage	11 * 4.045 = 44.4971
Forbes Ave at Morewood Ave (CMU) / Layover - Penn Park Terminal	1 * 3.877 = 3.8767

In-service trip pattern	- Outbound	Distances		
Century III Parking Lot at Shelter	/ Wal Mart (North Versailles)	19 *	36.014 =	684.271

Off-service trip pattern	Distances
Century III Parking Lot at Shelter / West Mifflin Garage	18 * 3.214 = 57.8451
West Mifflin Garage / Century III Parking Lot at Shelter	17 * 3.192 = 54.2645
West Mifflin Garage / Wal Mart (North Versailles)	3 * 11.571 = 34.7122
Wal Mart (North Versailles) / West Mifflin Garage	3 * 11.536 = 34.6066
Century III Parking Lot at Shelter / Large Park-and-Ride Terminal	1 * 4.117 = 4.1171

Route 060 Walnut-Crawford Village

ROUTE OVERVIEW

In-service trip pattern	- Inbound	Distances		
Boston Bridge Terminal	/ Young Dr at Yester Sq	14 *	5.329 =	74.6036
Boston Bridge Terminal	/ McKeesport Transportation Ctr Bay #4	1 *	4.142 =	4.1423

In-service trip pattern	- Outbound	Distances		
Young Dr at Yester Sq	/ Boston Bridge Terminal	14 *	6.258 =	87.6074
McKeesport Transportation Ctr Bay #4	/ Boston Bridge Terminal	1 *	3.932 =	3.9318

Off-service trip pattern	Distances
West Mifflin Garage / McKeesport Transportation Ctr Bay #4	1 * 7.092 = 7.092
McKeesport Transportation Ctr Bay #4 / West Mifflin Garage	1 * 6.869 = 6.869

Route 061A North Braddock
ROUTE OVERVIEW

[illegible]

In-service trip pattern	-	Inbound	Distances			
Layover - Braddock Terminal	/	Fifth Ave at Wood St	32	*	11.875	= 379.9855
Braddock Hills Terminal	/	Fifth Ave at Wood St	22	*	13.257	= 291.6554
Corey Ave at Braddock Ave	/	Fifth Ave at Wood St	1	*	11.945	= 11.9452

In-service trip pattern	- Outbound	Distances		
Fifth Ave at Wood St	/ Braddock Ave at 6th St	29 *	11.626 =	337.1404
Fifth Ave at Wood St	/ Braddock Hills Terminal	26 *	13.140 =	341.6351

Off-service trip pattern	Distances
West Mifflin Garage / Layover - Braddock Terminal	22 * 7.162 = 157.5642
Braddock Ave at 6th St / West Mifflin Garage	14 * 7.269 = 101.7659
Braddock Ave at 6th St / West Mifflin Garage	11 * 7.269 = 79.9617
West Mifflin Garage / Layover - Braddock Terminal	10 * 7.365 = 73.6527
Braddock Ave at 6th St / Layover - Waterfront Terminal	2 * 3.028 = 6.0553
Braddock Ave at 6th St / Layover - E Busway Swissvale Terminal	2 * 1.477 = 2.9548
West Mifflin Garage / Braddock Hills Terminal	1 * 8.874 = 8.874
Layover - E Busway Swissvale Terminal / Corey Ave at Braddock Ave	1 * 1.542 = 1.542

[illegible]

Off-service trip pattern	Distances
Layover - Braddock Terminal / West Mifflin Garage	22 * 7.594 = 167.0679
West Mifflin Garage / Layover - Braddock Terminal	17 * 7.162 = 121.7541
Layover - Braddock Terminal / West Mifflin Garage	12 * 7.441 = 89.2889
West Mifflin Garage / Layover - Braddock Terminal	7 * 7.365 = 51.5569
Layover - E Busway Swissvale Terminal / Corey Ave at Braddock Ave	3 * 1.542 = 4.6259
West Mifflin Garage / Braddock Hills Terminal	2 * 8.874 = 17.748
Braddock Ave opp. Corey Ave / Layover - E Busway Swissvale Terminal	2 * 1.429 = 2.8588
West Mifflin Garage / Braddock Hills Terminal	1 * 8.874 = 8.874

[illegible]

In-service trip pattern - Inbound	Distances		
McKeesport Transportation Ctr Bay #2 / Fifth Ave at Wood St	57 *	15.561 =	886.982

In-service trip pattern	- Outbound	Distances		
Fifth Ave at Wood St	/ McKeesport Transportation Ctr Bay #2	57 *	14.481 =	825.410'

Off-service trip pattern	Distances
McKeesport Transportation Ctr Bay #2 / West Mifflin Garage	39 * 6.896 = 268.929
West Mifflin Garage / McKeesport Transportation Ctr Bay #2	27 * 6.937 = 187.299
West Mifflin Garage / McKeesport Transportation Ctr Bay #2	11 * 6.985 = 76.837
McKeesport Transportation Ctr Bay #2 / Layover - Penn State McKeesport	1 * 3.012 = 3.012

In-service trip pattern	- Outbound	Distances		
Fifth Ave at Wood St	/ Layover - Waterfront Terminal	57 *	9.354 =	533.1594
Forbes Ave past Craft Ave	/ Murray Ave at Hazelwood Ave	13 *	3.849 =	50.0333

Off-service trip pattern	Distances			
Layover - Waterfront Terminal / West Mifflin Garage	29 *	6.093 =	176.6946	
West Mifflin Garage / Layover - Waterfront Terminal	19 *	4.935 =	93.765	
Layover - Beechwood Blvd at Saline St / Forbes Ave past Craft Ave	10 *	3.241 =	32.4129	
Murray Ave at Hazelwood Ave / Layover - Beechwood Blvd at Saline St	10 *	0.135 =	1.3473	
Fifth Ave at Wood St / West Mifflin Garage	8 *	8.275 =	66.200	
West Mifflin Garage / Layover - Waterfront Terminal	6 *	4.984 =	29.9024	
Layover - Waterfront Terminal / West Mifflin Garage	4 *	6.014 =	24.056	
Murray Ave at Hazelwood Ave / West Mifflin Garage	3 *	5.669 =	17.0079	
West Mifflin Garage / Forbes Ave past Craft Ave	2 *	7.566 =	15.132	
Layover - Waterfront Terminal / Forbes Ave past Craft Ave	1 *	5.466 =	5.4663	

[illegible]

Off-service trip pattern	Distances
Layover - Waterfront Terminal / West Mifflin Garage	12 * 6.093 = 73.115
East Liberty Garage / 39th St at Butler St	9 * 3.883 = 34.9449
West Mifflin Garage / Layover - Waterfront Terminal	8 * 4.935 = 39.480
39th St at Butler St / East Liberty Garage	8 * 4.097 = 32.7753
West Mifflin Garage / Layover - Waterfront Terminal	4 * 4.984 = 19.9349
Layover - Waterfront Terminal / West Mifflin Garage	2 * 6.014 = 12.028
39th St at Butler St / East Liberty Garage	2 * 4.099 = 8.198
East Liberty Garage / 39th St at Butler St	1 * 3.883 = 3.883

In-service trip pattern	- Outbound	Distances		
Stanwix St opp. Fourth Ave	/ Wightman St at Beacon St	6 *	7.169 =	43.011
Stanwix St opp. Fourth Ave	/ Beechwood Blvd past Douglas St	4 *	5.567 =	22.2684

Off-service trip pattern	Distances
West Mifflin Garage / Beacon St past Murray Av	3 * 6.759 = 20.2771
Stanwix St opp. Fourth Ave / West Mifflin Garage	2 * 8.543 = 17.0863
West Mifflin Garage / Fifth Ave at Grant St	2 * 8.152 = 16.304
Wightman St at Beacon St / West Mifflin Garage	2 * 6.857 = 13.7134
Stanwix St opp. Fourth Ave / Layover - Penn Park Terminal	1 * 1.291 = 1.2905

