



Public Works Solid Waste Alley Collection

March 4, 2019

The Questions We Will Answer:



What is the Plan?

- **Not all alley 300s will be converted to curbside!**
- Safety issues will be addressed first
- Other areas causing operational issues will be addressed next
- The majority of 300s will be converted to 90s but remain with alley pickup
- This transition is for residential only
 - **Multi-family (triplex or larger) would continue to use their 300 or metal container**



What is the Plan?

Changes are for residential only

Phase 1 – Safety issues causing a large number of problems

(estimated completion = 3/31/19)

- **Replace 190 alley 300s with curbside 90s (150 complete to date)**

Phase 2 – Back-in alley safety issues causing a moderate number of problems

(estimated completion = 6/30/20)

- **Replace approximately 300 alley 300s with curbside 90s**

Phase 3 – Other residential 300s

(estimated completion = 6/30/21)

- **Replace 5,700 alley 300s with alley 90s**

Will continue to have about 1,000 300s to service multi-family & commercial customers.



Example of a Phase 2 Change Needed



$\frac{3}{4}$ of the street has 90s, requiring trucks to go up the street



$\frac{1}{4}$ of street has alley 300s requiring trucks to back in to pick up alley



Why? - Safety Issues



- 300s often drop into trucks causing injuries to drivers when removing them
- 410 hours of work are missed every year due to work injuries handling the 300 gallon containers



- Customer injuries due to large, heavy lids
- 300s blow into traffic
- Dead-end alleys
 - Backing into alley from a busy road
 - Backing from alley to street
 - Backing into areas with limited view (corners, trees, poles, etc.)



Why? - Equity Issues

Residential Customers that have a shared 300 gallon container receive unlimited service for the same price as residential customers who have a 96 gallon container

- Many customers serviced by shared 300s do not pay their fair share
 - Should be 3 households sharing 1 300 gallon container, but is actually about 1.7 households per container
 - Illegal dumping/non-paying persons use the 300s
 - Put more garbage in containers than the customer is paying for
 - Businesses run from the home
 - Basement apartments or 2 residences on the same lot
- Customers serviced by 96 gallon containers pay for extra pickups and extra containers



Why? – To Save Money

- \$445,000 in workers compensation claims in last 10 years related to handling 300s
- Upgrades needed for garbage trucks
 - = **\$25,000/truck for all new trucks**
 - **cannot retro existing trucks**
- 96 gallon container = \$46.34 (3 = \$139)
- 300 gallon container = \$269
- Lids on 300s need replaced often (\$98 each)
- Damage to garbage collection vehicles
- Narrow alleys result in damaged fences, poles, eaves, garages, wires, & cables
- For some alleys, need to send solid waste pickups w/ plows & sanders into alleys ahead of garbage truck
- Garbage trucks tear up alleys and increase repair costs utilizing street maintenance funding



