Project Title: C-02-15: Economic Analysis of Off-Peak Deliveries
PIN: R020-51-881,
Responsible Unit: Region 11
Project Manager: Basu, Nayun

Project Goal:
The purpose of this project is to perform an economic analysis of the expansion of hours during which pick-ups and deliveries are made at commercial office buildings and retail locations. The analysis will consider not only the costs and benefits of expanded delivery hours but will also assess the economics of the incentives that may be needed to maximize the shift to off-peak deliveries. The net benefits that will accrue to the public as well as to industry will be quantified. The study will also identify and cost-out the incentives and other factors that have motivated shippers and carriers to expand the delivery day on their

Actions Proposed:
Off-peak/late night deliveries of freight have been proposed as a solution to on-street congestion in urban/suburban Central Business Districts. The primary goal is to identify incentives to motivate carriers/shippers to change and expand their delivery schedules. To facilitate incentive based policy formulation the costs, benefits and trade-offs involved in the extension of the delivery day will be evaluated. Data to be gathered will include current delivery windows, staffing at docks, cost of expanding hours, utilization of docks during peak and off-peak hours, and comparison of costs for firms making off-peak and standard deliveries.

The research protocol will include the following activities:
- Industry focus group to define parameters for survey
- Telephone survey/interviews of shippers and carriers
- Telephone survey/interviews of property managers of commercial buildings
- Carrier/shipper committee to develop, review and rate factors and make recommendations for implementing off-peak deliveries

Anticipated Work Products and Accomplishments:
This study will identify, classify and quantify the costs, benefits and incentives of off-peak deliveries, and provide recommendations leading to an implementation plan.

Proposed Budget: $295,018