Route 067 Monroeville
ROUTE OVERVIEW

In-service trip pattern	- Inbound	Distances		
CCAC - Boyce Campus	/ Stanwix St opp. Fourth Ave	22 *	20.441 =	449.704
Penn Ave past Graham Blvd	/ Stanwix St opp. Fourth Ave	5 *	8.960 =	44.799
Fifth Ave at Ross St	/ Stanwix St opp. Fourth Ave	3 *	0.572 =	1.716
Monroeville Mall (West Court entrance)	/ Stanwix St opp. Fourth Ave	2 *	14.689 =	29.377

In-service trip pattern	- Outbound	Distances		
Stanwix St opp. Fourth Ave	/ CCAC - Boyce Campus	21 *	20.300 =	426.304
Stanwix St opp. Fourth Ave	/ Penn Ave at Graham Blvd	4 *	8.913 =	35.650
Stanwix St opp. Fourth Ave	/ Monroeville Mall (West Court entrance)	1 *	14.471 =	14.471
Sawyer Way at East Busway	/ CCAC - Boyce Campus	1 *	13.058 =	13.058

Off-service trip pattern	Distances
CCAC - Boyce Campus / East Liberty Garage	6 * 10.844 = 65.064
Stanwix St opp. Fourth Ave / East Liberty Garage	4 * 6.252 = 25.008
Layover - Brushton Terminal / Penn Ave past Graham Blvd	4 * 3.492 = 13.969
East Liberty Garage / CCAC - Boyce Campus	3 * 11.305 = 33.914
Penn Ave at Graham Blvd / Layover - Penn Park Terminal	2 * 9.004 = 18.008
East Liberty Garage / Monroeville Mall (West Court entrance)	2 * 8.897 = 17.794
Stanwix St opp. Fourth Ave / Layover - Brushton Terminal	2 * 7.238 = 14.475
East Liberty Garage / Fifth Ave at Ross St	2 * 5.713 = 11.426
Monroeville Mall (West Court entrance) / East Liberty Garage	1 * 9.057 = 9.057
East Liberty Garage / Penn Ave past Graham Blvd	1 * 4.824 = 4.824
Penn Ave at Graham Blvd / East Liberty Garage	1 * 4.734 = 4.734
Penn Ave at Graham Blvd / Layover - Brushton Terminal	1 * 3.076 = 3.076
East Liberty Garage / Sawyer Way at East Busway	1 * 2.490 = 2.490
Layover - Penn Park Terminal / Fifth Ave at Ross St	1 * 0.814 = 0.814

Off-service trip pattern	Distances
East Liberty Garage / Layover - Viaduct Way Terminal	7 * 14.150 = 99.0517
Layover - Viaduct Way Terminal / East Liberty Garage	4 * 14.532 = 58.1281
Layover - Viaduct Way Terminal / Layover - Brushton Terminal	2 * 12.878 = 25.7563
East Liberty Garage / Fifth Ave at Ross St	2 * 5.713 = 11.426
Stanwix St opp. Fourth Ave / East Liberty Garage	1 * 6.252 = 6.2522

In-service trip pattern - Inbound	Distances
Braddock Ave at Hawkins Village / Layover - Brushton Terminal	7 * 6.342 = 44.3913

In-service trip pattern	- Outbound	Distances		
Layover - Brushton Terminal	/ Braddock Ave at Hawkins Village	7 *	6.735 =	47.1471

Off-service trip pattern	Distances
East Liberty Garage / Layover - Brushton Terminal	6 * 1.390 = 8.339
Layover - Brushton Terminal / Layover - L'ville Shopping Ctr Terminal	1 * 5.866 = 5.86633
Layover - Brushton Terminal / Lincoln Loop	1 * 3.517 = 3.5174
Layover - Brushton Terminal / East Liberty Garage	1 * 1.675 = 1.675

Off-service trip pattern	Distances
St Clair St N past Bunkerhill St / East Liberty Garage	28 * 2.177 = 60.962
East Liberty Garage / St Clair St N past Bunkerhill St	27 * 2.105 = 56.8452
Fifth Ave at Wood St / East Liberty Garage	4 * 5.882 = 23.5298
St Clair St N past Bunkerhill St / Layover - Mellon Terrace Terminal	2 * 0.830 = 1.660
St Clair St N past Bunkerhill St / Layover - Penn Park Terminal	1 * 7.094 = 7.0938
St Clair St N past Bunkerhill St / Layover - East Liberty Terminal	1 * 1.952 = 1.9518
St Clair St N past Bunkerhill St / Baker St past Butler St	1 * 1.643 = 1.6428

Off-service trip pattern	Distances
East Liberty Garage / St Clair St N past Bunkerhill St	27 * 2.105 = 56.8452
St Clair St N past Bunkerhill St / East Liberty Garage	26 * 2.177 = 56.6076
Layover - Mellon Terrace Terminal / St Clair St N past Bunkerhill St	7 * 0.301 = 2.1081
Fifth Ave at Wood St / East Liberty Garage	3 * 5.882 = 17.6473
Layover - Penn Park Terminal / St Clair St N past Bunkerhill St	2 * 6.653 = 13.3068
St Clair St N past Bunkerhill St / Layover - Penn Park Terminal	1 * 7.094 = 7.0938

In-service trip pattern	- Outbound	Distances		
Fifth Ave at Wood St	/ Layover - Brushton Terminal	61 *	8.504 =	518.729

Off-service trip pattern	Distances
Layover - Brushton Terminal / East Liberty Garage	35 * 1.675 = 58.623
East Liberty Garage / Layover - Brushton Terminal	28 * 1.390 = 38.915
Layover - Brushton Terminal / East Busway opp. East Liberty Garage	3 * 1.213 = 3.639
Layover - Brushton Terminal / Layover - Penn Park Terminal	1 * 5.949 = 5.949
Layover - Brushton Terminal / Giant Eagle East Hills	1 * 1.910 = 1.909

In-service trip pattern	- Outbound	Distances		
Fifth Ave at Wood St	/ Layover - Brushton Terminal	64 *	8.103 =	518.5612

Off-service trip pattern		Distances			
Layover - Brushton Terminal	/ East Liberty Garage	32 *	1.675 =	53.5988	
East Liberty Garage	/ Layover - Brushton Terminal	28 *	1.390 =	38.9152	
Layover - Brushton Terminal	/ Layover - Penn Park Terminal	2 *	5.949 =	11.8978	
Fifth Ave at Wood St	/ East Liberty Garage	2 *	5.882 =	11.7649	
Layover - Brushton Terminal	/ Layover - Harmar Garage Terminal	1 *	10.942 =	10.942	
Fifth Ave at Wood St	/ Layover - Brushton Terminal	1 *	6.868 =	6.8682	
Layover - Brushton Terminal	/ Layover - L'ville Shopping Ctr Terminal	1 *	5.866 =	5.8663	
Layover - Brushton Terminal	/ Fifth Ave opp. McPherson St	1 *	1.334 =	1.3335	
Layover - Brushton Terminal	/ East Busway opp. East Liberty Garage	1 *	1.213 =	1.2131	

[illegible]

In-service trip pattern	- Inbound	Distances		
Beechwood Blvd at Tilbury Ave	/ Beatty St S at Penn Ave	26 *	10.251 =	266.5207
Shuman Center	/ Beatty St S at Penn Ave	2 *	3.559 =	7.1183

In-service trip pattern	- Outbound	Distances		
Beatty St S at Penn Ave	/ Beechwood Blvd at Tilbury Ave	26 *	10.271 =	267.0564
Beatty St S at Penn Ave	/ Shuman Center	1 *	3.365 =	3.3649

Off-service trip pattern	Distances
East Liberty Garage / Beatty St S at Penn Ave	13 * 1.532 = 19.9163
Beatty St S at Penn Ave / East Liberty Garage	12 * 1.118 = 13.4205
Beatty St S at Penn Ave / Penn Station Stop C	1 * 6.057 = 6.057
East Liberty Garage / Shuman Center	1 * 2.661 = 2.6614
Beatty St S at Penn Ave / Baker St past Butler St	1 * 2.484 = 2.4839
Beatty St S at Penn Ave / St Clair St N past Bunkerhill St	1 * 1.593 = 1.5929

[illegible]