Payback period is approximately 2 years

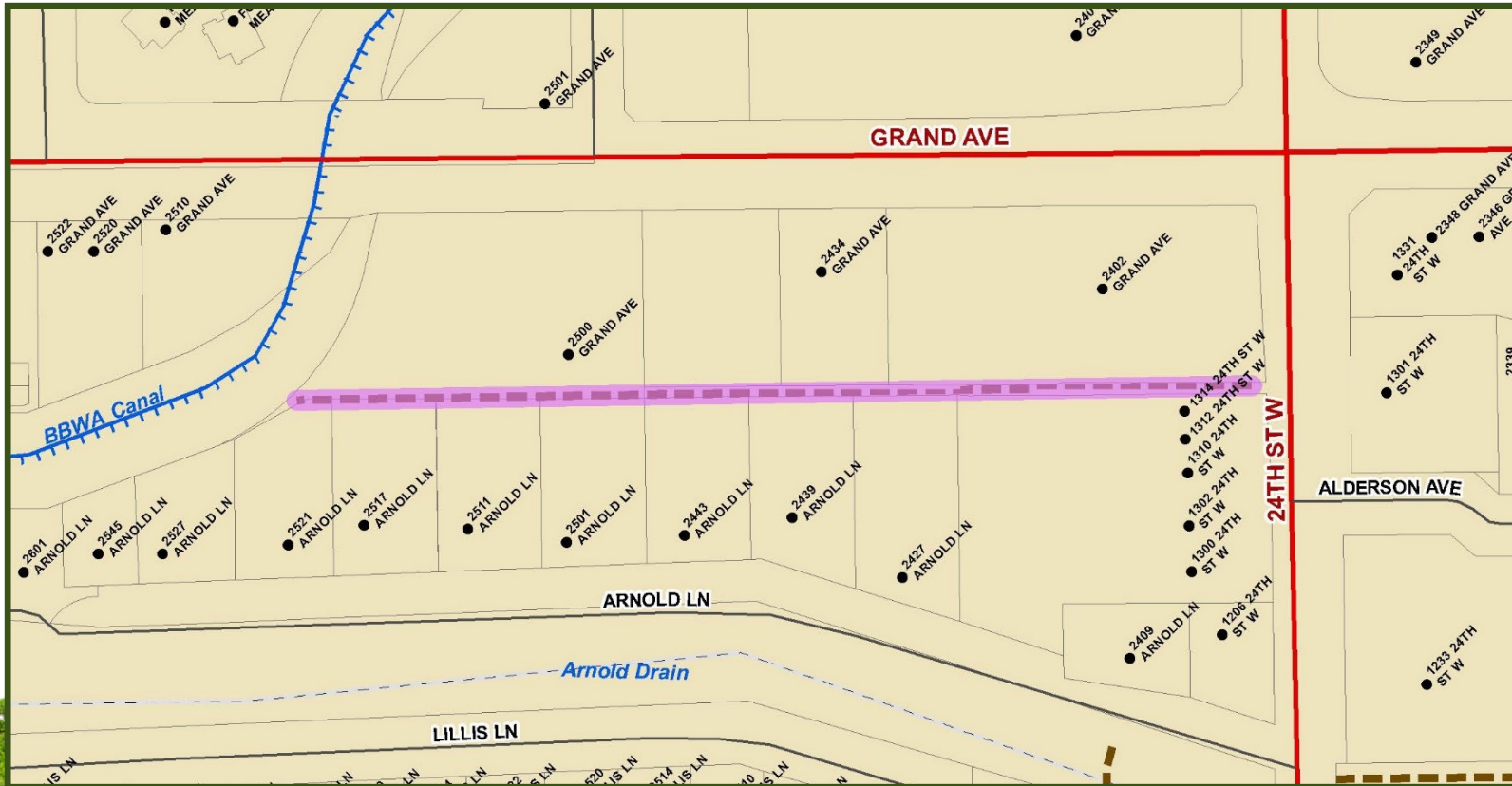
Why? Operational Issues

- Solid waste industry is moving away from 300s nationwide resulting in less options for containers/trucks
- Same trucks can be used for 90s as are used for 300s and truck arm modifications are not needed to pick up 90s
- Less abuse of waste where 90s are present
- Have about 1,000 300s that need to be replaced now
- Picking up 300s is inefficient
 - Spend more time packing and dumping 300s than driving to each 90 and dumping
- Receive numerous complaints every week about 300s and alleys.



