

# ARR Comprehensive Plan Update for ZWAC



October 13, 2021

# Meeting Agenda



**Progress Update**



**Select Strategies and Tactics**



**Questions and Next Steps**





# Progress Update

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## Early Improvement Recommendations



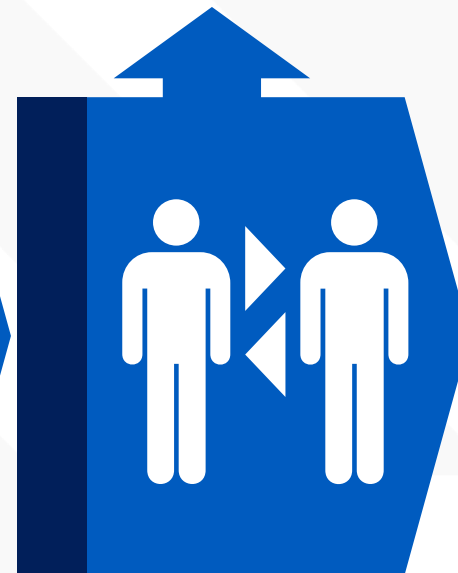
**Research, Analysis & Recommendations**

## Feasibility Matrix



**Develop Strategies & Options**

## Preferred Strategies

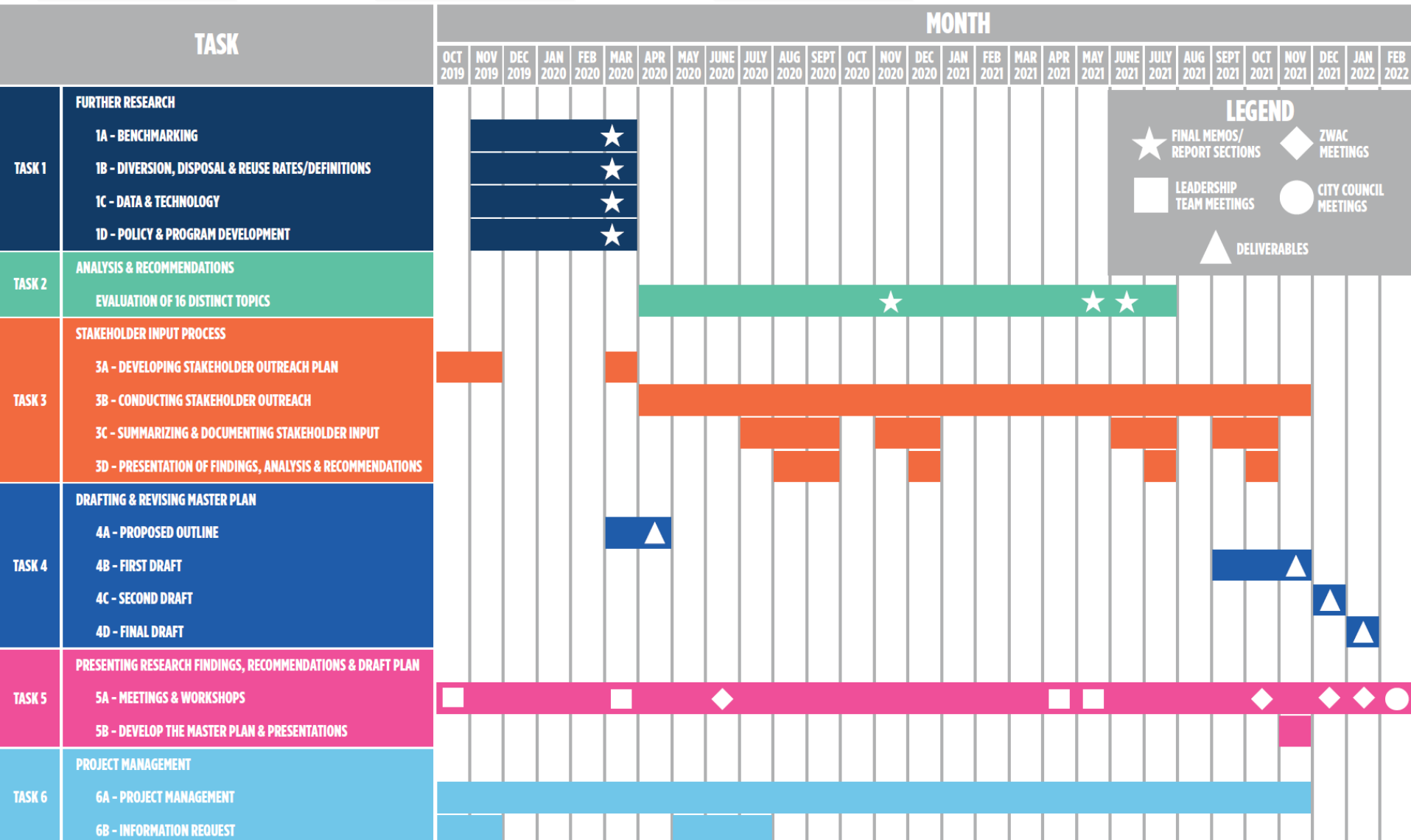


**Multiple Strategy Workshops**



**City/Stakeholder Engagement & Public Outreach**

# Project Schedule





# Select Strategies and Tactics

## Legend

Tactic Not Included in Previous Plan



# Select Strategies & Tactics: Residential

## 1. Implement alternative metrics

- Track per capita disposal to determine strategies for reaching Zero Waste goal