Off-service trip pattern	Distances
East Liberty Garage / Fox Chapel Term(Old Freeport-Freeport)	23 * 5.537 = 127.3494
Fox Chapel Term(Old Freeport-Freeport) / East Liberty Garage	20 * 5.968 = 119.361
Baker St at Butler St / East Liberty Garage	5 * 3.001 = 15.0041
East Liberty Blvd at Dahlem Pl / East Liberty Garage	4 * 0.416 = 1.6627
Fox Chapel Term(Old Freeport-Freeport) / Layover - Penn Park Terminal	1 * 9.299 = 9.2994
Layover - Brushton Terminal / Fox Chapel Term(Old Freeport-Freeport)	1 * 6.625 = 6.625
Fox Chapel Term(Old Freeport-Freeport) / Layover - East Liberty Terminal	1 * 6.134 = 6.1344
Fox Chapel Term(Old Freeport-Freeport) / Lincoln Loop	1 * 5.754 = 5.754
East Liberty Garage / Fox Chapel Term(Old Freeport-Freeport)	1 * 5.536 = 5.536
East Liberty Garage / East Liberty Blvd at Penn Ave	1 * 0.338 = 0.3378

Route 077 Penn Hills
ROUTE OVERVIEW

First pull-out	:	4:26
Last pull-in	:	24:11
Number of blocks	:	18
Number at garage	:	56
Pull-out/Pull-in	:	12/ 8 / / / /
Number of in-service trips	:	67
In-service distance	:	1254.539
Off-service duration	:	6h52
On-service duration	:	78h29
Loading duration	:	0h00
Layover duration	:	10h30
Total duration	:	95h51
Total distance	:	1441.968
% Off-service/total time	:	7.2 %
% Layover/total time	:	11.0 %
% Off-service/total distance	:	13.0 %
Inbound	:	15.7
Outbound	:	16.3
Average	:	16.0
Speed		
Total	: 15.0 In-serv. + layover	: 14.1

In-service trip pattern	-	Inbound	Distances			
CCAC - Boyce Campus	/	Liberty Ave at Market St	16	*	20.170	= 322.7121
CCAC - Boyce Campus	/	Liberty Ave at Market St	15	*	20.541	= 308.1111
Fifth Ave at Ross St	/	Liberty Ave at Market St	5	*	0.464	= 2.3182

In-service trip pattern	-	Outbound	Distances				
Liberty Ave at Market St	/	CCAC - Boyce Campus	15	*	20.410	=	306.1503
Liberty Ave at Market St	/	CCAC - Boyce Campus	15	*	20.039	=	300.5818
Liberty Ave at Market St	/	Alcoma Apartments	1	*	14.234	=	14.234

Off-service trip pattern	Distances
East Liberty Garage / CCAC - Boyce Campus	8 * 11.305 = 90.4377
Liberty Ave at Market St / East Liberty Garage	4 * 5.769 = 23.0742
East Liberty Garage / Fifth Ave at Ross St	4 * 5.713 = 22.852
CCAC - Boyce Campus / East Liberty Garage	3 * 10.844 = 32.5322
CCAC - Boyce Campus / Layover - Brushton Terminal	1 * 9.120 = 9.120
Alcoma Apartments / East Liberty Garage	1 * 8.090 = 8.0899
Layover - Penn Park Terminal / Fifth Ave at Ross St	1 * 0.814 = 0.8141
Liberty Ave at Market St / Layover - Penn Park Terminal	1 * 0.807 = 0.8069

First pull-out	:	5:09
Last pull-in	:	25:01
Number of blocks	:	47
Number at garage	:	56
Pull-out/Pull-in	:	20/ 23 / / / / /
Number of in-service trips	:	78
In-service distance	:	511.532
Off-service duration	:	3h40
Off-service distance	:	96.030
In-service duration	:	33h02
Loading duration	:	0h00
Layover duration	:	6h10
Total duration	:	42h52
Total distance	:	607.562
% Off-service/total time	:	8.6 %
% Layover/total time	:	14.4 %
% Off-service/total distance	:	15.8 %
In-service speed		
Inbound	:	15.7
Outbound	:	15.3
Average	:	15.5
Speed		
Total	:	14.2 In-serv. + layover : 13.0

In-service trip pattern	- Inbound	Distances			
Layover - Brushton Terminal	/ Giant Eagle East Hills	18 *	4.511 =	81.2015	
Layover - Brushton Terminal	/ Lincoln Loop	14 *	9.106 =	127.4846	
Layover - Brushton Terminal	/ Verona Rd at Giant Eagle Driveway	7 *	4.470 =	31.288	

In-service trip pattern	-	Outbound	Distances		
Lincoln Ave at Verona Blvd	/	Layover - Brushton Terminal	16 *	8.709 =	139.3397
Giant Eagle East Hills	/	Layover - Brushton Terminal	16 *	4.450 =	71.1994
Lincoln Ave at Verona Blvd	/	Layover - Brushton Terminal	7 *	8.709 =	60.9611

Off-service trip pattern	Distances
Layover - Brushton Terminal / East Liberty Garage	20 * 1.675 = 33.4992
East Liberty Garage / Layover - Brushton Terminal	19 * 1.390 = 26.4080
Giant Eagle East Hills / East Liberty Garage	3 * 3.543 = 10.6286
Giant Eagle East Hills / Layover - Penn Park Terminal	1 * 7.817 = 7.8168
Layover - Brushton Terminal / Layover - Penn Park Terminal	1 * 5.949 = 5.9489
Layover - Brushton Terminal / St Clair St N past Bunkerhill St	1 * 3.356 = 3.3559
East Liberty Garage / Giant Eagle East Hills	1 * 3.242 = 3.2418
Layover - Brushton Terminal / Giant Eagle East Hills	1 * 1.910 = 1.9099
Giant Eagle East Hills / Layover - Brushton Terminal	1 * 1.889 = 1.889
Layover - Brushton Terminal / Fifth Ave opp. McPherson St	1 * 1.334 = 1.3335

First pull-out	:	4:40								
Last pull-in	:	25:06								
Number of blocks	:	18								
Number at garage	:	46								
Pull-out/Pull-in	:	15/ 13	/		/		/		/	
Number of in-service trips	:	64	In-service distance	:	399.072					
Off-service duration	:	8h32	Off-service distance	:	188.585					
In-service duration	:	38h38								
Loading duration	:	0h00								
Layover duration	:	7h52								
Total duration	:	55h02	Total distance	:	587.657					
% Off-service/total time	:	15.5 %	Inbound In-service speed	:	9.8					
% Layover/total time	:	14.3 %	Outbound	:	11.0					
% Off-service/total distance	:	32.1 %	Average	:	10.3					
			Total Speed	:	10.7	In-serv. + layover	:	8.6		

In-service trip pattern - Inbound	Distances		
Wharton St at 20th St S (Wharton Square) / Liberty Ave at Market St	32 *	6.727 =	215.2727

In-service trip pattern	- Outbound	Distances		
Liberty Ave at Market St	/ Wharton St at 20th St S (Wharton Square)	32 *	5.739 =	183.6527

Off-service trip pattern	Distances			
West Mifflin Garage / Wharton St at 20th St S (Wharton Square)	15	*	6.683	= 100.244
Wharton St at 20th St S (Wharton Square) / West Mifflin Garage	13	*	6.686	= 86.9119
Wharton St at 20th St S (Wharton Square) / Fifth Ave at Maurice St	1	*	1.429	= 1.4288

First pull-out	:	4:34
Last pull-in	:	25:04
Number of blocks	:	39
Number at garage	:	56
Pull-out/Pull-in	:	19/ 16 / / / /
Number of in-service trips	:	104
In-service distance	:	759.573
Off-service duration	:	8h07
In-service duration	:	72h43
Loading duration	:	0h00
Layover duration	:	6h17
Total duration	:	87h07
Total distance	:	880.560
% Off-service/total time	:	9.3 %
% Layover/total time	:	7.2 %
% Off-service/total distance	:	13.7 %
In-service speed		
Inbound	:	10.2
Outbound	:	10.7
Average	:	10.4
Speed		
Total	:	10.1 In-serv. + layover : 9.6

