

Heavy Trash Efficiency Routing

September 6, 2012

Department of Solid Waste Management



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Outline

- ▶ The need
- ▶ The issues
- ▶ The solutions



The need for HT re-routing

- ▶ The need to re-route the city's Heavy Trash collection aligns with the Mayor's Five Priorities:
 - Fiscal Responsibility: efficient routes save money by less fuel consumption and maximizes equipment use.
 - Infrastructure: efficient routes improve service delivery and strengthens the mobile collections infrastructure by placing more resources in a concentrated area for improved service.
 - Quality of Life: efficient routes help to strengthen neighborhoods by eliminating multiple service days which led to improper placement for collection by confused customers.



The Issues



- ▶ Confused customers.
 - Difficult to interpret information.
 - Split neighborhoods.
 - DON citations for early placements.
 - Calls to Council Offices.
 - Increased calls to 311.

The Issues

- ▶ Difficult to interpret information for 311 operators.
 - Split neighborhoods with multiple days of service.
 - Multiple service days for common geographic areas.
 - Split days across major thoroughfares or other major boundaries.



The Issues



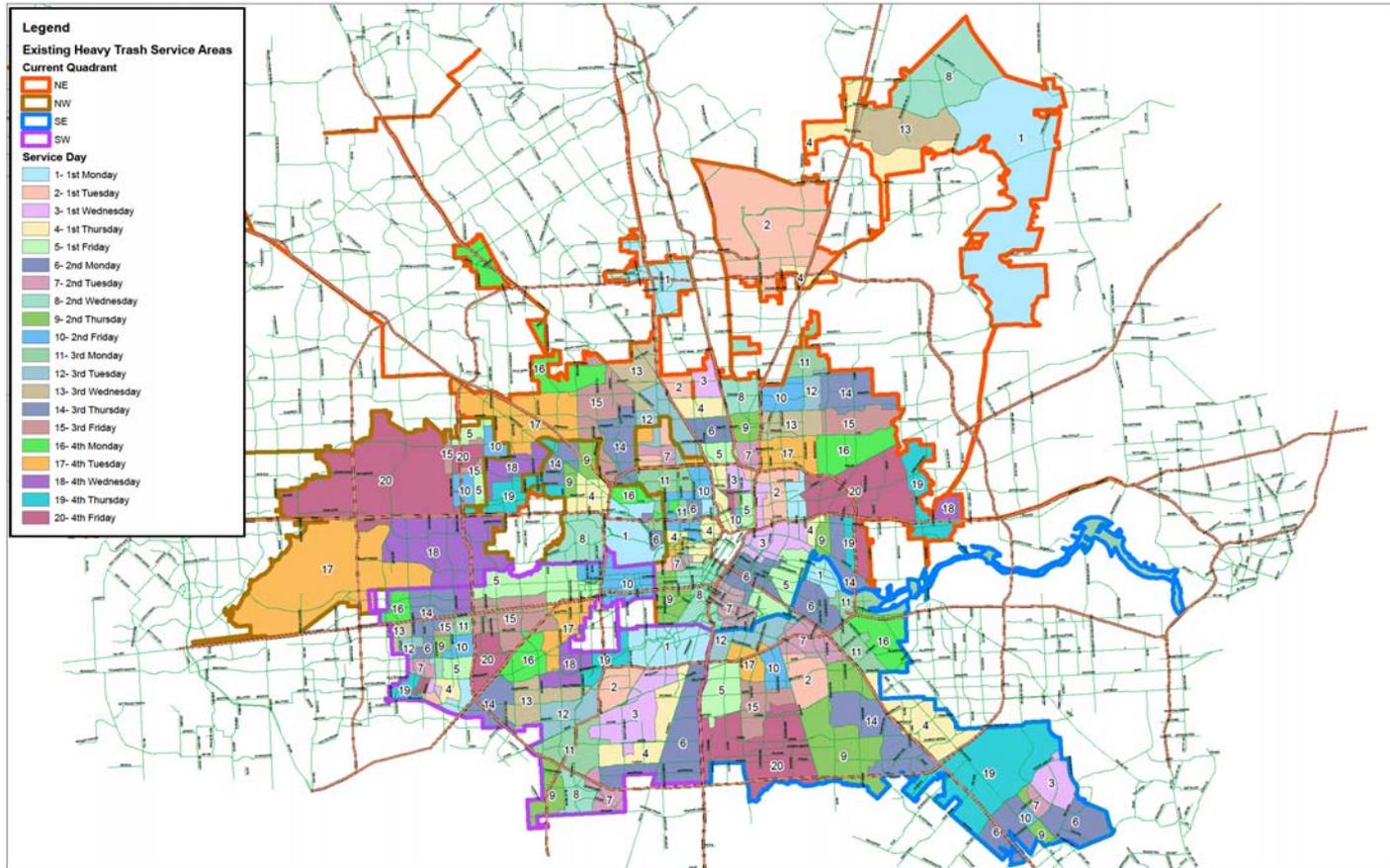
- ▶ Thin concentration of supervision due to spread out collection.
 - Crews too widely spread.
 - Hoop jumping for supervisors to get to hot areas.
 - Strained customer relations and ability to respond rapidly to councilmember requests.

