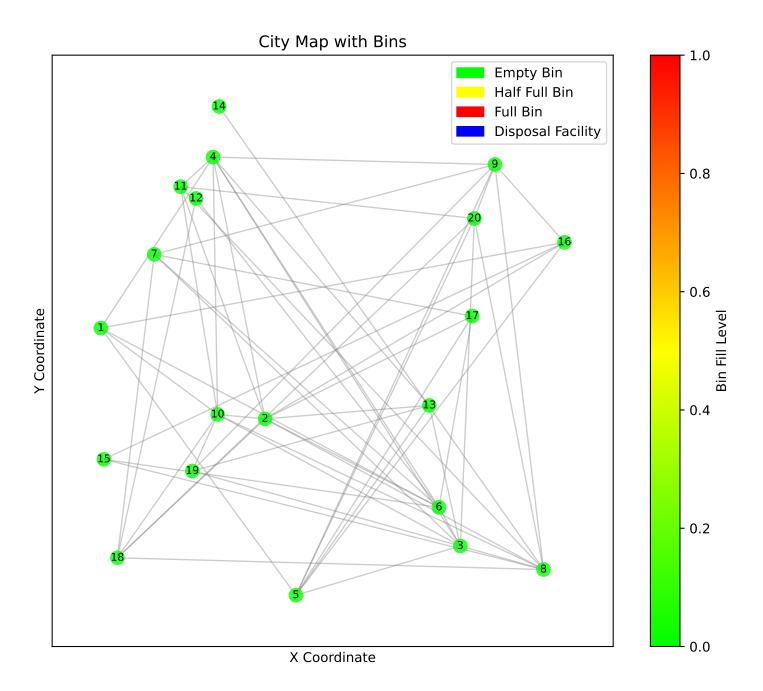
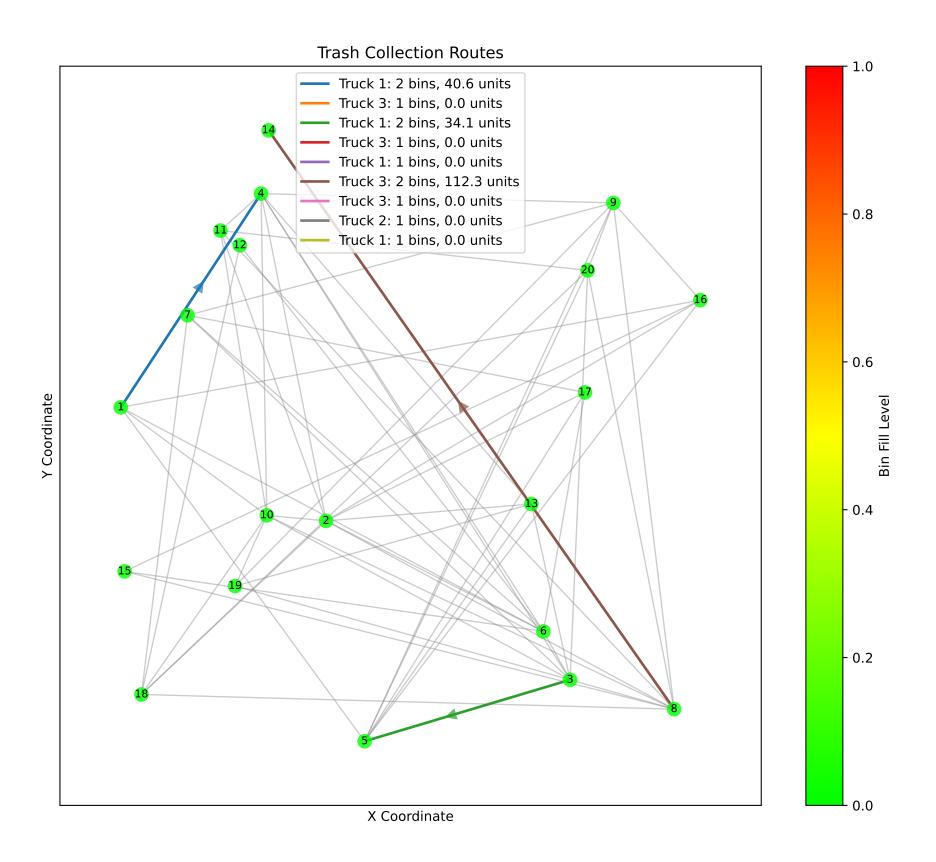
## Smart Trash Truck Routing Python Implementation Test Report