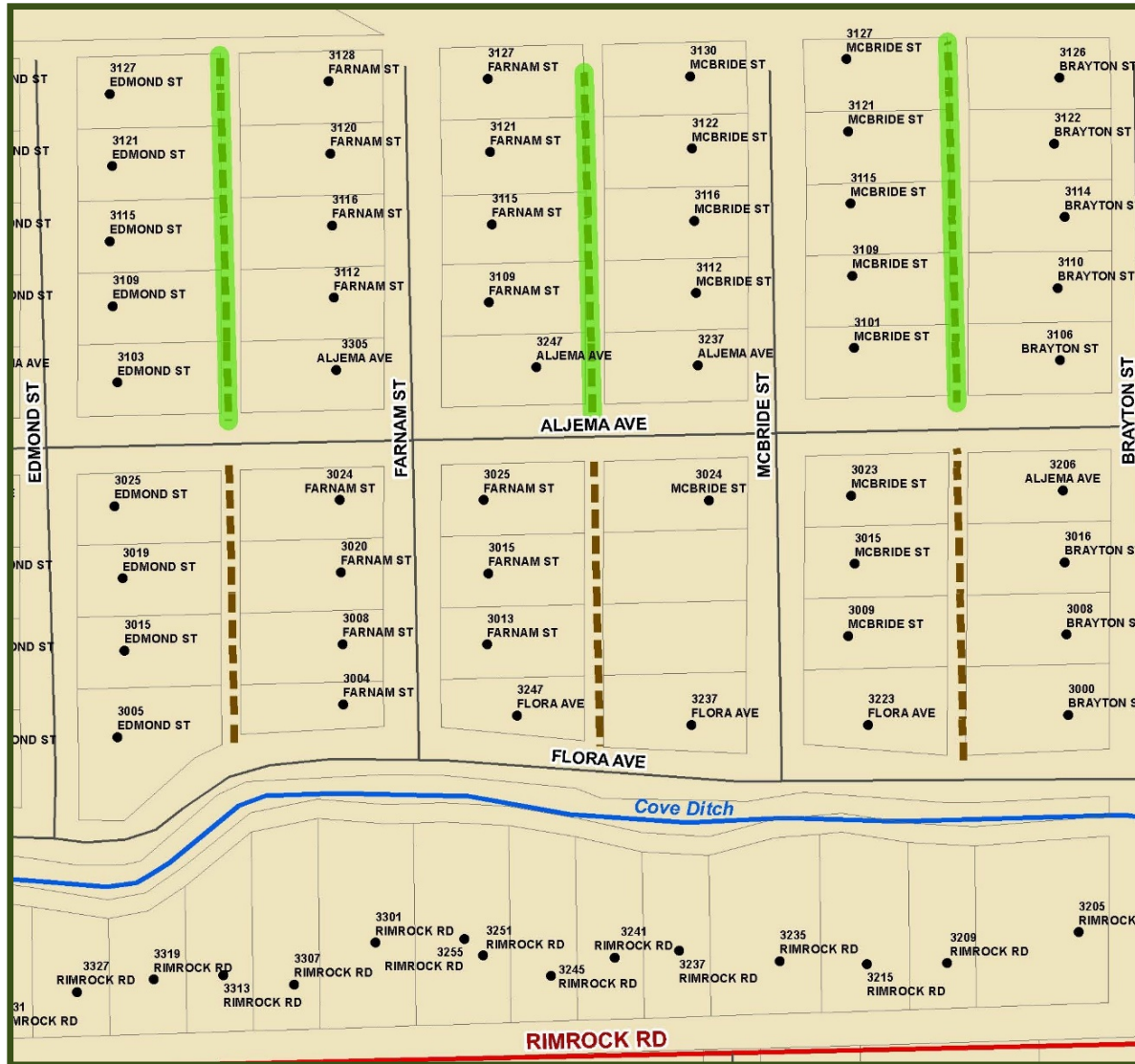
Where Are We Making Changes?