- Set long-term (by 2040) 90 percent capture rate goals for all recycling and organic cart materials with short term focus on materials with high economic value (e.g., milk jugs, aluminum)

## 2. Capture residential material with the greatest future diversion potential



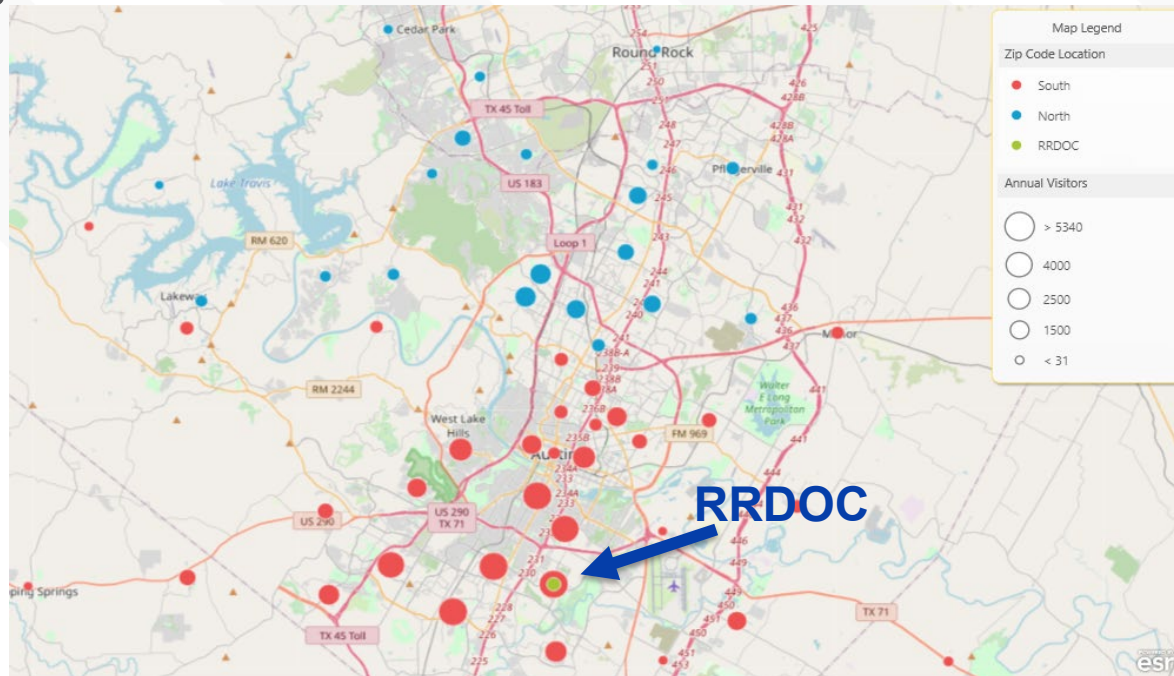
- In the short-term, incorporate fees associated with contaminated setouts and provide the opportunity to waive the fee through continued education
- Based on results of multi-family composting collection pilot, assess opportunities for multi-family composting policy



# Select Strategies & Tactics: Residential

## 3. Increase access to proper management of hard-to-recycle materials

- ★ Expand door-to-door household hazardous waste collection service as a one- or two-year City-wide pilot and evaluate long-term feasibility
- Begin planning for a north Austin facility in 2022 to expand services and access