Off-service trip pattern		Distances		
East Liberty Garage	/ Lincoln Loop	19 *	2.267 =	43.070
Lincoln Loop	/ East Liberty Garage	16 *	2.366 =	37.863
Layover - Brushton Terminal	/ Lincoln Loop	2 *	3.517 =	7.034
Lincoln Loop	/ Layover - Penn Park Terminal	1 *	7.097 =	7.096
Lincoln Loop	/ Layover - E Busway Swissvale Terminal	1 *	6.354 =	6.353
Lincoln Loop	/ Fox Chapel Term(Old Freeport-Freeport)	1 *	5.251 =	5.251
Lincoln Loop	/ Layover - L'ville Shopping Ctr Terminal	1 *	4.493 =	4.492
Lincoln Loop	/ Layover - Brushton Terminal	1 *	3.533 =	3.532
Lincoln Loop	/ St Clair St N past Bunkerhill St	1 *	3.432 =	3.431
Lincoln Loop	/ Beatty St S at Penn Ave	1 *	2.858 =	2.858

[illegible]

Off-service trip pattern	Distances
Wharton St at 20th St S (Wharton Square) / West Mifflin Garage	14 * 6.686 = 93.5974
West Mifflin Garage / Wharton St at 20th St S (Wharton Square)	14 * 6.683 = 93.5611
Wharton St at 20th St S (Wharton Square) / Fifth Ave at Maurice St	3 * 1.429 = 4.2864
Layover - Penn Park Terminal / Wharton St at 20th St S (Wharton Square)	1 * 2.903 = 2.9031
Layover - Penn Park Terminal / Wharton St at 20th St S (Wharton Square)	1 * 2.903 = 2.903

[illegible]

In-service trip pattern - Inbound	Distances		
Layover - Brushton Terminal / Penn Ave at Garrison Pl	43 *	8.674 =	373.003

In-service trip pattern	- Outbound	Distances		
Penn Ave at Garrison Pl	/ Layover - Brushton Terminal	43 *	9.008 =	387.3534

Off-service trip pattern	Distances
East Liberty Garage / Layover - Brushton Terminal	21 * 1.390 = 29.1864
Layover - Brushton Terminal / East Liberty Garage	15 * 1.675 = 25.1244
Layover - Brushton Terminal / Fifth Ave opp. McPherson St	2 * 1.334 = 2.667
Layover - Brushton Terminal / Layover - Mellon Terrace Terminal	1 * 3.567 = 3.567

Off-service trip pattern	Distances
Layover - L'ville Shopping Ctr Terminal / East Liberty Garage	15 * 4.652 = 69.7787
East Liberty Garage / Layover - L'ville Shopping Ctr Terminal	11 * 4.778 = 52.5602
East Liberty Garage / Baker St past Butler St	5 * 3.020 = 15.1013
Liberty Ave at 10th St NS / East Liberty Garage	4 * 5.873 = 23.4932
Baker St at Butler St / East Liberty Garage	4 * 3.001 = 12.0033
East Liberty Garage / Liberty Ave at 10th St NS	3 * 5.336 = 16.0094
Layover - Penn Park Terminal / Liberty Ave at 10th St NS	3 * 0.438 = 1.3128
Baker St at Butler St / Layover - East Liberty Terminal	2 * 3.163 = 6.3251
Layover - L'ville Shopping Ctr Terminal / Layover - Penn Park Terminal	1 * 9.370 = 9.3704
Layover - Penn Park Terminal / Baker St past Butler St	1 * 7.687 = 7.6871
Liberty Ave at 10th St NS / Layover - Brushton Terminal	1 * 6.855 = 6.8552
Liberty Ave at 10th St NS / Layover - East Liberty Terminal	1 * 5.587 = 5.5866
Layover - L'ville Shopping Ctr Terminal / Fox Chapel Term(Old Freeport-Freeport)	1 * 5.007 = 5.0072
East Liberty Garage / Baker St past Butler St	1 * 3.022 = 3.022

Off-service trip pattern	Distances
East Liberty Garage / Fifth Ave opp. McPherson St	24 * 0.245 = 5.8905
Fifth Ave Ramp at East Liberty Garage / East Liberty Garage	20 * 0.178 = 3.5572
Fifth Ave Ramp at East Liberty Garage / Layover - E Busway Swissvale Terminal	3 * 4.153 = 12.460
Fifth Ave Ramp at East Liberty Garage / Layover - Penn Park Terminal	1 * 4.896 = 4.8963
Layover - Brushton Terminal / Fifth Ave opp. McPherson St	1 * 1.334 = 1.3335
Fifth Ave Ramp at East Liberty Garage / Layover - Brushton Terminal	1 * 1.332 = 1.3321
Layover - East Liberty Terminal / East Liberty Blvd at Penn Ave	1 * 0.191 = 0.1909

ROUTE OVERVIEW

Off-service trip pattern	Distances
East Liberty Garage / Beatty St S at Penn Ave	4 * 1.532 = 6.128
Beatty St S at Penn Ave / East Liberty Garage	4 * 1.118 = 4.473

Off-service trip pattern	Distances
Ross Garage / Penn Ave at Garrison Pl	28 * 5.821 = 162.9892
Penn Ave at Garrison Pl / Ross Garage	24 * 6.090 = 146.1623
Fox Chapel Term(Old Freeport-Freeport) / Ross Garage	8 * 10.956 = 87.6467
Ross Garage / Fox Chapel Term(Old Freeport-Freeport)	8 * 10.923 = 87.3839
Fox Chapel Term(Old Freeport-Freeport) / Ross Garage	6 * 10.956 = 65.736
Ross Garage / Fox Chapel Term(Old Freeport-Freeport)	5 * 10.923 = 54.6142
Penn Ave at Garrison Pl / Layover - Penn Park Terminal	3 * 0.589 = 1.7679
Ross Garage / Layover - VA Hospital Terminal	2 * 11.810 = 23.620
Layover - VA Hospital Terminal / Ross Garage	2 * 11.577 = 23.1534
Layover - VA Hospital Terminal / Fox Chapel Term(Old Freeport-Freeport)	2 * 2.467 = 4.9341
Fox Chapel Term(Old Freeport-Freeport) / Layover - VA Hospital Terminal	2 * 2.462 = 4.9246
Penn Ave at Garrison Pl / Allegheny Station Bay 1	1 * 2.397 = 2.3967

In-service trip pattern - Outbound	Distances		
Broadview Dr at Johnston Ave / Layover - L'ville Shopping Ctr Terminal	33 *	10.651 =	351.472

Off-service trip pattern	Distances			
West Mifflin Garage / Broadview Dr at Johnston Ave	25 *	4.958	=	123.956
Broadview Dr at Johnston Ave / West Mifflin Garage	23 *	4.895	=	112.577
Broadview Dr at Johnston Ave / Layover - Waterfront Terminal	2 *	2.444	=	4.887

Off-service trip pattern	Distances
Collier Garage / Layover - West Busway Terminal	31 * 4.176 = 129.4526
Layover - West Busway Terminal / Collier Garage	30 * 4.898 = 146.942
Layover - West Busway Terminal / Liberty Ave at Wm Penn Pl	1 * 7.663 = 7.6634
Layover - West Busway Terminal / Penn Ave at Garrison Pl	1 * 6.777 = 6.7774

Off-service trip pattern	Distances
University Blvd Park and Ride / Collier Garage	10 * 14.476 = 144.7634
Collier Garage / University Blvd Park and Ride	8 * 14.365 = 114.9232
Collier Garage / Liberty Ave at Wm Penn Pl	6 * 12.972 = 77.833
Liberty Ave at Wm Penn Pl / Collier Garage	6 * 12.358 = 74.1493
Liberty Ave at Wm Penn Pl / Chartiers Valley SC Terminus	1 * 10.214 = 10.2145
Liberty Ave at Wm Penn Pl / SHJ Bus Turnaround Shelter	1 * 1.871 = 1.8705

In-service trip pattern	- Inbound	Distances		
South Fayette Park-and-Ride	/ Penn Ave at Garrison Pl	13 *	12.553 =	163.1889