Phase 1 Priority



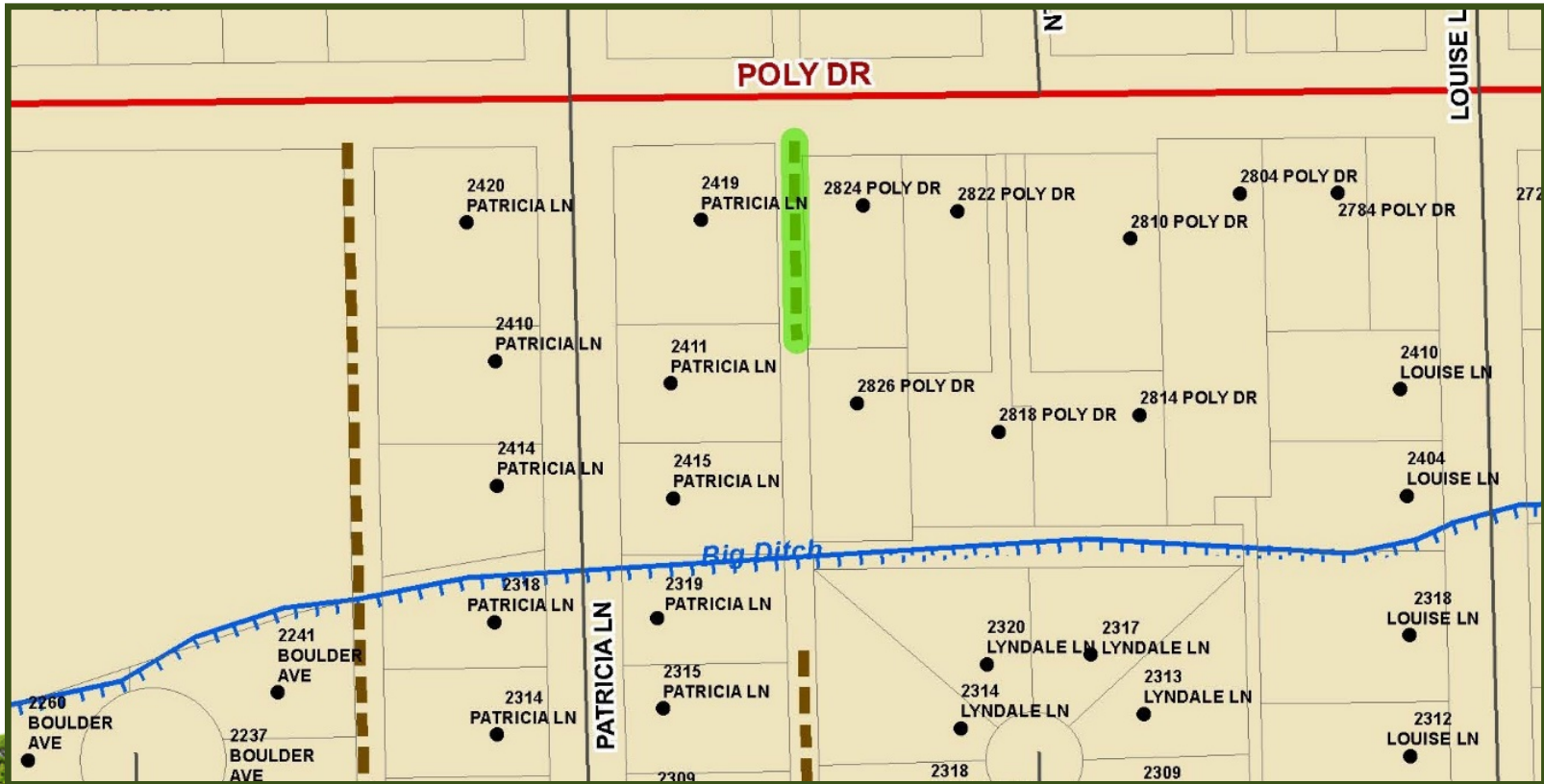
Where Are We Making Changes?

Phase 2 Priority