Generated on: 2025-05-05 03:58:23

City Map

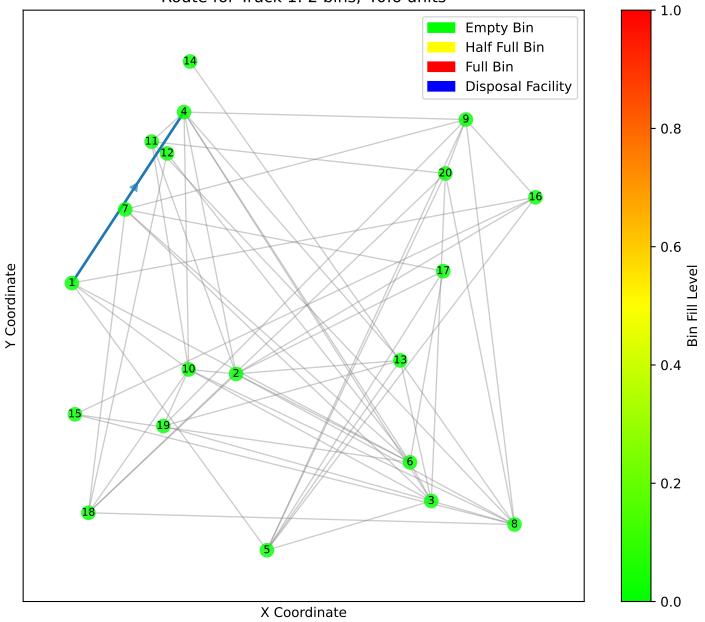


## **Optimized Routes**



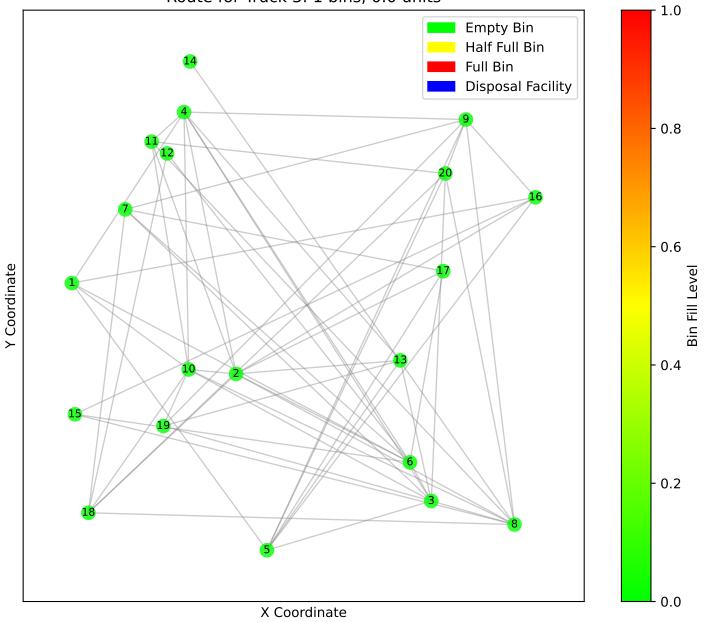
Route 1

Route for Truck 1: 2 bins, 40.6 units



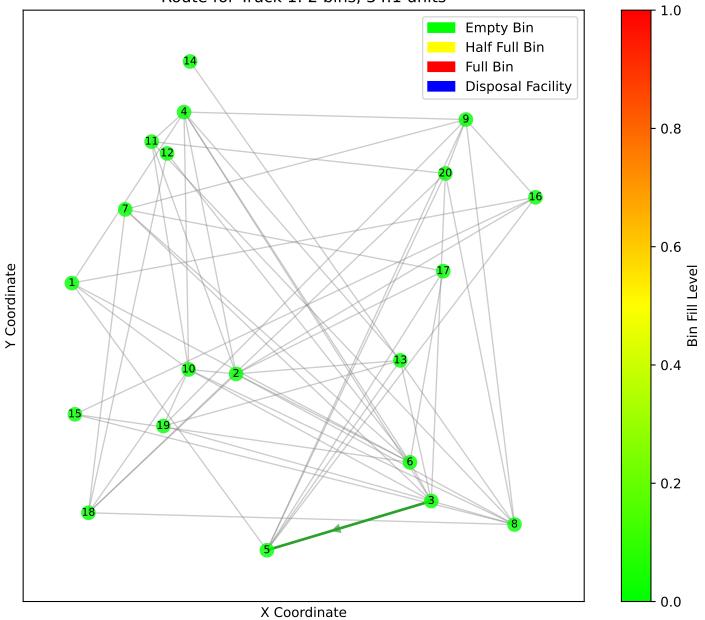
Route 2

Route for Truck 3: 1 bins, 0.0 units



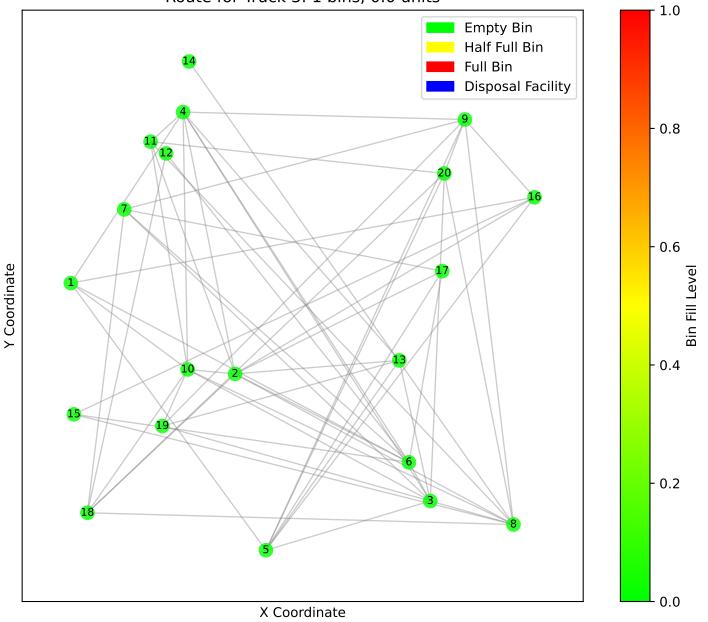
Route 3

Route for Truck 1: 2 bins, 34.1 units