In-service trip pattern - Outbound	Distances		
Penn Ave at Garrison Pl / South Fayette Park-and-Ride	13 *	12.235 =	159.0589

Off-service trip pattern	Distances
South Fayette Park-and-Ride / Collier Garage	7 * 1.714 = 12.0005
Collier Garage / South Fayette Park-and-Ride	7 * 1.671 = 11.6972
Collier Garage / Penn Ave at Garrison Pl	4 * 13.299 = 53.1963
Penn Ave at Garrison Pl / Collier Garage	2 * 11.996 = 23.9919
Penn Ave at Garrison Pl / Chartiers Valley SC Terminus	2 * 9.609 = 19.2189
Penn Ave at Garrison Pl / Mall at Robinson (Entrance K)	1 * 11.568 = 11.5684
Penn Ave at Garrison Pl / Kennedy Center (Giant Eagle)	1 * 10.702 = 10.7017
South Fayette Park-and-Ride / Chartiers Valley SC Terminus	1 * 1.803 = 1.8033
Penn Ave at Garrison Pl / Layover - Penn Park Terminal	1 * 0.589 = 0.5893

In-service trip pattern	- Outbound	Distances		
Stanwix St at Gateway #2	/ Ross Park-and-Ride (Lower Lot Shelter)	19 *	6.757 =	128.3799
Stanwix St at Gateway #2	/ Ross Park-and-Ride (Lower Lot Shelter)	4 *	6.678 =	26.7127

Off-service trip pattern		Distances			
Ross Garage Layover	/ Stanwix St at Gateway #2	18 *	5.780 =	104.0478	
Ross Park-and-Ride (Lower Lot Shelter)	/ Ross Garage Layover	18 *	0.780 =	14.0345	
Ross Garage Layover	/ Ross Park-and-Ride (Lower Lot Shelter)	14 *	0.829 =	11.6006	
Seventh Ave at William Penn Pl	/ Ross Garage	10 *	5.468 =	54.6807	
Seventh Ave at William Penn Pl	/ Ross Garage Layover	8 *	5.529 =	44.2322	
Ross Garage	/ Stanwix St at Gateway #2	5 *	5.841 =	29.2057	
Ross Park-and-Ride (Lower Lot Shelter)	/ Ross Garage	5 *	0.719 =	3.5933	
Ross Garage	/ Ross Park-and-Ride (Lower Lot Shelter)	3 *	0.890 =	2.6700	
Ross Garage	/ Ross Park-and-Ride (Lower Lot Shelter)	2 *	0.890 =	1.7793	
Seventh Ave at William Penn Pl	/ McCandless Park and Ride	1 *	11.558 =	11.5577	

In-service trip pattern	- Inbound	Distances			
McCandless Park and Ride	/ Seventh Ave at William Penn Pl	16 *	12.799	=	204.7794
McCandless Park and Ride	/ Stanwix St at Gateway #2	6 *	12.275	=	73.648
McCandless Park and Ride	/ Seventh Ave at William Penn Pl	2 *	12.785	=	25.5695

In-service trip pattern	- Outbound	Distances		
Stanwix St at Gateway #2	/ McCandless Park and Ride	22 *	12.068 =	265.4925
Seventh Ave at William Penn Pl	/ McCandless Park and Ride	7 *	11.551 =	80.8545

Off-service trip pattern	Distances
Ross Garage / Stanwix St at Gateway #2	11 * 5.841 = 64.251
Ross Garage / McCandless Park and Ride	7 * 7.785 = 54.495
McCandless Park and Ride / Ross Garage	6 * 7.831 = 46.986
Seventh Ave at William Penn Pl / Ross Garage Layover	6 * 5.529 = 33.1742
McCandless Park and Ride / Stanwix St at Gateway #2	5 * 12.397 = 61.9832
McCandless Park and Ride / Ross Garage	5 * 7.831 = 39.1544
Seventh Ave at William Penn Pl / Ross Garage	5 * 5.468 = 27.3401
Ross Garage / McCandless Park and Ride	3 * 7.875 = 23.6258

In-service trip pattern - Inbound	Distances		
Peebles Rd at Sample Rd / Seventh Ave at Smithfield St	3 *	17.117 =	51.351

In-service trip pattern - Outbound	Distances		
Seventh Ave at Smithfield St / Hemlock Dr at Sample Rd	3 *	15.783 =	47.349

Off-service trip pattern	Distances
Hemlock Dr at Sample Rd / Ross Garage	3 * 7.976 = 23.929
Ross Garage / Peebles Rd at Sample Rd	3 * 6.529 = 19.5855
Seventh Ave at Smithfield St / Ross Garage	3 * 6.218 = 18.6555
Ross Garage / Seventh Ave at Smithfield St	3 * 5.068 = 15.204

Route P1 East Busway-All Stops

ROUTE OVERVIEW

In-service trip pattern	- Inbound	Distances		
Layover - E Busway Swissvale Terminal	/ Liberty Ave at 10th St NS	124 *	9.216 =	1142.7915
East Busway opp. East Liberty Garage	/ Liberty Ave at 10th St NS	11 *	5.118 =	56.300

In-service trip pattern - Outbound	Distances		
Liberty Ave at 10th St NS / Layover - E Busway Swissvale Terminal	125 *	9.676 =	1209.5455

Off-service trip pattern	Distances
Layover - E Busway Swissvale Terminal / East Liberty Garage	17 * 4.378 = 74.4236
East Liberty Garage / Layover - E Busway Swissvale Terminal	15 * 4.211 = 63.1656
East Liberty Garage / East Busway opp. East Liberty Garage	6 * 0.218 = 1.3097
Liberty Ave at 10th St NS / East Liberty Garage	5 * 5.873 = 29.3665
Layover - E Busway Swissvale Terminal / Layover - Brushton Terminal	2 * 2.724 = 5.4479
Layover - E Busway Swissvale Terminal / Layover - Penn Park Terminal	1 * 8.652 = 8.6518
Layover - East Liberty Terminal / East Busway opp. East Liberty Garage	1 * 0.281 = 0.2812

In-service trip pattern - Inbound	Distances		
Bakerstown Road past Alter Rd / Liberty Ave at Gateway #4	9 *	31.735 =	285.6194

In-service trip pattern	- Outbound	Distances		
Liberty Ave at Gateway #4	/ Bakerstown Rd at Silverville Rd	9 *	30.128 =	271.1513

Off-service trip pattern	Distances
East Liberty Garage / Bakerstown Road past Alter Rd	9 * 20.952 = 188.5693
East Liberty Garage / Liberty Ave at Gateway #4	7 * 6.551 = 45.8554
Bakerstown Rd at Silverville Rd / East Liberty Garage	5 * 21.164 = 105.8201
Liberty Ave at Gateway #4 / East Liberty Garage	5 * 5.933 = 29.6664
Bakerstown Rd at Silverville Rd / Layover - East Liberty Terminal	2 * 21.326 = 42.6515
Liberty Ave at Gateway #4 / St Clair St N past Bunkerhill St	2 * 8.205 = 16.4108
Layover - Penn Park Terminal / Liberty Ave at Gateway #4	2 * 1.652 = 3.3038
Bakerstown Rd at Silverville Rd / Layover - Penn Park Terminal	1 * 24.491 = 24.4908
Bakerstown Rd at Silverville Rd / Layover - Brushton Terminal	1 * 22.318 = 22.3183
Liberty Ave at Gateway #4 / Layover - Wallace Terminal	1 * 7.624 = 7.6237
Liberty Ave at Gateway #4 / Layover - Brushton Terminal	1 * 6.919 = 6.919

Route P12 Holiday Park Flyer

ROUTE OVERVIEW

In-service trip pattern - Inbound	Distances			
Holiday Park Dr at Route 286 / Penn Station Stop B	14 *	21.726 =	304.1603	
Holiday Park Dr at Route 286 / Penn Station Stop C	4 *	19.939 =	79.7576	

In-service trip pattern	- Outbound	Distances			
Penn Station Stop C	/ Holiday Park Dr at Route 286	17 *	22.696 =	385.8253	
Penn Station Stop B	/ Holiday Park Dr at Route 286	3 *	20.567 =	61.7023	

