



Solid Waste Management Collection Evaluation

Public Input Meetings
February 16 + 21, 2017



The background of the slide is a close-up photograph of a roll of white paper, possibly a roll of paper towels or a roll of paper for a printer. The paper is unrolled and shows some texture and slight discoloration. A red rectangular overlay box is positioned on the left side of the image, containing the text for the project purpose.

Project Purpose

- Identify and analyze options available to the City to:
 - Maximize efficiency
 - Make recommendations for changes to the current residential garbage collection system
- Provide the City with the tools, feasibility costs, and implementation recommendations to successfully meet the needs of the citizens

Project Approach



Baseline of the current residential garbage collection system

- Review of City-provided data (billing, routes)
- Route observations
- Operational and financial model development



Benchmark current policy and practices of similar communities (8)



Identify potential modifications to the system to be considered

- Route rebalancing and optimization of existing system
- Modifications to current collection practices
 - Change to a 4-day Collection Cycle
 - Volumetric Rate Cart and Bag structure for both curbside and alley customers
 - Residential curbside and alley grass clipping collection.

Key Recommendations

-  **Rebalance** garbage collection routes
-  **Move to 4-day per week curbside collection schedule**
-  **Adopt** a volumetric rate structure for residential garbage collection
-  **Provide** seasonal residential yard waste pick-up, and cease operating a majority of the seasonal grass clipping drop sites