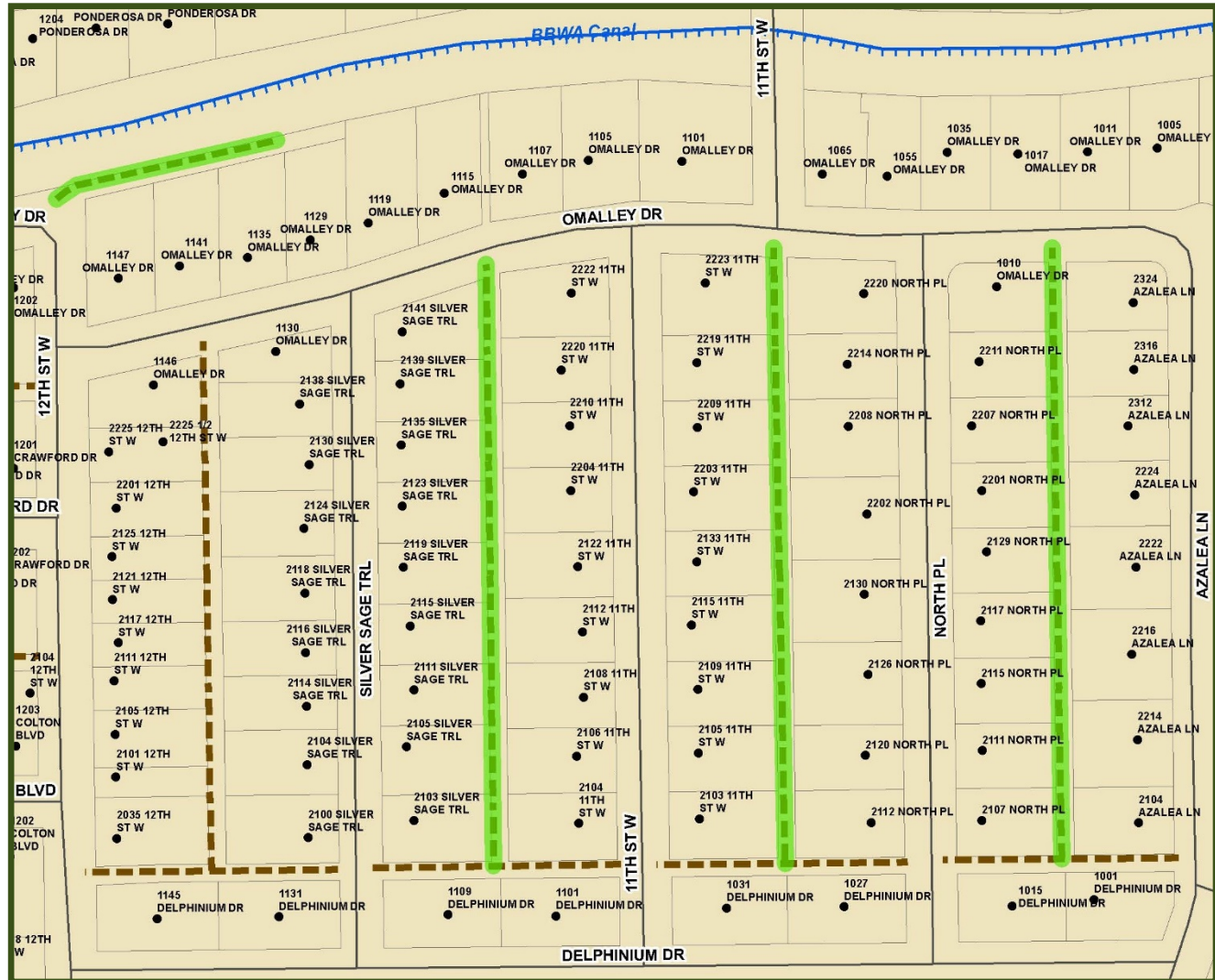
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Phase 2 Priority