Off-service trip pattern	Distances
East Liberty Garage / Holiday Park Dr at Route 286	11 * 15.881 = 174.6873
Holiday Park Dr at Route 286 / East Liberty Garage	9 * 15.597 = 140.3724
East Liberty Garage / Penn Station Stop C	9 * 5.162 = 46.4613
Holiday Park Dr at Route 286 / Layover - Brushton Terminal	4 * 13.943 = 55.7721
Penn Station Stop B / East Liberty Garage	4 * 5.187 = 20.7477
Penn Station Stop B / Layover - Mellon Terrace Terminal	2 * 7.079 = 14.1578
Layover - Penn Park Terminal / Penn Station Stop C	2 * 0.264 = 0.527
Penn Station Stop B / Layover - Harmar Garage Terminal	1 * 13.546 = 13.5458
Penn Station Stop B / Layover - E Busway Swissvale Terminal	1 * 8.994 = 8.9939
Penn Station Stop B / Lincoln Loop	1 * 7.029 = 7.0294
Penn Station Stop B / Layover - Brushton Terminal	1 * 6.173 = 6.1727
Penn Station Stop B / Layover - East Liberty Terminal	1 * 4.904 = 4.9041

In-service trip pattern	- Inbound	Distances		
McKnight Rd past Ross Park Mall Dr	/ 9th St at Penn Ave	7 *	14.269 =	99.886

In-service trip pattern	- Outbound	Distances		
9th St at Penn Ave	/ McKnight Rd opp. Ross Park Mall Dr	7 *	14.350 =	100.449

Off-service trip pattern	Distances
McKnight Rd opp. Ross Park Mall Dr / Ross Garage	4 * 4.146 = 16.582
Ross Garage / McKnight Rd past Ross Park Mall Dr	4 * 4.109 = 16.436
9th St at Penn Ave / Ross Garage	3 * 6.215 = 18.643
Ross Garage / 9th St at Penn Ave	3 * 6.175 = 18.525
9th St at Penn Ave / North Hills Village Terminus	2 * 7.582 = 15.163
North Hills Village Terminus / 9th St at Penn Ave	2 * 7.390 = 14.780
McKnight Rd opp. Ross Park Mall Dr / North Hills Village Terminus	2 * 1.814 = 3.628
North Hills Village Terminus / McKnight Rd past Ross Park Mall Dr	2 * 1.650 = 3.300
McKnight Rd opp. Ross Park Mall Dr / Layover - Penn Park Terminal	1 * 9.000 = 9.000
9th St at Penn Ave / West View Plaza Terminus	1 * 6.555 = 6.555
Ross Garage / McKnight Rd past Ross Park Mall Dr	1 * 4.109 = 4.109
Layover - Penn Park Terminal / 9th St at Penn Ave	1 * 0.956 = 0.956
9th St at Penn Ave / Layover - Penn Park Terminal	1 * 0.643 = 0.643

Route P16 Penn Hills Flyer
ROUTE OVERVIEW

In-service trip pattern	- Inbound	Distances			
Monroeville Trestle Rd at Saltsburg Rd	/ Penn Station Stop B	6 *	18.258	=	109.5478
Alpha Dr E at Freeport Rd	/ Penn Station Stop B	4 *	22.282	=	89.1296
Monroeville Trestle Rd at Saltsburg Rd	/ Penn Station Stop B	3 *	17.238	=	51.7133
Alpha Dr E at Freeport Rd	/ Penn Station Stop B	1 *	25.683	=	25.6834

In-service trip pattern	- Outbound	Distances			
Penn Station Stop C	/ Saltsburg Rd opp. Monroeville Trestle Rd	7 *	18.256 =	127.7887	
Penn Station Stop C	/ Saltsburg Rd at Monroeville-Trestle Rd	3 *	17.388 =	52.1646	
Penn Station Stop C	/ Alpha Dr E past Freeport Rd	2 *	25.901 =	51.8028	
Penn Station Stop C	/ Alpha Dr E past Freeport Rd	2 *	22.355 =	44.7106	

Off-service trip pattern	Distances
East Liberty Garage / Penn Station Stop C	6 * 5.162 = 30.9742
East Liberty Garage / Monroeville Trestle Rd at Saltsburg Rd	5 * 12.687 = 63.4365
East Liberty Garage / Alpha Dr E at Freeport Rd	5 * 9.996 = 49.9822
Penn Station Stop B / East Liberty Garage	5 * 5.187 = 25.9347
Layover - Penn Park Terminal / Penn Station Stop C	5 * 0.264 = 1.3175
Penn Station Stop B / Monroeville Trestle Rd at Saltsburg Rd	4 * 17.537 = 70.1489
Saltsburg Rd opp. Monroeville Trestle Rd / East Liberty Garage	4 * 12.360 = 49.4395
Alpha Dr E past Freeport Rd / East Liberty Garage	4 * 10.971 = 43.8848
Saltsburg Rd opp. Monroeville Trestle Rd / Penn Station Stop C	3 * 16.842 = 50.5265
Saltsburg Rd at Monroeville-Trestle Rd / East Liberty Garage	2 * 12.352 = 24.7042
Penn Station Stop B / Layover - Brushton Terminal	2 * 6.173 = 12.3453
Saltsburg Rd at Monroeville-Trestle Rd / Penn Station Stop C	1 * 16.834 = 16.8344
Penn Station Stop B / Fox Chapel Term(Old Freeport-Freeport)	1 * 10.413 = 10.413
Penn Station Stop B / Layover - East Liberty Terminal	1 * 4.904 = 4.9041
Penn Station Stop B / Layover - Penn Park Terminal	1 * 0.225 = 0.2253

First pull-out	:	14:56
Last pull-in	:	8:58
Number of blocks	:	14
Number at garage	:	56
Pull-out/Pull-in	:	6/ 2 / / / / /
Number of in-service trips	:	14
In-service distance	:	156.520
Off-service duration	:	2h12
In-service duration	:	10h09
Loading duration	:	0h00
Layover duration	:	0h24
Total duration	:	12h45
Total distance	:	229.851
% Off-service/total time	:	17.3 %
% Layover/total time	:	3.1 %
% Off-service/total distance	:	31.9 %
Inbound	:	15.7
Outbound	:	15.0
Average	:	15.4
Total	:	14.8

In-service trip pattern - Inbound	Distances		
Verona Rd at Giant Eagle Driveway / Penn Station Stop B	7 *	13.494 =	94.4553

In-service trip pattern	- Outbound	Distances		
Penn Station Stop C	/ Lincoln Ave at Verona Blvd	7 *	8.867 =	62.0695

Off-service trip pattern	Distances
East Liberty Garage / Penn Station Stop C	6 * 5.162 = 30.9742
Penn Station Stop B / Layover - Brushton Terminal	4 * 6.173 = 24.6906
Penn Station Stop B / East Liberty Garage	2 * 5.187 = 10.3739
Penn Station Stop B / Lincoln Loop	1 * 7.029 = 7.0294
Layover - Penn Park Terminal / Penn Station Stop C	1 * 0.264 = 0.2635

[illegible]

In-service trip pattern	- Inbound	Distances		
Layover - Wallace Terminal	/ Liberty Ave at 10th St NS	23 *	7.143 =	164.288

In-service trip pattern	- Outbound	Distances		
Liberty Ave at 10th St NS	/ Layover - Wallace Terminal	19 *	7.560 =	143.6368

Off-service trip pattern	Distances			
Liberty Ave at 10th St NS / East Liberty Garage	8 *	5.873	=	46.9864
East Liberty Garage / Layover - Wallace Terminal	3 *	2.095	=	6.2835
Liberty Ave at 10th St NS / Layover - Brushton Terminal	1 *	6.855	=	6.8552

