



Briefing
OCEAT 03-15
Solid Waste Services
Project Update

May 31, 2016

Discussion Points

- Alternative collection service scenarios
- Evaluation findings
- Recommended service enhancements

Public Survey

- Residents expressed desire to increase recycling through single stream collection approach (96-gallon carts versus the “Little Blue” bins)
- 75% of the residents rarely use bag service (2-3% use it frequently)
- Bulky waste is a popular service

Collection/Recycling Scenarios

- Household Curbside Services

- Scenario 1 (Status Quo):

- 1x/week collection, 4-day collection schedule
 - Unlimited bag service (w/ 2 Big Blues)
 - Bulky waste service: monthly
 - Recycling: Little Blue (Dual Stream), 1x/week

- Scenario 2 and 3:

- 1x/week collection, 4-day collection schedule
 - Unlimited bag service (w/ 2 Big Blues)
 - Bulky waste service: monthly
 - Recycling: **Single stream recycling (1x/week, Scenario 2, or 1x/2 weeks, Scenario 3)**

Collection/Recycling Scenarios

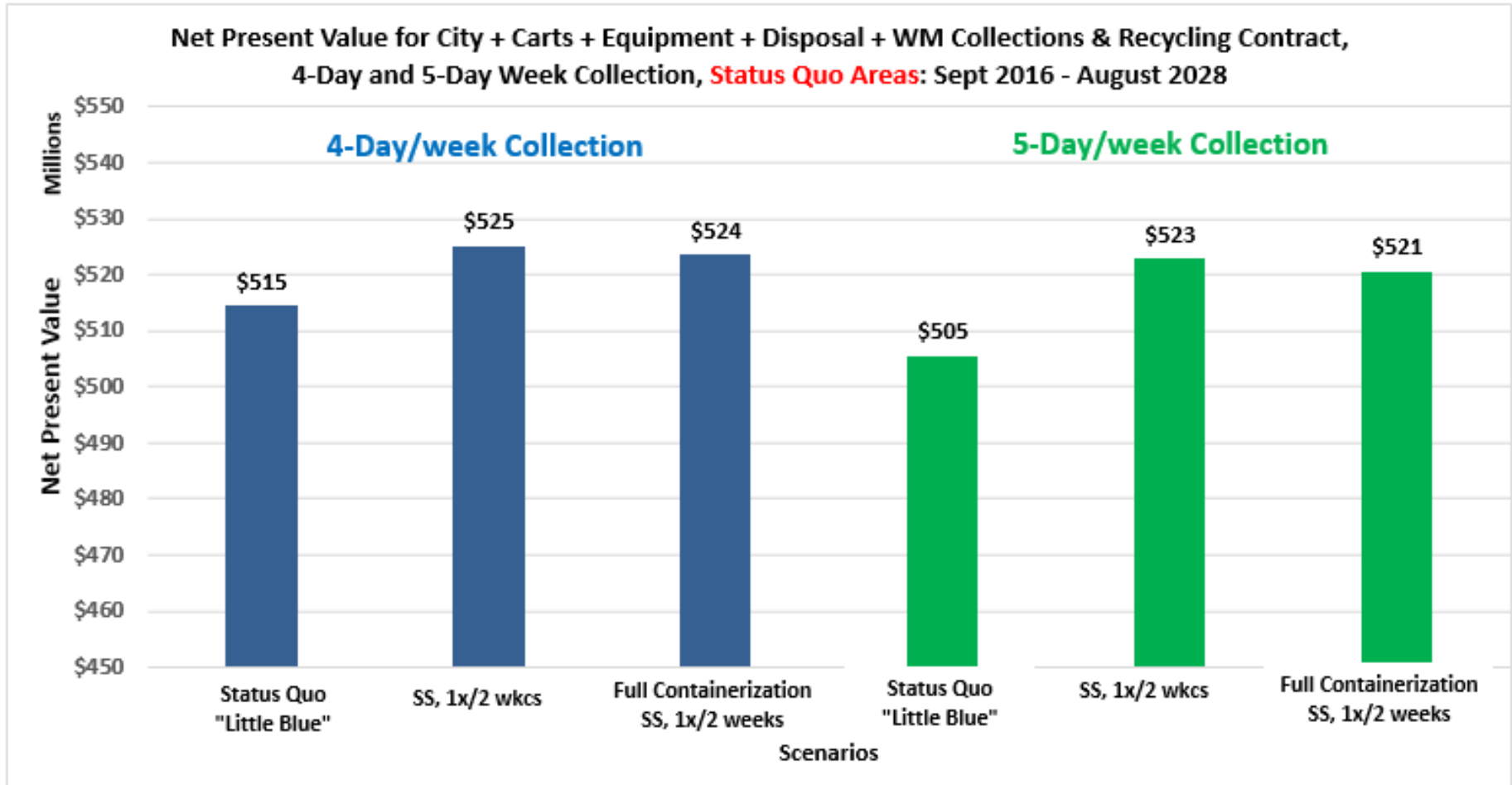
- Household Curbside Services
 - Scenario 4 and 5:
 - 1x/week collection, 4-day collection schedule
 - Bag service by subscription (additional fee)
 - Full containerization (95-gallon Big Blue)
 - Bulky waste service: monthly
 - Recycling: Single stream recycling (1x/week, Scenario 4, or 1x/2 weeks, Scenario 5)

