

# APPENDIX A: SERVICE STATISTICS

## GHMPO TRANSIT DEVELOPMENT PLAN

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### Year 1 Operating Statistics and Ridership Estimates

#### Blue Route

	30 Minute Frequency <sup>4</sup>
<b>Annual Service Statistics <sup>1</sup></b>	
Peak Vehicles	1.5
Fleet Vehicles	2
Vehicle Revenue Hours	4,400
Vehicle Revenue Miles	14,100
<b>Estimated Low Ridership <sup>1</sup></b>	<b>13,200</b>
<b>Estimated Moderate Ridership</b>	<b>22,000</b>
<b>Estimated High Ridership</b>	<b>35,200</b>
<b>O&amp;M Cost <sup>2</sup></b>	<b>\$208,076</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

Notes:

1. Low ridership assumes approximately 3 passengers per revenue hour; Moderate ridership assumes 5 passengers per hour (the current average); and High ridership assumes 8 passengers per revenue hour
2. O&M costs based on FY 2007 actual operating cost per revenue hour

#### Orange Route

	30 Minute Frequency <sup>4</sup>
<b>Service Statistics</b>	
Peak Vehicles	1.5
Fleet Vehicles	2
Annual Vehicle Revenue Hours	4,400
Annual Vehicle Revenue Miles	13,100
<b>Estimated Low Ridership <sup>1</sup></b>	<b>13,200</b>
<b>Estimated Moderate Ridership</b>	<b>22,000</b>
<b>Estimated High Ridership</b>	<b>35,200</b>
<b>O&amp;M Cost <sup>2</sup></b>	<b>\$208,076</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

#### Gold Route

	60 Minute Frequency <sup>4</sup>
<b>Service Statistics</b>	
Peak Vehicles	1
Fleet Vehicles	1
Annual Vehicle Revenue Hours	2,930
Annual Vehicle Revenue Miles	4,500
<b>Estimated Low Ridership <sup>1</sup></b>	<b>8,790</b>
<b>Estimated Moderate Ridership</b>	<b>14,650</b>
<b>Estimated High Ridership</b>	<b>23,440</b>
<b>O&amp;M Cost <sup>2</sup></b>	<b>\$138,560</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

**Pink Route**

	<b>60 Minute Frequency <sup>2</sup></b>
<b><u>Service Statistics</u></b>	
Peak Vehicles	1
Fleet Vehicles	1
Annual Vehicle Revenue Hours	2,930
Annual Vehicle Revenue Miles	4,500
<b>Estimated Low Ridership <sup>1</sup></b>	<b>8,790</b>
<b>Estimated Moderate Ridership</b>	<b>14,650</b>
<b>Estimated High Ridership</b>	<b>23,440</b>
<b>O&amp;M Cost <sup>2</sup></b>	<b>\$138,560</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

**Red Route**

	<b>60 Minute Frequency</b>
<b><u>Service Statistics</u></b>	
Peak Vehicles	0.5
Fleet Vehicles	1
Annual Vehicle Revenue Hours	1,470
Annual Vehicle Revenue Miles	6,800
<b>Estimated Low Ridership <sup>1</sup></b>	<b>4,410</b>
<b>Estimated Moderate Ridership</b>	<b>7,350</b>
<b>Estimated High Ridership</b>	<b>11,760</b>
<b>O&amp;M Cost <sup>2</sup></b>	<b>\$69,516</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

**Green Route**

	<b>60 Minute Frequency <sup>2</sup></b>
<b><u>Service Statistics</u></b>	
Peak Vehicles	0.5
Fleet Vehicles	1
Annual Vehicle Revenue Hours	1,470
Annual Vehicle Revenue Miles	17,600
<b>Estimated Low Ridership <sup>1</sup></b>	<b>4,410</b>
<b>Estimated Moderate Ridership</b>	<b>7,350</b>
<b>Estimated High Ridership</b>	<b>11,760</b>
<b>O&amp;M Cost <sup>2</sup></b>	<b>\$69,516</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

**Purple Route**

	<b>30 Minute Frequency</b>
<b><u>Service Statistics</u></b>	
Peak Vehicles	2
Fleet Vehicles	3
Annual Vehicle Revenue Hours	5,870
Annual Vehicle Revenue Miles	38,100
<b>Estimated Low Ridership <sup>1</sup></b>	<b>17,610</b>
<b>Estimated Moderate Ridership</b>	<b>29,350</b>
<b>Estimated High Ridership</b>	<b>46,960</b>
<b>O&amp;M Cost <sup>2</sup></b>	<b>\$277,592</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

**Year 2 Operating Statistics and Ridership Estimates**

**Flex Route**

	<b>60 Minute Frequency</b>
<b><u>Annual Service Statistics</u></b>	
Peak Vehicles	1
Fleet Vehicles	1
Vehicle Revenue Hours	2,930
Vehicle Revenue Miles	36,900
<b>Estimated Low Ridership <sup>1</sup></b>	<b>8,790</b>
<b>Estimated Moderate Ridership</b>	<b>14,650</b>
<b>Estimated High Ridership</b>	<b>20,510</b>
<b>Annual O&amp;M Cost <sup>2</sup></b>	<b>\$138,560</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

Notes:

1. Low ridership assumes approximately 3 passengers per revenue hour; Moderate ridership assumes 5 passengers per hour (the current average); and High ridership assumes 8 passengers per revenue hour
2. O&M costs based on FY 2007 actual operating cost per revenue hour

## Year 3 Operating Statistics and Ridership Estimates

### Purple Route

	30 Minute Frequency
<b><u>Service Statistics</u></b>	
Peak Vehicles	1
Fleet Vehicles	1
Annual Vehicle Revenue Hours	2,930
Annual Vehicle Revenue Miles	35,200
<b>Estimated Low Ridership 1</b>	<b>8,790</b>
<b>Estimated Moderate Ridership</b>	<b>14,650</b>
<b>Estimated High Ridership</b>	<b>20,510</b>
<b>O&amp;M Cost 2</b>	<b>\$138,560</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

Notes:

1. Low ridership assumes approximately 3 passengers per revenue hour; Moderate ridership assumes 5 passengers per hour (the current average); and High ridership assumes 8 passengers per revenue hour
2. O&M costs based on FY 2007 actual operating cost per revenue hour

## Year 4 Operating Statistics and Ridership Estimates

### Purple Route

	30 Minute Frequency
<b><u>Service Statistics</u></b>	
Peak Vehicles	2
Fleet Vehicles	3
Annual Vehicle Revenue Hours	5,870
Annual Vehicle Revenue Miles	61,600
<b>Estimated Low Ridership 1</b>	<b>17,610</b>
<b>Estimated Moderate Ridership</b>	<b>29,350</b>
<b>Estimated High Ridership</b>	<b>41,090</b>
<b>O&amp;M Cost 2</b>	<b>\$277,592</b>
<i>Estimated Cost per Revenue Hour</i>	<i>\$47.29</i>

Notes:

1. Low ridership assumes approximately 3 passengers per revenue hour; Moderate ridership assumes 5 passengers per hour (the current average); and High ridership assumes 8 passengers per revenue hour
2. O&M costs based on FY 2007 actual operating cost per revenue hour

## Commuter Service

Daily Bus Trips	Peak Buses	Daily Revenue Hours	Pass Capacity	Daily Riders
4	2	5.7	114.0	57

Annual Hours	Annual Riders	Total Oper	Revenue	Net Cost
1,482	14,820	\$ 166,417	\$ 30,085	\$ 136,333