Key Recommendations

Residential Curbside Garbage Collection

Recommendations

Rebalance curbside collection routes

Move to 4-day per week schedule, rather than five days per week



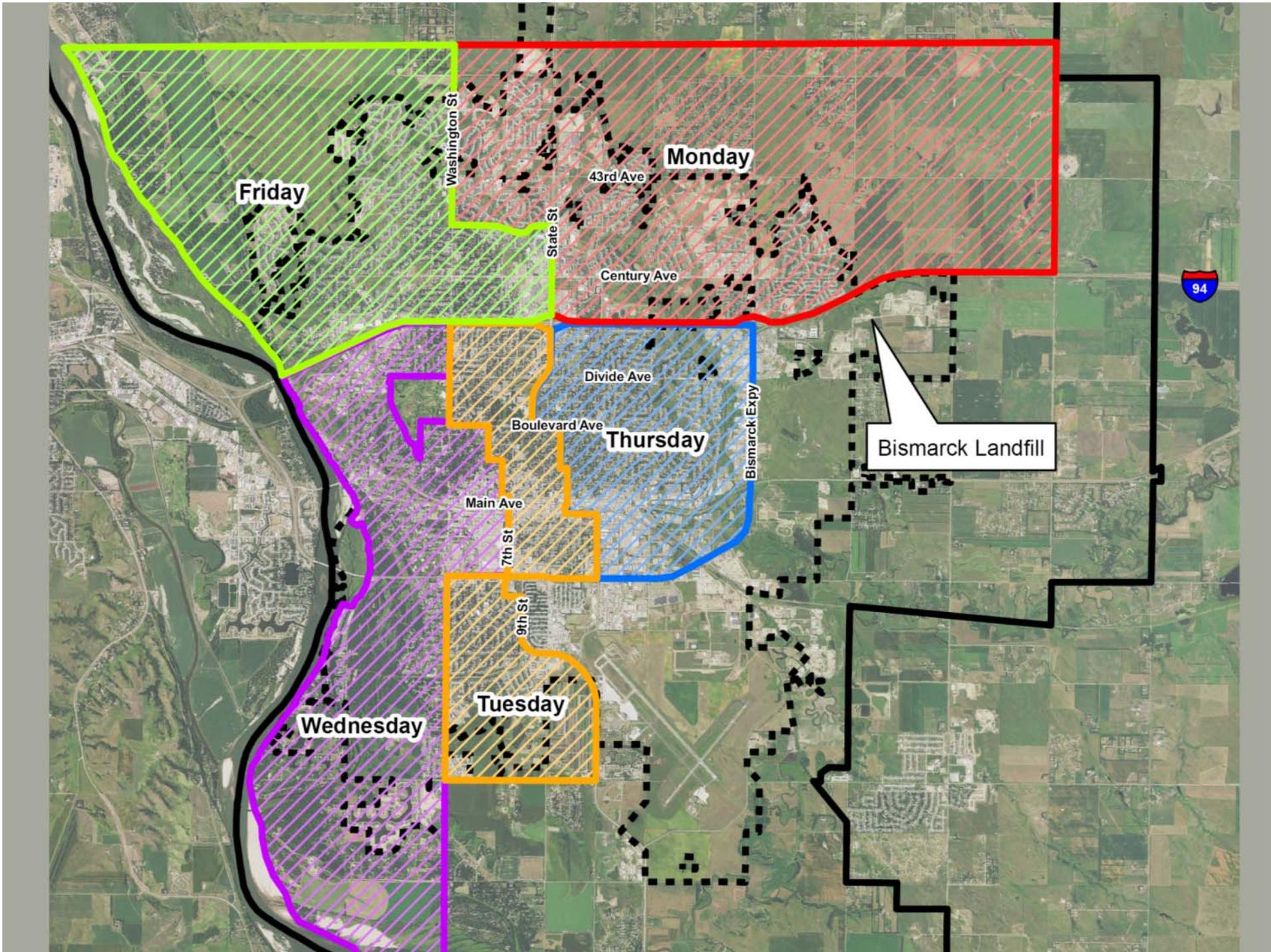
Benefits

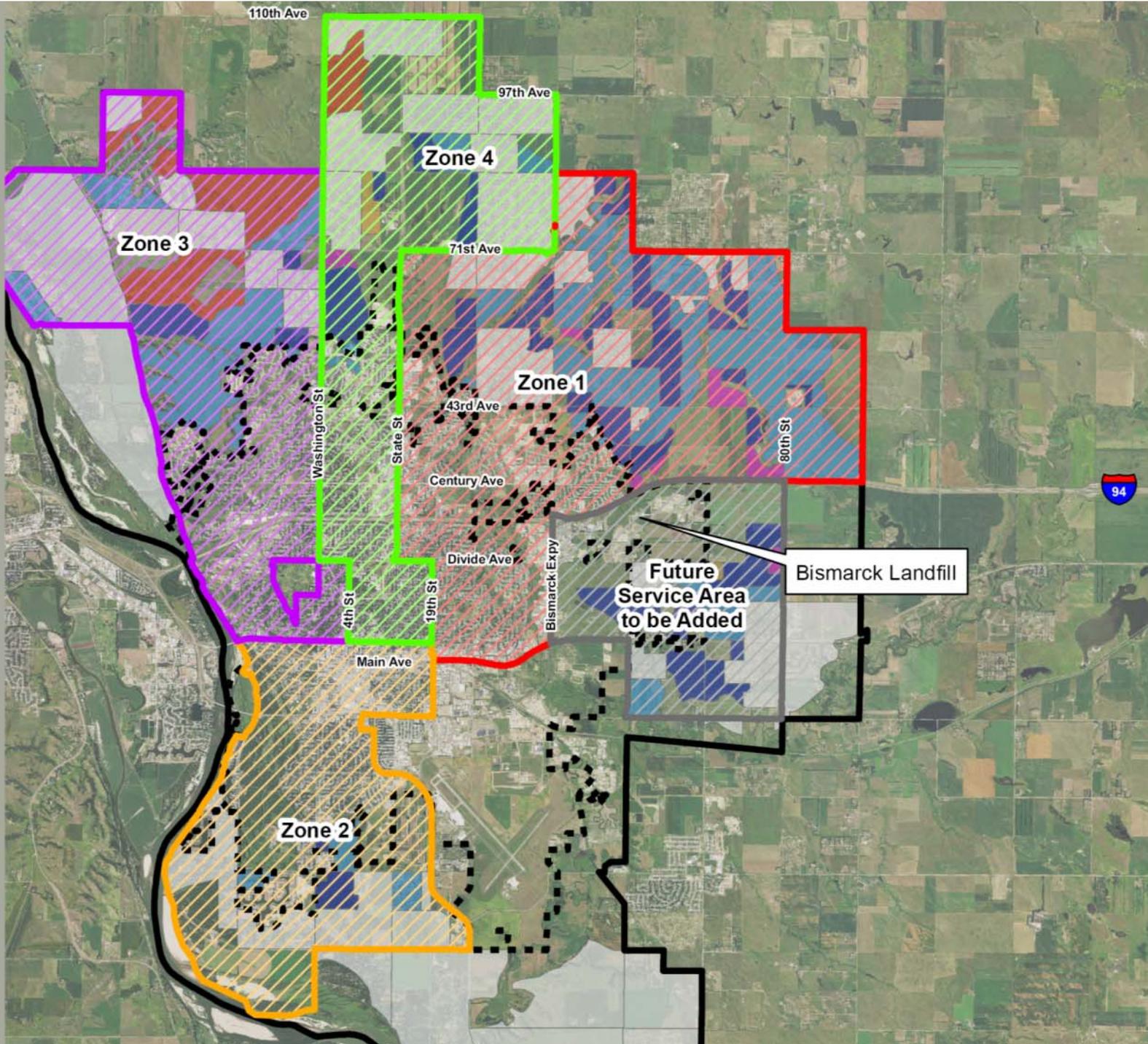
Efficiencies gained = system cost savings