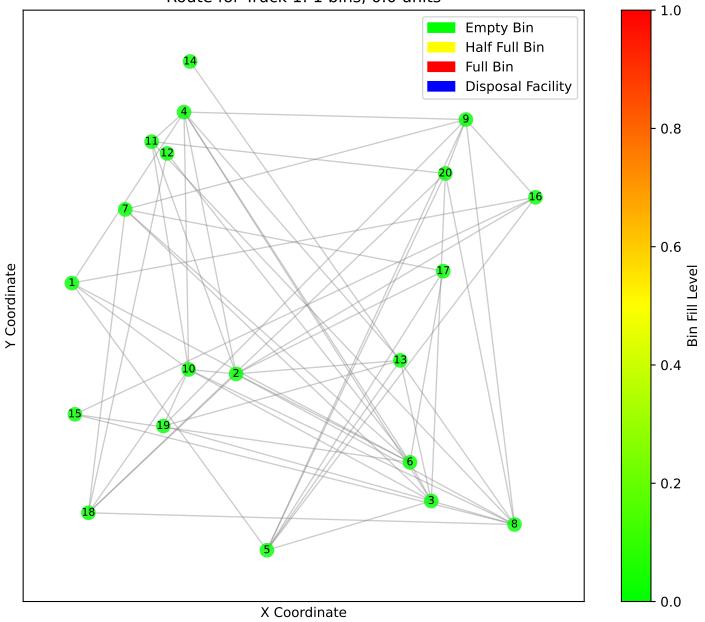
Route 4

Route for Truck 3: 1 bins, 0.0 units



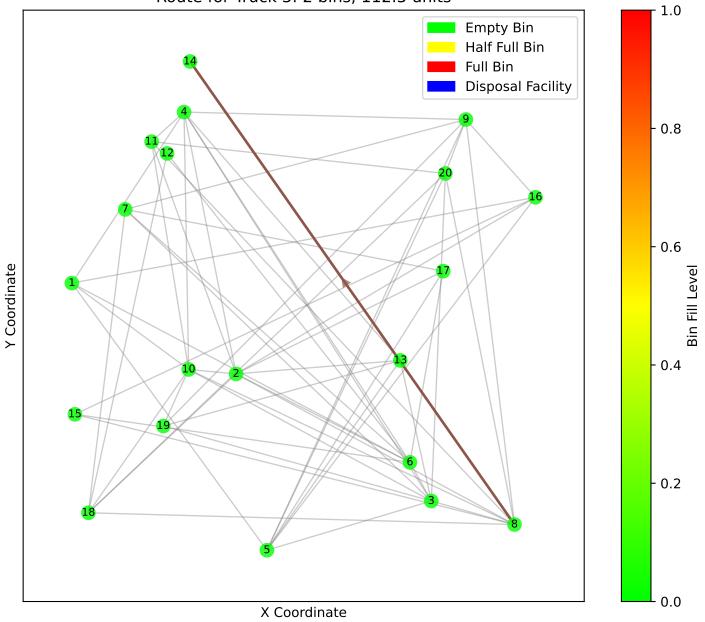
Route 5

Route for Truck 1: 1 bins, 0.0 units



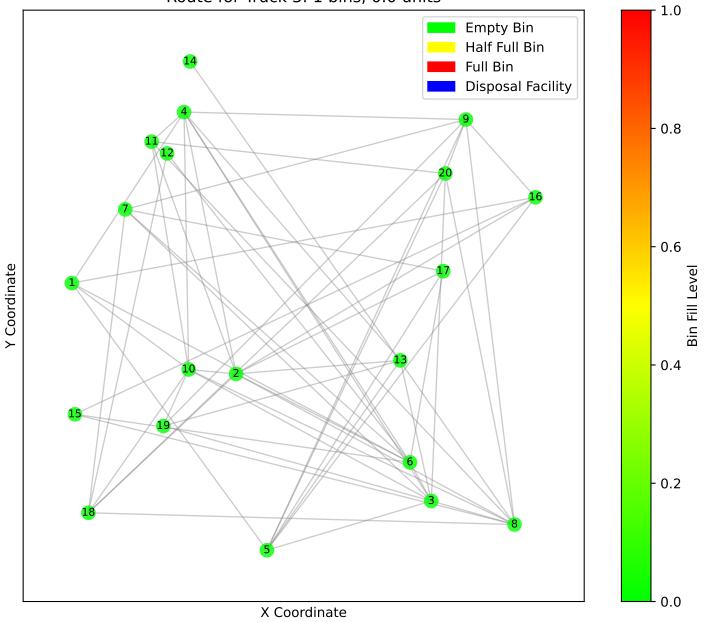
Route 6

Route for Truck 3: 2 bins, 112.3 units



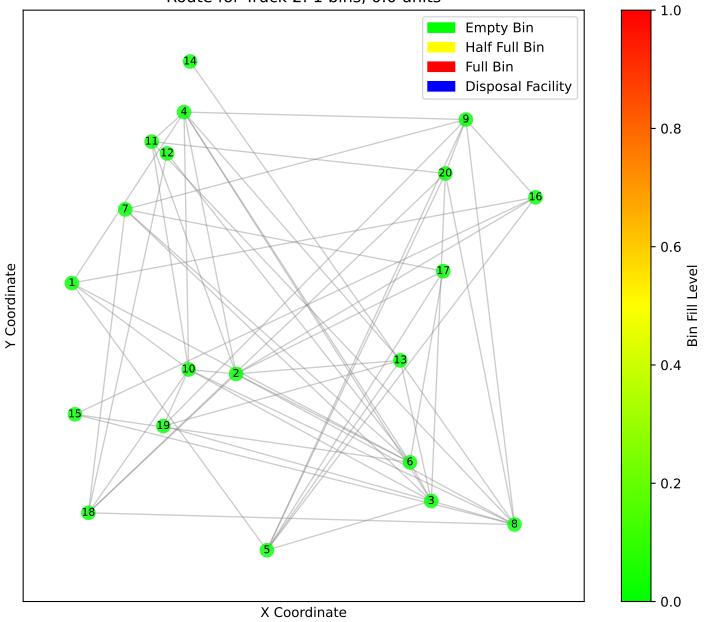
Route 7

Route for Truck 3: 1 bins, 0.0 units