Collection/Recycling Scenarios

- Household Curbside Services
 - Scenarios 6-10, same as Scenarios 1-5, except **5-day/week collection schedule**.
 - Scenarios 11 through 20, same description as 1-10, except with a **reconfigured service areas** between the City and WM

Findings – Status Quo Area

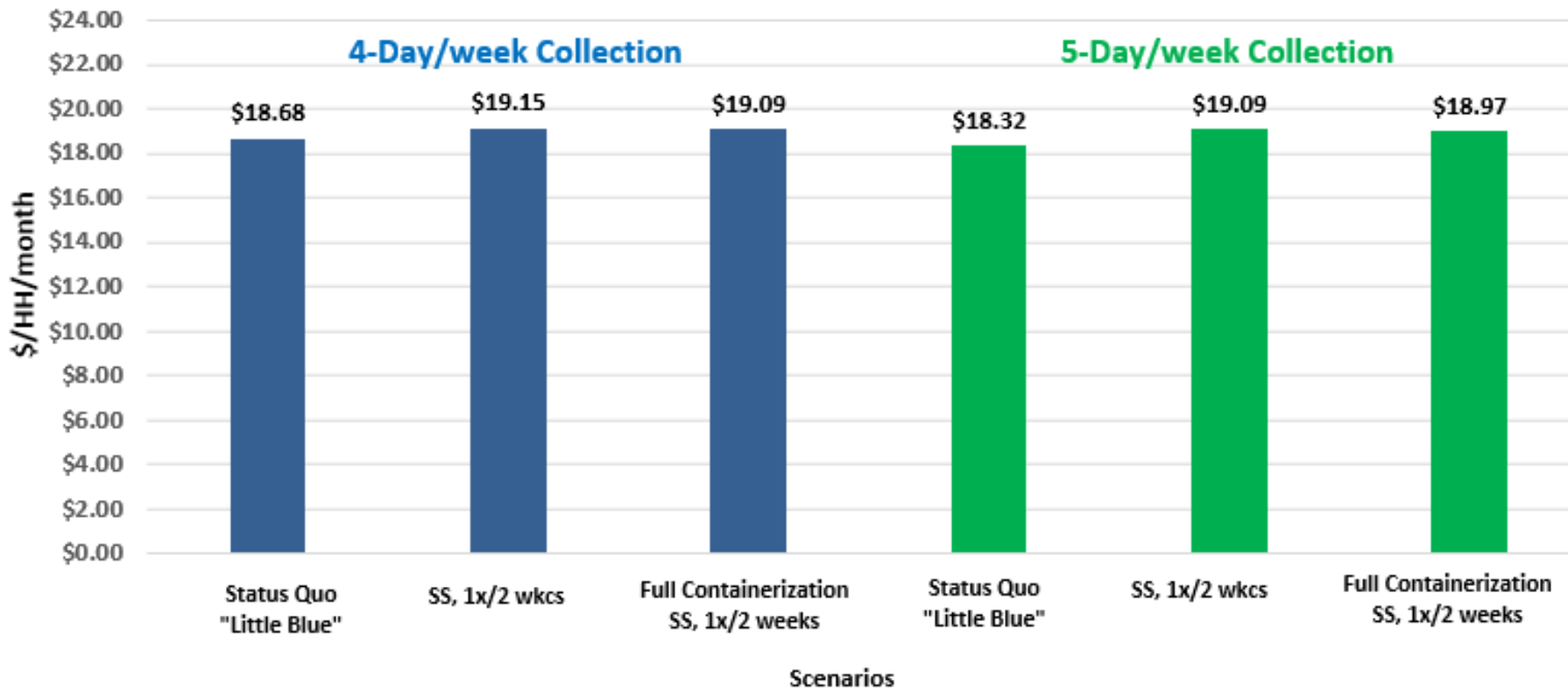
Net Present Value Summary



Findings – Status Quo Area

\$/HH/Month Summary, Fiscal Year 2020

Fiscal Year 2020- Average \$/HH/Month for City + WM Collections & Recycling Contract + Disposal + Amortized Capital Costs, 4-Day and 5-day Week Collection, **Status Quo Areas**



Recycling

- **Recommendation**
 - Single Stream
 - 1x/2 weeks
 - February 2018

Collection Day Change

4- Day to 5-Day

- **Recommendation.** Consider changing to 5-day collection schedule if single stream recycling is adopted and implemented.