Solves the Friday carryover of garbage until Monday during holiday weeks

Eliminates the need for 13 Roads and Street employees to assist with collecting garbage after holidays (reduces total crew size by one third six times a year)







Key Recommendations

Residential Alley Garbage Collection

Recommendations

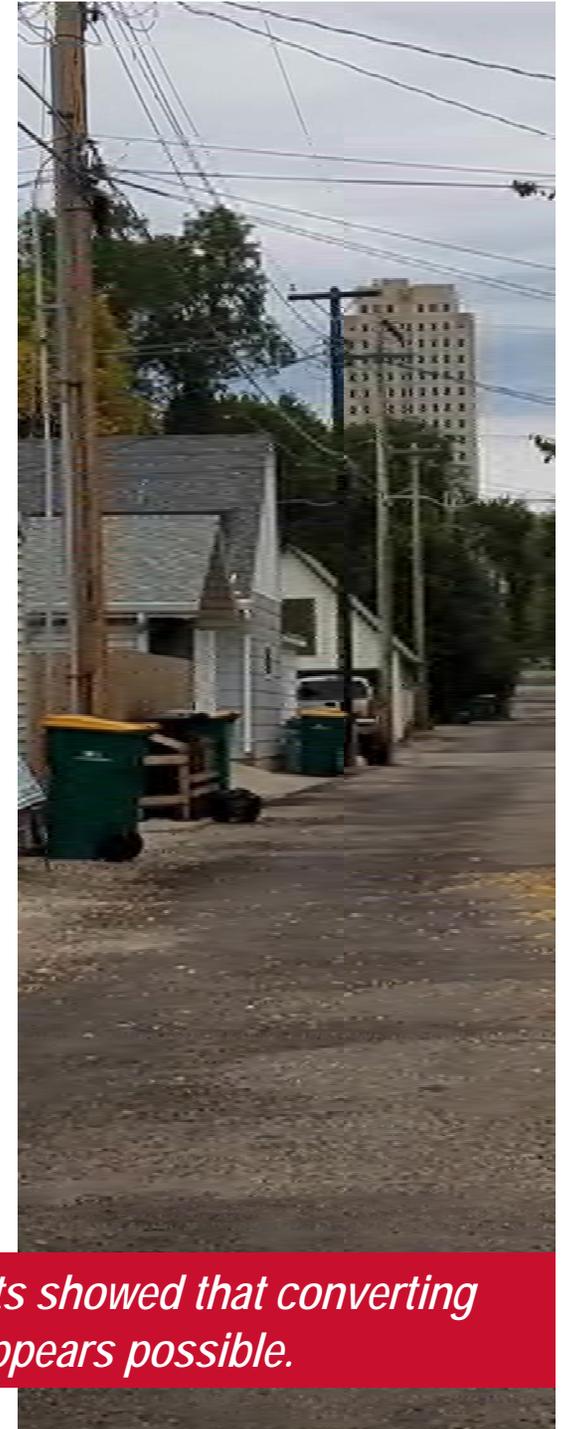
Rebalance alley
collection routes

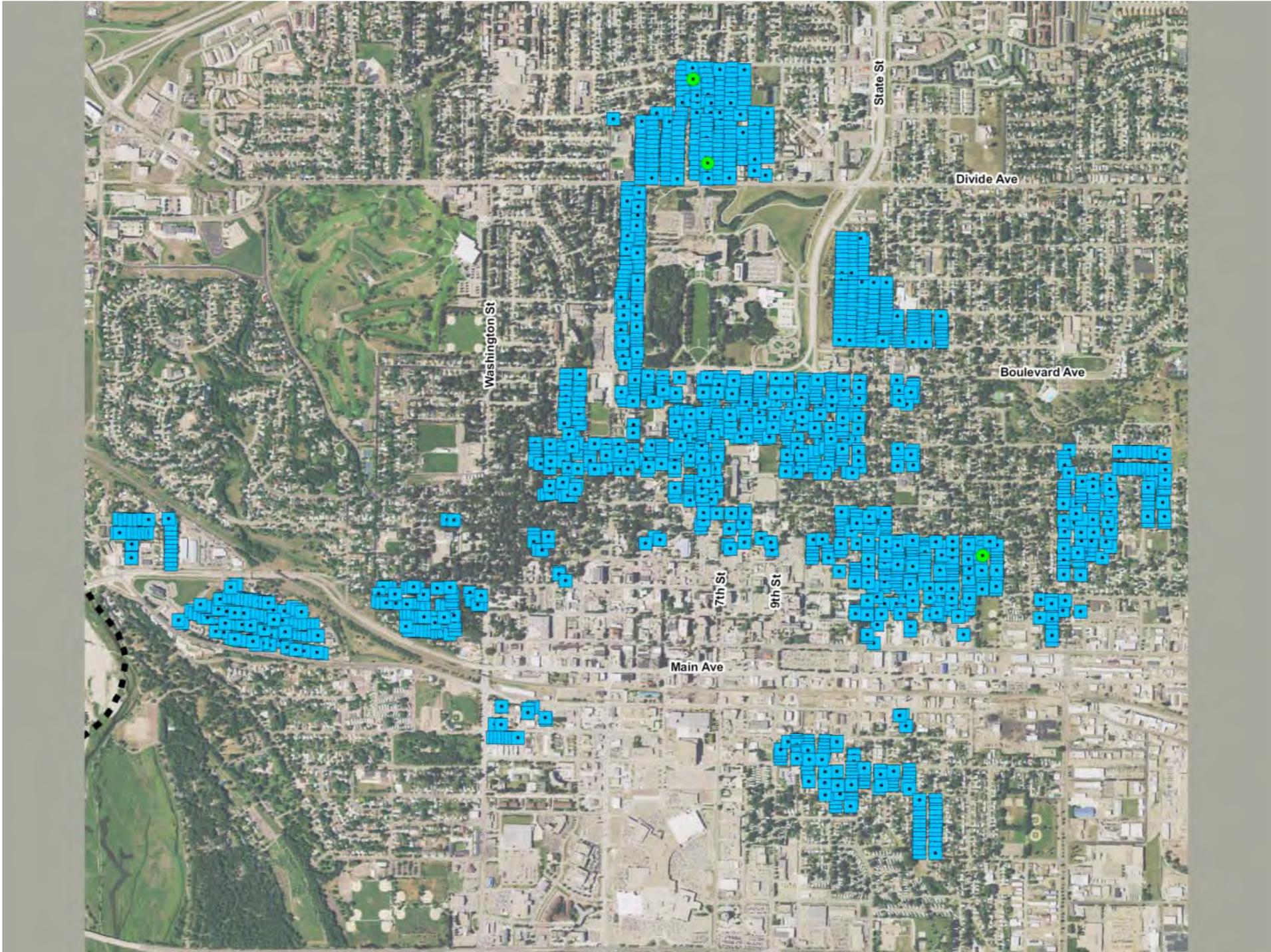
Perform a feasibility
analysis for alley
customers that could
be served with fully
automated collection
service

