Project Title: C-02-10: Hunts Point Market
PIN: R020-57-881
Responsible Unit: Freight & Economic Development Division
Project Manager: Mohr, Andy

Project Goal:
This research will investigate best practices among similar markets with regard to enhancing traffic flow and thereby reducing diesel emissions. This information is needed as a precursor to a master plan for rebuilding the market. It will help determine how to allocate space to efficiently move and handle produce internally, store the product and set up office and parking space. Energy issues will also be examined. In addition, the research will explore alternative methods to reduce particulate matter emissions from diesel trucks with a destination in the Hunts Point Market area, thereby improving the quality of air for both the market’s employees and surrounding neighborhoods.

Actions Proposed:
Work with the Cooperative to understand current issues, evaluate current operational conditions and investigate similar markers (e.g. Chicago) to learn of best practices. Work with fleet operators who serve the market to inventory of heavy duty diesel powered trucks which serve the market and which are part of a fleet of five or more vehicles. Develop a file of owner, telephone # and fleet name.

Prepare a benefit/cost analysis of alternative fuel engines, which can power a heavy duty truck, and propose methods for increasing the availability of low-sulfur diesel fuel. Prepare a list of low capital and operational improvements which can increase the efficiency of truck movements to and within the market.

Prepare a list of recommendations for the improvement of existing projects intended to decrease diesel emissions.

Interview owners/managers of fleets which operate at the Market. Provide them with the studies and findings on alternative fuel conversion and note their reaction to it and general willingness to participate in a fuel conversion demo program. Ask them for ideas on capital or operational improvements that could result in a reduction in truck emissions which benefit their operations at the market.

Anticipated Work Products and Accomplishments:
Report presenting options for subsequent master plan; Report documenting a benefit/cost analysis for Alternative Fuel Engines for diesel trucks; An inventory of existing capital and operational improvements in place in and around the market with an assessment of their contribution to PM reduction and an assessment of the benefit/cost of proposed improvements; and, a Summary of interviews with fleet owners focused on the problems and opportunities with regard to alternative fuel conversion.

Proposed Budget: $320,100