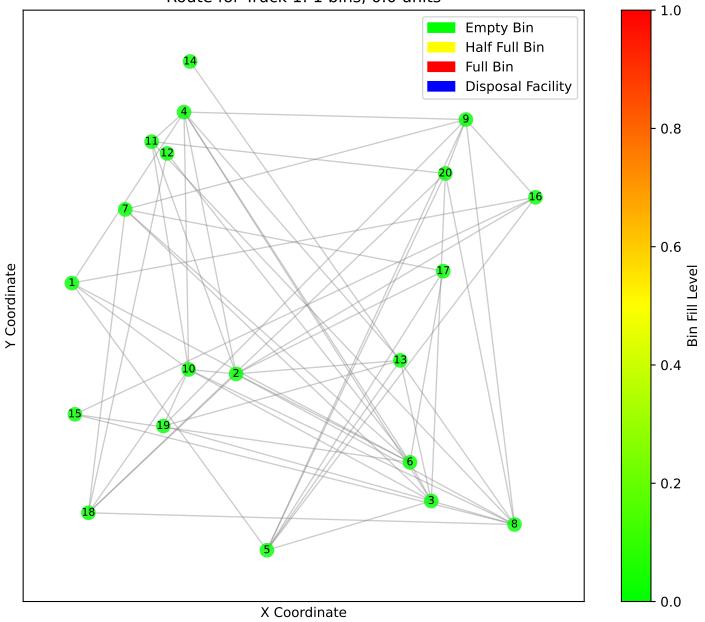
Route 8

Route for Truck 2: 1 bins, 0.0 units



Route 9

Route for Truck 1: 1 bins, 0.0 units



Route Menticies 186.9 175 · 150 125 · Value Value 75 50 25 20.8 12.0 9.0 5.0 1.3 0

## **Metrics Report**

Route Optimization Metrics Report \_\_\_\_\_

**Route Statistics:** Total Routes: 9

Total Distance: 186.94 units Estimated Fuel Consumption: 18.69 liters