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Phase 2 Priority



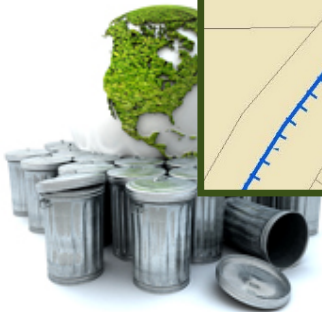
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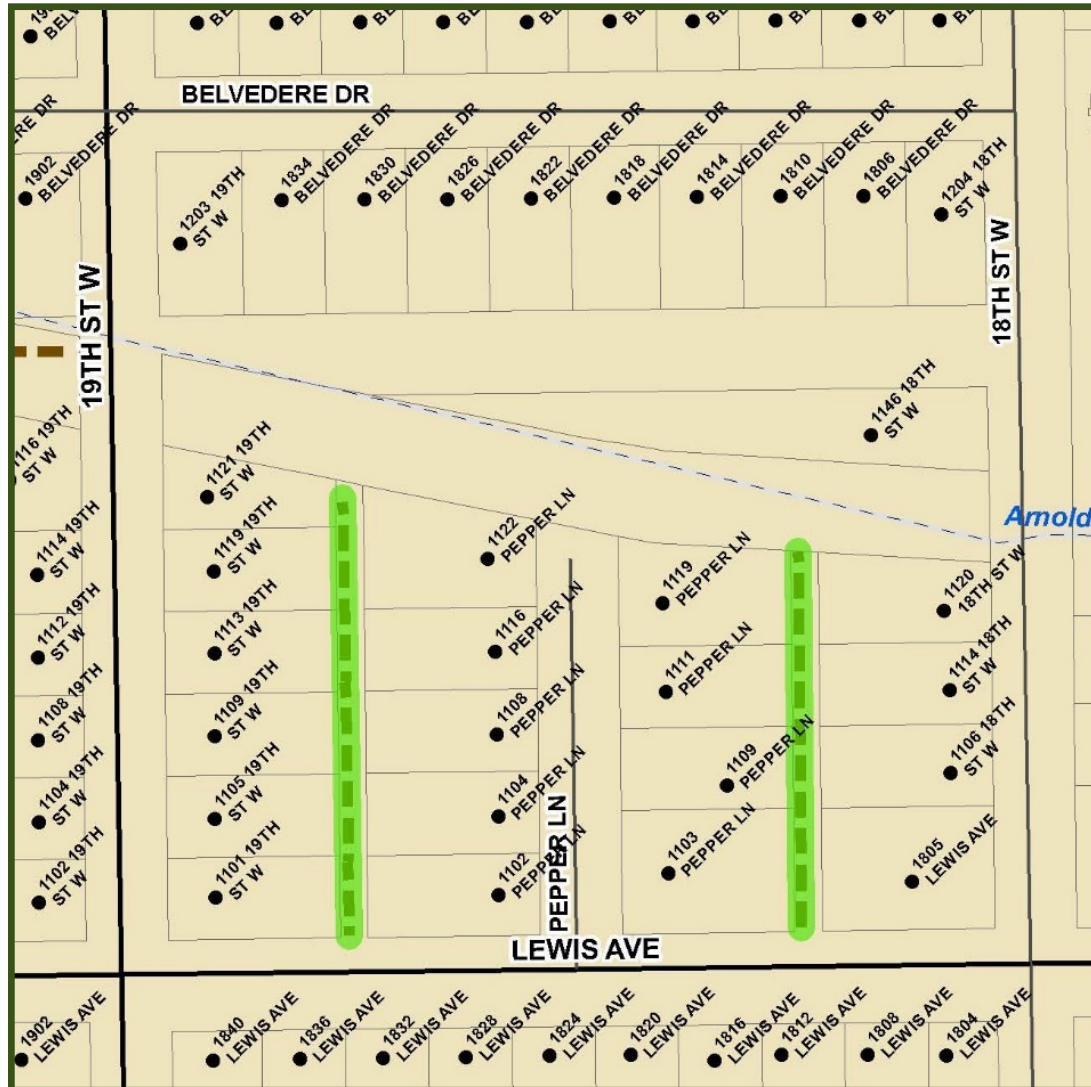