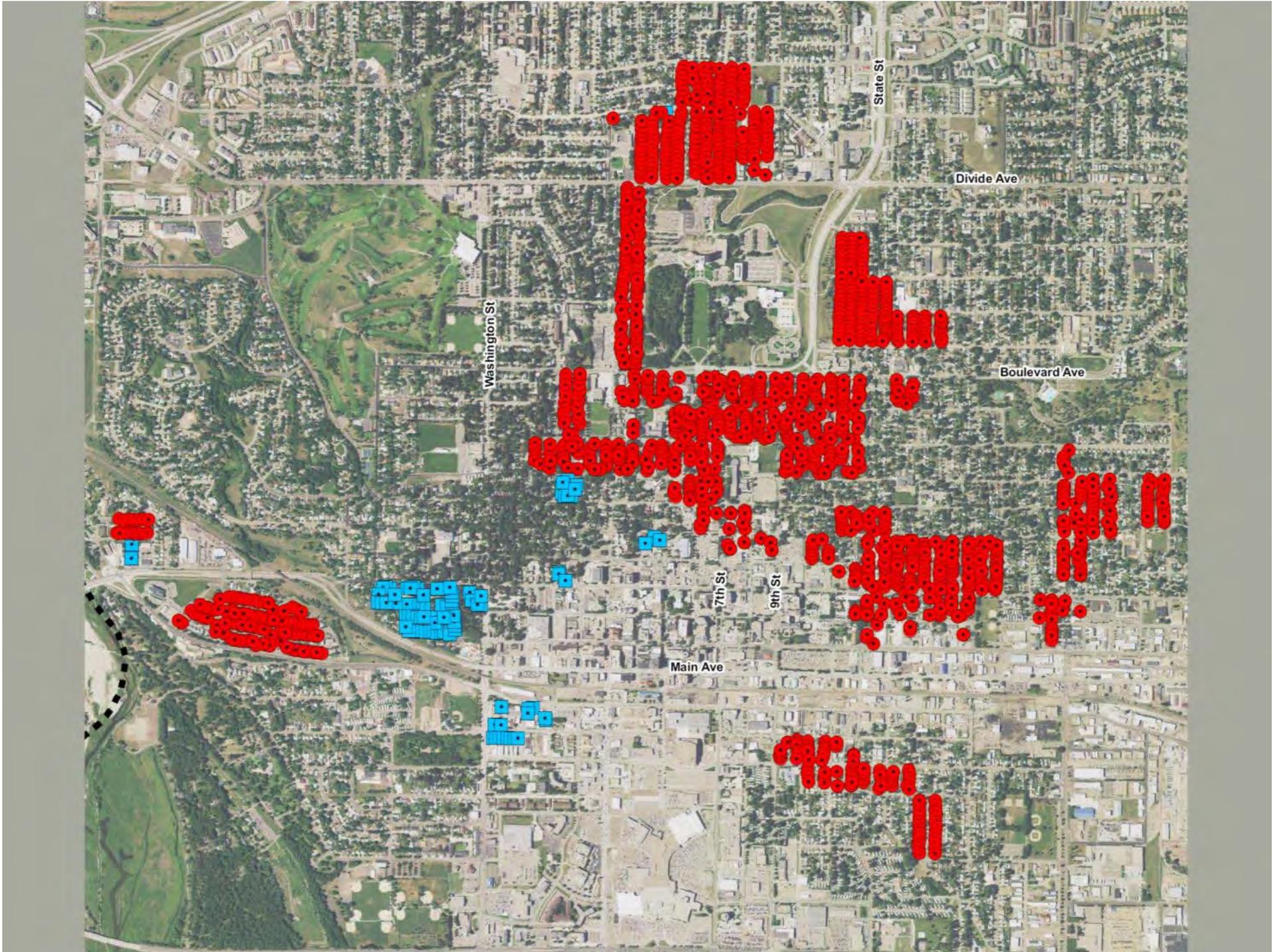
Benefits

Potential for system
cost savings

Initial review of alley pick-up locations using GIS analysis and field visits showed that converting 1,712 of the 1,912 alley customers to an automated collection system appears possible.