First pull-out	:	4:58
Last pull-in	:	22:10
Number of blocks	:	25
Number at garage	:	46
Pull-out/Pull-in	:	19/ 24 / / / /
Number of in-service trips	:	113
In-service distance	:	942.100
Off-service duration	:	19h24
In-service duration	:	52h31
Loading duration	:	0h00
Layover duration	:	12h09
Total duration	:	84h04
Total distance	:	1295.352
% Off-service/total time	:	23.1 %
% Layover/total time	:	14.5 %
% Off-service/total distance	:	27.3 %
In-service speed	:	Outbound 18.3 Inbound 17.6 Average 17.9
Speed	:	Total : 15.4 In-serv. + layover :

In-service trip pattern	- Outbound	Distances		
Fifth Ave at Robinson St	/ Layover - E Busway Swissvale Terminal	45 *	8.329 =	374.806
Fifth Ave at Maurice St	/ Layover - E Busway Swissvale Terminal	13 *	8.324 =	108.215

Off-service trip pattern	Distances
Layover - E Busway Swissvale Terminal / West Mifflin Garage	9 * 8.684 = 78.156
Fifth Ave at Robinson St / West Mifflin Garage	9 * 7.455 = 67.096
West Mifflin Garage / Fifth Ave at Maurice St	9 * 7.388 = 66.494
West Mifflin Garage / Layover - E Busway Swissvale Terminal	8 * 8.579 = 68.632
Layover - E Busway Swissvale Terminal / West Mifflin Garage	5 * 8.764 = 43.818
West Mifflin Garage / Layover - E Busway Swissvale Terminal	2 * 8.499 = 16.998
Fifth Ave at Robinson St / West Mifflin Garage	1 * 7.373 = 7.373
Layover - E Busway Swissvale Terminal / Layover - Waterfront Terminal	1 * 4.522 = 4.522

[illegible]

In-service trip pattern	- Inbound	Distances		
Monroeville Mall Park-and-Ride	/ Penn Station Stop B	7 *	14.375 =	100.6267
Monroeville Mall Park-and-Ride	/ Penn Station Stop C	2 *	12.966 =	25.931

In-service trip pattern	- Outbound	Distances		
Penn Station Stop C	/ Monroeville Mall Park-and-Ride	8 *	14.300 =	114.4009
Penn Station Stop B	/ Monroeville Mall Park-and-Ride	2 *	12.890 =	25.7808

Off-service trip pattern	Distances
East Liberty Garage / Monroeville Mall Park-and-Ride	5 * 8.684 = 43.4201
East Liberty Garage / Penn Station Stop C	5 * 5.162 = 25.8118
Monroeville Mall Park-and-Ride / East Liberty Garage	4 * 8.806 = 35.224
Penn Station Stop B / Layover - Brushton Terminal	2 * 6.173 = 12.3453
Penn Station Stop B / East Liberty Garage	2 * 5.187 = 10.3739
Layover - Penn Park Terminal / Penn Station Stop C	2 * 0.264 = 0.527
Monroeville Mall Park-and-Ride / Layover - Penn Park Terminal	1 * 13.080 = 13.080
Monroeville Mall Park-and-Ride / Layover - Brushton Terminal	1 * 7.152 = 7.1521
Penn Station Stop B / Layover - Mellon Terrace Terminal	1 * 7.079 = 7.0789

First pull-out	:	5:15
Last pull-in	:	24:27
Number of blocks	:	13
Number at garage	:	56
Pull-out/Pull-in	:	11/ 9 / / / / /
Number of in-service trips	:	49
In-service distance	:	761.494
Off-service duration	:	7h06
In-service duration	:	41h31
Loading duration	:	0h00
Layover duration	:	4h48
Total duration	:	53h25
Off-service distance	:	176.955
Total distance	:	938.449
% Off-service/total time	:	13.3 %
% Layover/total time	:	9.0 %
% Off-service/total distance	:	18.9 %
In-service speed	:	
Inbound	:	18.7
Outbound	:	18.0
Average	:	18.3
Speed	:	
Total : 17.6 In-serv. + layover	:	16.4

In-service trip pattern	- Inbound	Distances		
Monroeville Mall (West Court entrance)	/ Liberty Ave at 10th St NS	20 *	18.395 =	367.900
Penn Station Stop C	/ Liberty Ave at 10th St NS	8 *	0.174 =	1.392

In-service trip pattern - Outbound	Distances		
Liberty Ave at 10th St NS / Monroeville Mall (West Court entrance)	21 *	18.943 =	397.8132

Off-service trip pattern	Distances
East Liberty Garage / Penn Station Stop C	6 * 5.162 = 30.974
Monroeville Mall (West Court entrance) / East Liberty Garage	5 * 9.057 = 45.284
East Liberty Garage / Monroeville Mall (West Court entrance)	5 * 8.897 = 44.486
Liberty Ave at 10th St NS / East Liberty Garage	4 * 5.873 = 23.493
Layover - Penn Park Terminal / Penn Station Stop C	2 * 0.264 = 0.527
Monroeville Mall (West Court entrance) / Layover - Penn Park Terminal	1 * 13.331 = 13.330
Liberty Ave at 10th St NS / Fox Chapel Term(Old Freeport-Freeport)	1 * 11.095 = 11.095
Liberty Ave at 10th St NS / Layover - Brushton Terminal	1 * 6.855 = 6.855
Liberty Ave at 10th St NS / Layover - Penn Park Terminal	1 * 0.908 = 0.907

[illegible]

Off-service trip pattern	Distances
Layover - Viaduct Way Terminal / East Liberty Garage	3 * 14.532 = 43.5961
Liberty Ave at Market St / East Liberty Garage	3 * 5.769 = 17.3056
Layover - Penn Park Terminal / Penn Station Stop C	3 * 0.264 = 0.7905
East Liberty Garage / Layover - Viaduct Way Terminal	2 * 14.150 = 28.3005
Layover - Viaduct Way Terminal / Layover - Brushton Terminal	1 * 12.878 = 12.8781
Liberty Ave at Market St / Layover - Brushton Terminal	1 * 6.754 = 6.7543
East Liberty Garage / Penn Station Stop C	1 * 5.162 = 5.1624

[illegible]

In-service trip pattern - Inbound	Distances		
McKeesport Transportation Ctr Bay #2 / Liberty Ave at Market St	15 *	17.508 =	262.624

In-service trip pattern	- Outbound	Distances		
Liberty Ave at Market St	/ McKeesport Transportation Ctr Bay #2	14 *	16.434 =	230.0757

Off-service trip pattern	Distances
McKeesport Transportation Ctr Bay #2 / West Mifflin Garage	9 * 6.896 = 62.060
West Mifflin Garage / McKeesport Transportation Ctr Bay #2	6 * 6.937 = 41.622
West Mifflin Garage / McKeesport Transportation Ctr Bay #2	2 * 6.985 = 13.970
Liberty Ave at Market St / West Mifflin Garage	1 * 8.648 = 8.648

[illegible]

Off-service trip pattern	Distances
Layover - E Busway Swissvale Terminal / East Liberty Garage	4 * 4.378 = 17.5114
East Liberty Garage / Layover - E Busway Swissvale Terminal	4 * 4.211 = 16.8442
East Liberty Garage / Penn Station Stop C	3 * 5.162 = 15.4871
Liberty Ave at 10th St NS / East Liberty Garage	2 * 5.873 = 11.7466
Liberty Ave at 10th St NS / Layover - Penn Park Terminal	2 * 0.908 = 1.8156
Liberty Ave at 10th St NS / Layover - Brushton Terminal	1 * 6.855 = 6.8552
Layover - E Busway Swissvale Terminal / Layover - East Liberty Terminal	1 * 4.095 = 4.0951
Layover - Penn Park Terminal / Penn Station Stop C	1 * 0.264 = 0.2635

[illegible]

In-service trip pattern	- Outbound	Distances		
Liberty Ave at Market St	/ Olympia Park-and-Ride	11 *	21.070 =	231.7688
Liberty Ave at Market St	/ Olympia Park-and-Ride	1 *	21.097 =	21.0975