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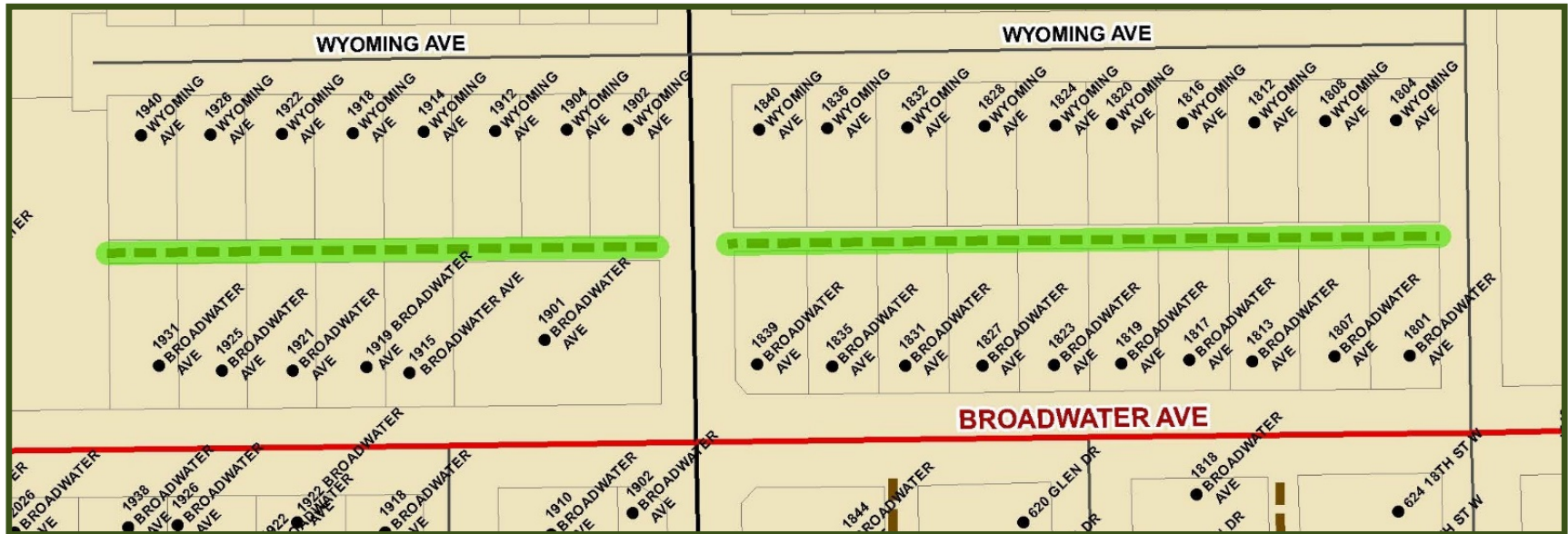
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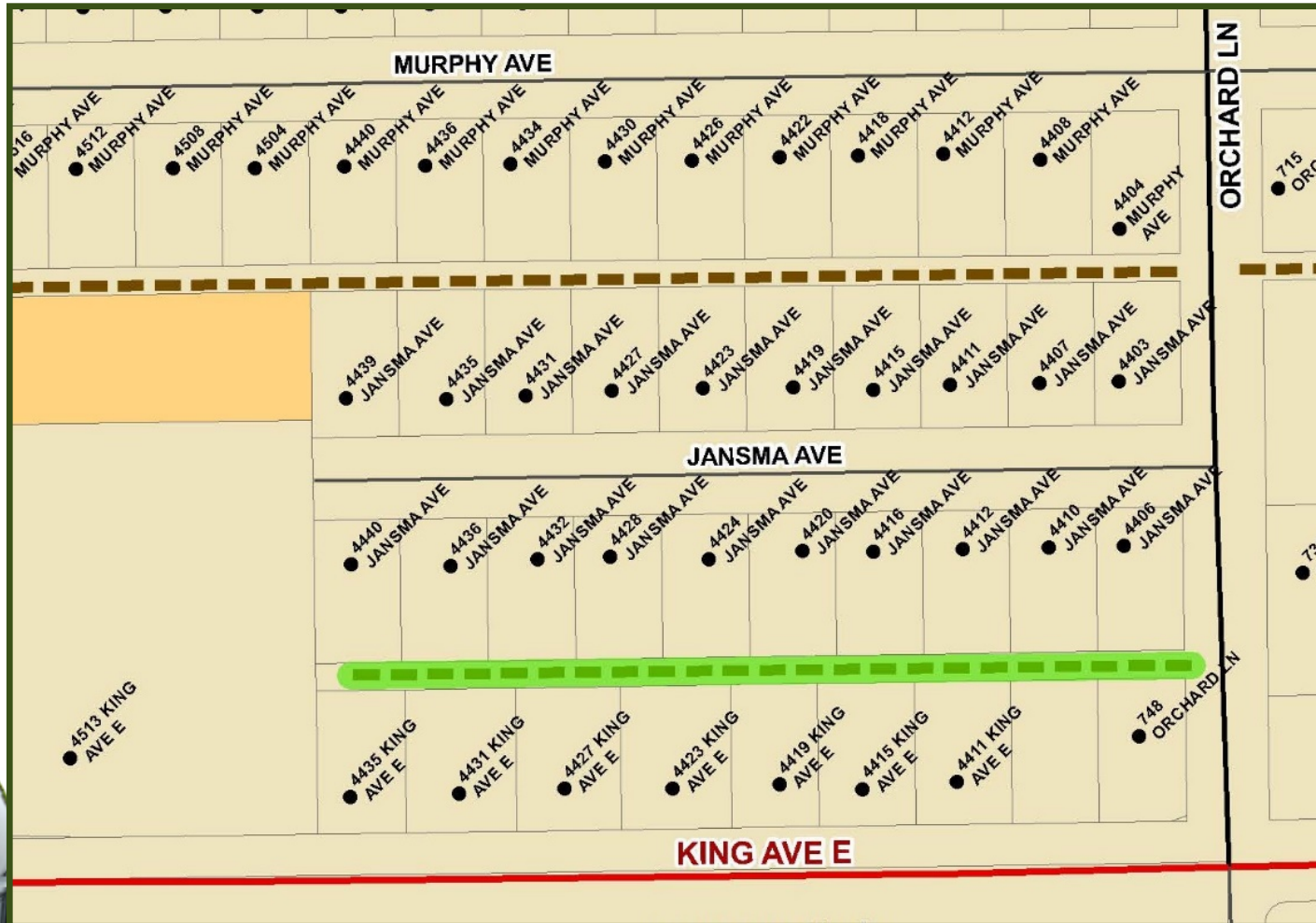
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Phase 2 Priority