The Solutions

- ▶ More well-defined geographic boundaries means reduction in overall miles traveled between routes
- ▶ Anticipated savings of \$250,000 – \$500,000 due to reduced fuel costs and vehicle O&M
- ▶ Consolidate neighborhood areas on the same collection day(s).
- ▶ Availability of more cleanups and coordination with DON, CAO and Council Offices.



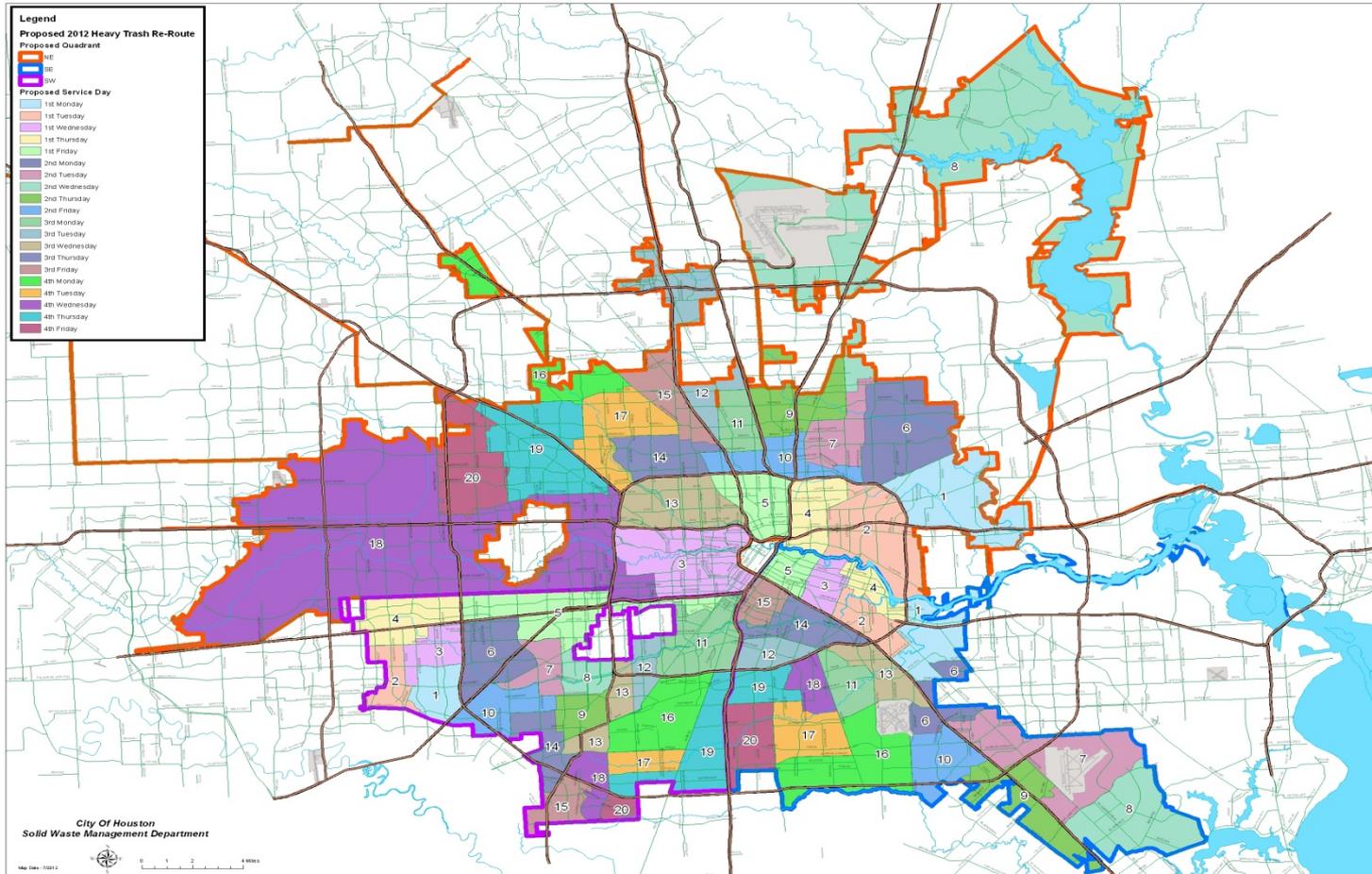
Current Collection Map



Proposed Collection Map



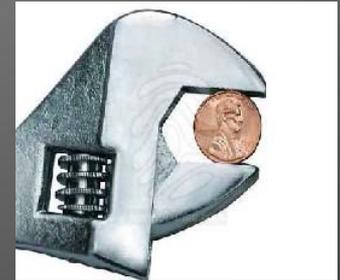
Proposed Heavy Trash Service Areas



Summary

▶ Why are we doing this?

- Business Case
 - Fuel Savings
 - Increased Maintenance Availability
 - Customer & Councilmember Requests



▶ What are other benefits?

- Easier to interpret maps for 311, DON and customers.
- Lower call volume with concentrated collections.
- Decreased risks of early placement citations by Neighborhood Protection.



Questions

