

Morrisania, Bronx Neighborhood (Cost of Commute) Analysis
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Rentals in Morrisania, Bronx:

The first rental is 794 Freeman Street (#3) Bronx, NY 10459, which is being rented for \$2050. The second rental is 796 Freeman Street (#2) Bronx, NY 10459-1570, which is being rented for \$2350. The third rental is 820 East 169th Street (#F8) Bronx, NY 10459, which is being rented for \$2050. (The rentals listed are all 3 bedroom residences so that differences in cost due to additional bedrooms are minimized.)

Location in Manhattan:

The chosen location/ destination is the Empire State Building at 350 Fifth Avenue, New York City, NY 10118.

The shortest commute driving to the Empire State Building from 794 Freeman Street (#3) Bronx, NY 10459, would be 9.5 miles in length. The duration of the commute would be 51 minutes, meaning that you would have to leave at approximately 7:39am to arrive at 8:30am. Since there is a toll along the route, the cost would be \$6.12 (for E-ZPass holders) or \$9.50 (not including gas prices).

The shortest commute driving to the Empire State Building from 796 Freeman Street (#2) Bronx, NY 10459-1570, would be 9.4 miles. The duration of the commute is approximately 45 minutes meaning that you would have to leave at 7:45am to arrive at 8:30am. Since there is a toll along the route, the cost would be \$6.12 (for E-ZPass holders) or \$9.50 (not including gas prices).

The shortest commute driving to the Empire State Building from 820 East 169th Street (#F8) Bronx, NY 10459, would be 9.3 miles. The commute would be approximately 44 minutes in duration meaning that you would have to leave at 7:46 to arrive at 8:30am. Since there is a toll along the route, the cost would be \$6.12 (for E-ZPass holders) or \$9.50 (not including gas prices).

The shortest commute by public transit (assuming that you walk to the nearest station) to the Empire State Building from 794 Freeman Street (#3) Bronx, NY 10459, would be about 0.7 miles of walking (0.4 miles to the train and 0.3 afterward) and 14 stops on the 2 train. The commute would be approximately 50 minutes in duration meaning that you would have to leave at 7:40am to arrive at 8:30am. The cost of this commute would be \$2.75 (the cost of an MTA single ride fare for a non-Unlimited Metrocard holder)

The shortest commute by public transit (assuming that you walk to the nearest station) to the Empire State Building from 796 Freeman Street (#2) Bronx, NY 10459-1570, would be about 0.7 miles of walking (0.4 miles to the train and 0.3 afterward) and 14 stops on the 2 train. The commute would be approximately 47 minutes in duration meaning that you would have to leave at 7:43am to arrive at 8:30am. The cost of this

commute would be \$2.75 (the cost of an MTA single ride fare for a non-Unlimited Metrocard holder).

The shortest commute by public transit (assuming that you walk to the nearest station) to the Empire State Building from 820 East 169th Street (#F8) Bronx, NY 10459, would be about 0.7 miles of walking (0.4 miles to the train and 0.3 afterward) and 14 stops on the 2 train. The commute is 49 minutes in duration meaning that you would have to leave at 7:41am to arrive at 8:30am. The cost of this commute would be \$2.75 (the cost of an MTA single ride fare for a non-Unlimited Metrocard holder).

The shortest commute by public transit, assuming you bike between the apartment and station, to the Empire State Building from 794 Freeman Street (#3) Bronx, NY 10459, would be 0.4 miles of biking, 14 stops on the 2 train and 0.3 miles of walking (after the train). The duration of the commute would be 44 minutes, meaning that you would have to leave around 7:46am to arrive at 8:30am. The cost of the commute would be \$5.75 (assuming that the rider is a non-Unlimited Metrocard holder and does not have a Citi-bike plan).

The shortest commute by public transit, assuming you bike between the apartment and station, to the Empire State Building from 796 Freeman Street (#2) Bronx, NY 10459-1570, would be 0.4 miles of biking, 14 stops on the 2 train and 0.3 miles of walking (after the train). The duration of the commute would be 44 minutes, meaning that you would have to leave around 7:46am to arrive at 8:30am. The cost of the commute would be \$5.75 (assuming that the rider is a non-Unlimited Metrocard holder and does not have a Citi-bike plan).

The shortest commute by public transit, assuming you bike between the apartment and station, to the Empire State Building from 820 East 169th Street (#F8) Bronx, NY 10459, would be about 0.4 miles of biking, 14 stops on the 2 train and 0.3 miles of walking (after the train). The duration of the commute would be 45 minutes, meaning that you would have to leave at 7:45am to arrive at 8:30am. The cost of the commute would be \$5.75 (assuming that the rider is a non-Unlimited Metrocard holder and does not have a Citi-bike plan).

Analysis:

Generally, unless a commuter has a Citi-bike plan, the most cost-effective route would be walking to the nearest train station and taking the subway. The reduction in the duration of a commute is not significant enough to warrant paying an additional \$3 for each trip. Driving is the least cost effective, as it is the most expensive option, yet, it doesn't compensate in regards to trip duration.