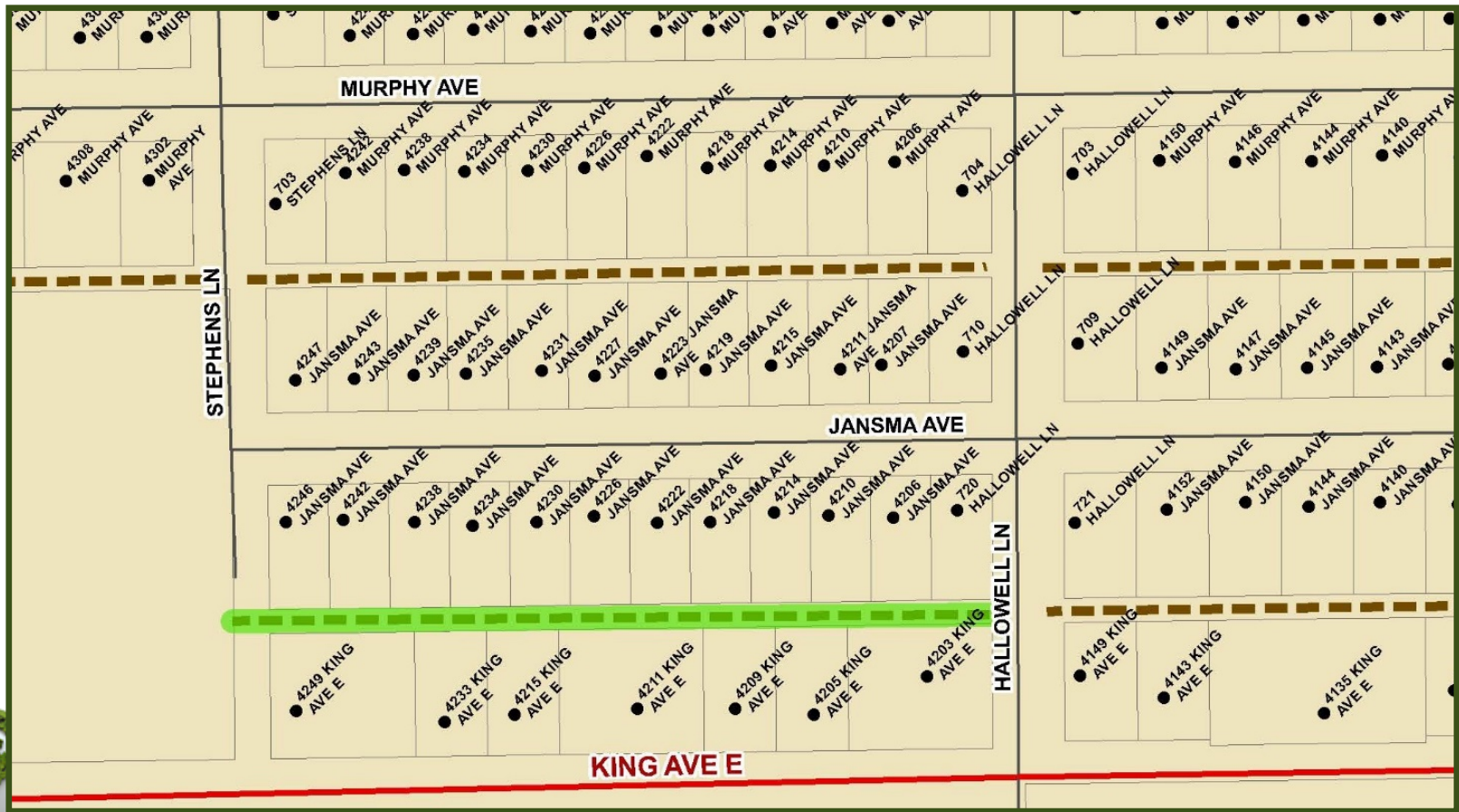
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Phase 2 Priority



How Will We Move Forward?

Notification

Letter sent to all affected residents 2-4 weeks prior to making changes in an area

Phase 1 Changes

Changes can be made within existing budget

Phase 2-3 Changes FY 20

Request increase in container budget of \$180,000 regardless of staying with 300s or changing to 90s

Phase 3 Changes FY 21

Will request the same container budget amount as FY 20 and then decrease budget for FY 22





Thank You!