Key Recommendations

Volumetric Rate Structure Residential Curbside and Alley Garbage Collection

Recommendations

Adopt a volumetric rate structure for residential collection, based on size cart selected and specially marked bags for out-of-cart set-outs

Allow additional residential garbage set-outs during Thanksgiving and Christmas without need for specially marked bags

Benefits

Volumetric rate is more equitable approach to cost relative to amount of garbage set out

4-day week for curbside makes volumetric rate approach more equitable for former "Friday customers" who will not have to hold two extra days' worth of garbage until the following Monday



For Excess waste:

- offer free, non-transferable, disposal voucher at landfill for City residential property owners on a quarterly basis (with weight limits)
- continue the twice yearly cleanup weeks.

Key Recommendations

Residential Yard Waste Collection

Recommendations

Provide seasonal residential curbside and alley yard waste pick-up (voluntary program)

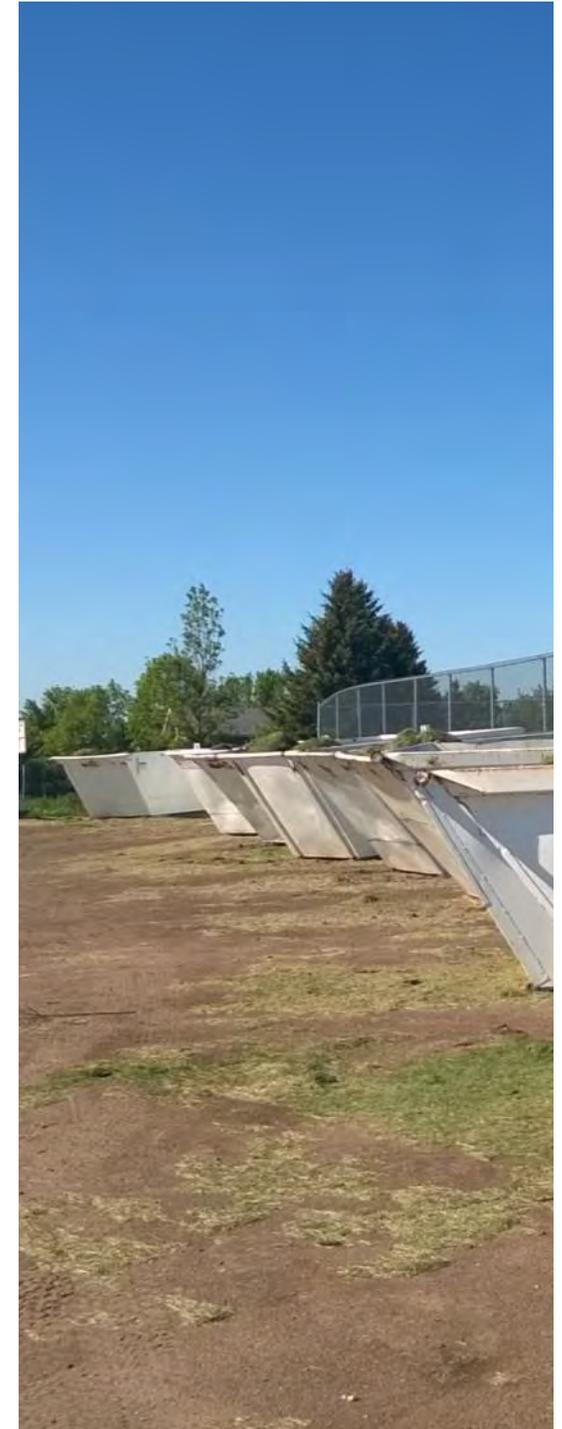
Cease operating a majority of the seasonal grass clipping drop sites

Benefits

Convenience for customers

No additional cost to the customers

Potential for net cost savings



Key Recommendations

Residential Yard Waste Collection

- Current yard waste collection system consists of:
 - 18 yard debris collection sites with dumpsters located around the City
 - Collected seven days per week during the growing season (May – Oct)
 - Three rear-load vehicles for collection from these sites each day (May-Oct)
- The City could offer 96-gallon cart collection of yard waste to residential curbside and alley customers



Key Recommendations

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-  **Provide** seasonal residential yard waste pick-up, and cease operating a majority of the seasonal grass clipping drop sites

A circular arrangement of diverse hands reaching towards the center, symbolizing unity and support. The hands are of various skin tones, including light, medium, and dark brown. They are positioned in a ring, with fingers slightly curled as if holding or supporting each other. The background is plain white.

**Questions or
Comments?**