

Table 4-21, Vehicle Trip Distribution by Travel Corridor

Travel Corridor	Patron Percent	Employee Percent	Composite Percent
I-93 North	15%	12%	15%
Route 16 West	5%	3%	5%
Route 38 West	1%	1%	1%
Broadway West	1%	1%	1%
Washington Street West	4%	3%	4%
I-93 South	38%	29%	37%
Rutherford Avenue	15%	9%	14%
Beacham Street East	2%	4%	2%
Route 16 East	3%	6%	3%
Route 1 North	9%	7%	9%
Route 99 North	2%	5%	2%
Main St (Everett Malden)	2%	3%	2%
Route 28 North	1%	1%	1%
Other Local	2%	16%	4%
Total	100%	100%	100%

The patron and employee trip distribution patterns were used to assign new Project vehicle trips to the area roadway network. Figure 4-51A and Figure 4-51B depict the Friday p.m. peak hour Project trip assignments at intersections 1-26, located in Everett. Figure 4-52 shows Friday p.m. peak hour Project trip assignments at intersections 27-32, located in Chelsea and Revere. Figure 4-53 shows the Friday p.m. peak hour Project trip assignments at intersections 33-44, located in Medford. Figure 4-54 shows the Friday p.m. peak hour Project trip assignments at intersections 45-57, located in Somerville, Boston, and Cambridge. Figure 4-55A and Figure 4-55B depict the Saturday afternoon peak hour Project trip assignments at intersections 1-26, located in Everett. Figure 4-56 shows the Saturday afternoon peak hour Project trip assignments at intersections 27-32, located in Chelsea and Revere. Figure 4-57 shows the Saturday afternoon peak hour Project trip assignments at intersections 33-44, located in Medford. Figure 4-58 shows the Saturday afternoon peak hour Project trip assignments at intersections 45-57, located in Somerville, Boston, and Cambridge.