Reconfigure Collection Areas

- **Recommendation.** Optimize the City's existing collection system through realignment of collection areas, rerouting and reassessment of equipment and personnel allocations; however do not expand City-collected service areas.

Recommendation

Option 1

- **Phase I** (Sept 2016): Implement new WM contract, no change in collection days, areas, or service levels
- **Phase II** (Feb 2018): Transition to new collection areas and Single Stream Recycling (either 4-day or 5-day)
- **Phase III** (TBD): Transition to Full containerization

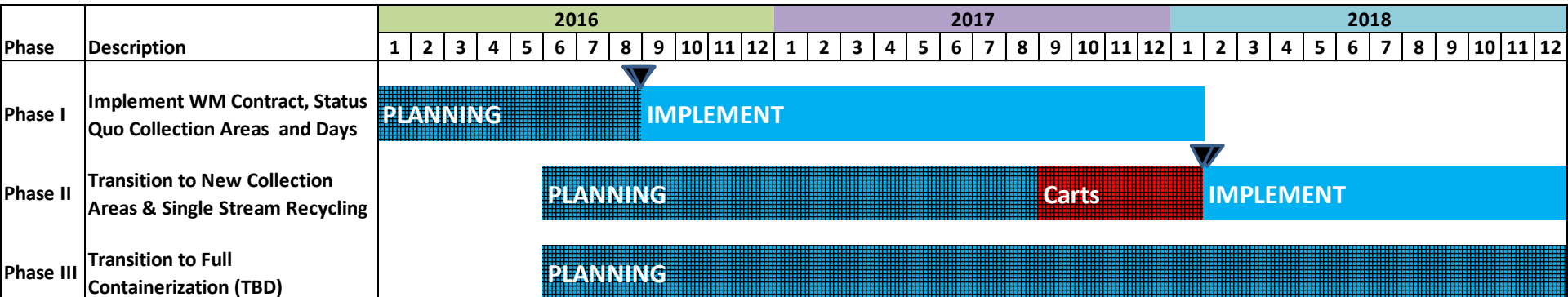
Recommendation

Option 2

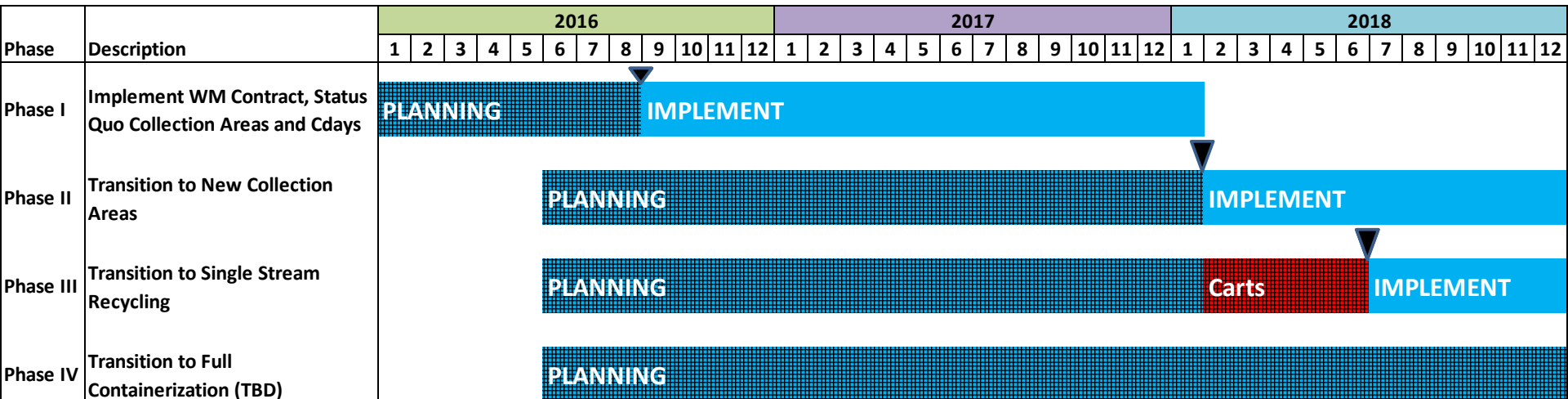
- **Phase I** (Sept 2016): Implement new WM contract, no change in collection days, areas, or service levels
- **Phase II** (Feb 2018): Transition to new collection areas (either 4-day or 5-day)
- **Phase III** (July 2018): Transition to Single Stream Recycling
- **Phase IV** (TBD): Full containerization

Phasing Option Schedule

Option 1



Option 2



Other Need Activities

- Rerouting of City Collected routes (by Feb 2018)
- Develop strategy for PAYT
- Purchase and deliver new carts
- IT changes (SAP, routes software)
- Public education
- Ordinance changes