Off-service trip pattern	Distances
West Mifflin Garage / Fifth Ave at Grant St	9 * 8.152 = 73.3681
West Mifflin Garage / Olympia Park-and-Ride	8 * 9.694 = 77.552
Olympia Park-and-Ride / West Mifflin Garage	5 * 9.490 = 47.4494
Fifth Ave at Market St / Layover - Waterfront Terminal	5 * 7.871 = 39.3543
Olympia Park-and-Ride / West Mifflin Garage	3 * 9.411 = 28.233
Fifth Ave at Market St / West Mifflin Garage	3 * 8.678 = 26.034
West Mifflin Garage / Olympia Park-and-Ride	2 * 9.742 = 19.4844
Fifth Ave at Market St / McKeesport Transportation Ctr Bay #2	1 * 12.480 = 12.4797
Liberty Ave at Market St / West Mifflin Garage	1 * 8.648 = 8.648
Olympia Park-and-Ride / McKeesport Transportation Ctr Bay #2	1 * 3.201 = 3.2012

First pull-out	:	4:25
Last pull-in	:	21:58
Number of blocks	:	11
Number at garage	:	56
Pull-out/Pull-in	:	9/ 11 / / / / /
Number of in-service trips	:	50
In-service distance	:	830.401
Off-service duration	:	6h04
Off-service distance	:	168.797
In-service duration	:	43h13
Loading duration	:	0h00
Layover duration	:	6h05
Total duration	:	55h22
Total distance	:	999.198
% Off-service/total time	:	11.0 %
% Layover/total time	:	11.0 %
% Off-service/total distance	:	16.9 %
In-service speed	:	
Inbound	:	18.1
Outbound	:	20.4
Average	:	19.2
Speed	:	
Total : 18.0 In-serv. + layover	:	16.8

Off-service trip pattern	Distances			
Layover - Harmar Garage Terminal / East Liberty Garage	7 *	10.829 =	75.8039	
East Liberty Garage / Layover - Harmar Garage Terminal	5 *	9.854 =	49.2694	
Liberty Ave at Market St / East Liberty Garage	4 *	5.769 =	23.0742	
East Liberty Garage / Penn Station Stop C	4 *	5.162 =	20.6495	

[illegible]

In-service trip pattern	- Outbound	Distances		
Sixth Ave at Smithfield St	/ Large Park-and-Ride Terminal	10 *	14.019 =	140.1867

Off-service trip pattern	Distances
West Mifflin Garage / Large Park-and-Ride Terminal	6 * 6.964 = 41.785
Large Park-and-Ride Terminal / West Mifflin Garage	6 * 6.932 = 41.5891
West Mifflin Garage / Fort Pitt Blvd past Smithfield St	4 * 8.284 = 33.1361
South Busway at Edgebrook Stop (inbound) / Fort Pitt Blvd past Smithfield St	4 * 3.000 = 12.0008
Large Park-and-Ride Terminal / Fort Pitt Blvd past Smithfield St	3 * 13.190 = 39.5705
Sixth Ave at Smithfield St / West Mifflin Garage	2 * 8.425 = 16.850
Sixth Ave at Smithfield St / Layover - Waterfront Terminal	2 * 8.138 = 16.2769
Sixth Ave at Smithfield St / South Busway at Edgebrook Stop (outbound)	2 * 3.097 = 6.1944
Sixth Ave at Smithfield St / Large Park-and-Ride Terminal	1 * 13.345 = 13.3455
Sixth Ave at Smithfield St / Layover - West Mifflin Garage	1 * 8.437 = 8.437
Large Park-and-Ride Terminal / Layover - West Mifflin Garage	1 * 6.938 = 6.938
Sixth Ave at Smithfield St / Brentwood Loop	1 * 6.034 = 6.034

[illegible]

In-service trip pattern	- Inbound	Distances		
Cochrans Mill Rd past Brownsville Rd	/ Sixth Ave at Smithfield St	6 *	12.491 =	74.948
Fort Pitt Blvd past Smithfield St	/ Sixth Ave at Smithfield St	6 *	0.509 =	3.051

In-service trip pattern	- Outbound	Distances		
Sixth Ave at Smithfield St	/ Brownsville Rd opp. Wilhelm Ave	6 *	11.993 =	71.9553

Off-service trip pattern	Distances
West Mifflin Garage / Fort Pitt Blvd past Smithfield St	3 * 8.284 = 24.852
Brownsville Rd opp. Wilhelm Ave / South Busway at Edgebrook Stop (inbound)	3 * 5.818 = 17.455
Brownsville Rd opp. Wilhelm Ave / West Mifflin Garage	3 * 4.742 = 14.226
West Mifflin Garage / Cochrans Mill Rd past Brownsville Rd	3 * 4.620 = 13.860
South Busway at Edgebrook Stop (inbound) / Fort Pitt Blvd past Smithfield St	3 * 3.000 = 9.000
Sixth Ave at Smithfield St / Layover - E Busway Swissvale Terminal	2 * 9.477 = 18.954
Sixth Ave at Smithfield St / Brentwood Loop	2 * 6.034 = 12.068
West Mifflin Garage / Cochrans Mill Rd past Brownsville Rd	2 * 4.669 = 9.337
Sixth Ave at Smithfield St / West Mifflin Garage	1 * 8.425 = 8.425
South Busway at Edgebrook Stop (outbound) / Cochrans Mill Rd past Brownsville Rd	1 * 5.728 = 5.728
Sixth Ave at Smithfield St / South Busway at Edgebrook Stop (outbound)	1 * 3.097 = 3.097

First pull-out	:	4:00
Last pull-in	:	24:47
Number of blocks	:	25
Number at garage	:	46
Pull-out/Pull-in	:	23/ 21 / / / / /
Number of in-service trips	:	66
In-service distance	:	1248.416
Off-service duration	:	18h20
In-service duration	:	68h44
Loading duration	:	0h00
Layover duration	:	4h11
Total duration	:	91h15
Total distance	:	1701.073
% Off-service/total time	:	20.1 %
% Layover/total time	:	4.6 %
% Off-service/total distance	:	26.6 %
In-service speed		
Inbound	:	17.2
Outbound	:	19.2
Average	:	18.2
Speed		
Total	:	18.6 In-serv. + layover : 17.1

In-service trip pattern	- Inbound	Distances			
Third Ave at Hwy 51 overpass(shelter)	/ Sixth Ave at Smithfield St	21 *	19.550	=	410.5492
Third Ave at Hwy 51 overpass(shelter)	/ Sixth Ave at Smithfield St	11 *	19.291	=	212.2038
Fort Pitt Blvd past Smithfield St	/ Sixth Ave at Smithfield St	2 *	0.509	=	1.017

In-service trip pattern	- Outbound	Distances		
Sixth Ave at Smithfield St	/ Third Ave at Hwy 51 overpass(shelter)	24 *	19.584 =	470.0145
Sixth Ave at Smithfield St	/ Third Ave at Hwy 51 overpass(shelter)	8 *	19.325 =	154.6018

Off-service trip pattern	Distances
Third Ave at Hwy 51 overpass(shelter) / West Mifflin Garage	21 * 9.329 = 195.9177
West Mifflin Garage / Third Ave at Hwy 51 overpass(shelter)	21 * 9.297 = 195.2356
Third Ave at Hwy 51 overpass(shelter) / CCAC - South Campus	3 * 6.919 = 20.7557
West Mifflin Garage / Fort Pitt Blvd past Smithfield St	2 * 8.284 = 16.568
Sixth Ave at Smithfield St / Third Ave at Hwy 51 overpass(shelter)	1 * 15.678 = 15.6782
Sixth Ave at Smithfield St / Layover - West Mifflin Garage	1 * 8.437 = 8.437

[illegible]

Off-service trip pattern	Distances			
CCAC - South Campus / West Mifflin Garage	14 *	3.845 =	53.8289	
West Mifflin Garage / CCAC - South Campus	11 *	3.705 =	40.7546	
CCAC - South Campus / Third Ave at Hwy 51 overpass(shelter)	2 *	7.026 =	14.0521	

[illegible]

Off-service trip pattern	Distances
West Mifflin Garage / CCAC - South Campus	14 * 3.705 = 51.869
CCAC - South Campus / West Mifflin Garage	10 * 3.845 = 38.449
CCAC - South Campus / Century III Parking Lot at Shelter	2 * 2.839 = 5.678