Project 4 Report

StreetMap::load() - If there are N lines in the text file being loaded, the function is O(N)

StreetMap::getSegmentsThatStartWith() - If there are S segments that start with the passed-in GeoCoord, the function is O(S)

PointToPointRouter::generatePointToPointRoute() - If each GeoCoord has an average of S segments that start with it and there are P segments in the final route, the function is O(S^2 + P).

However, if I used a better sorting algorithm than bubble sort, it would be O(SlogS + P).

DeliveryOptimizer::optimizeDelivery() - If there are D deliveries in the list, the function is O(D^2).