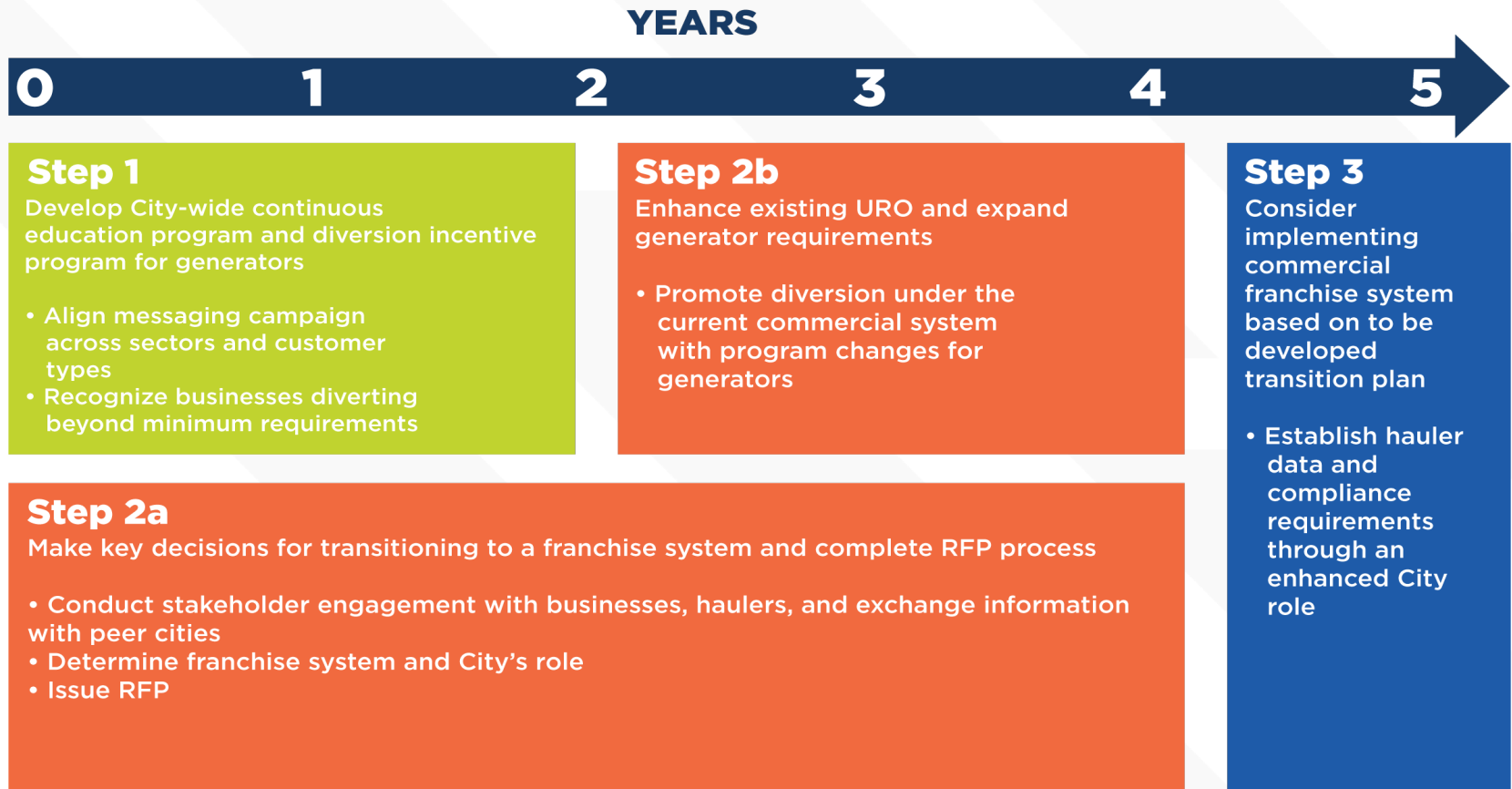


# Commercial Franchise System

- ▶ Commercial recycling collection is currently provided through an open market with over 100 permitted private haulers
- ▶ An exclusive or zoned franchise system, which limits the number of haulers, would provide ARR with greater ability to regulate hauler activity and enforce requirements that support diversion
- ▶ Los Angeles and New York have recently or are in the process of transitioning from an open market to a zoned franchise system to help reach their Zero Waste goals
- ▶ Franchise system would increase routing efficiency and improve ARR's ability to ensure consistent data, services, and messaging

# Select Strategies & Tactics: Facilities and Private Sector

## ★ 1. Plan transition to a Franchise System to expand and enhance Universal Recycling Ordinance



# Select Strategies & Tactics: Facilities and Private Sector

## 2. Monitor processing and disposal capacity in region to determine future facility ownership



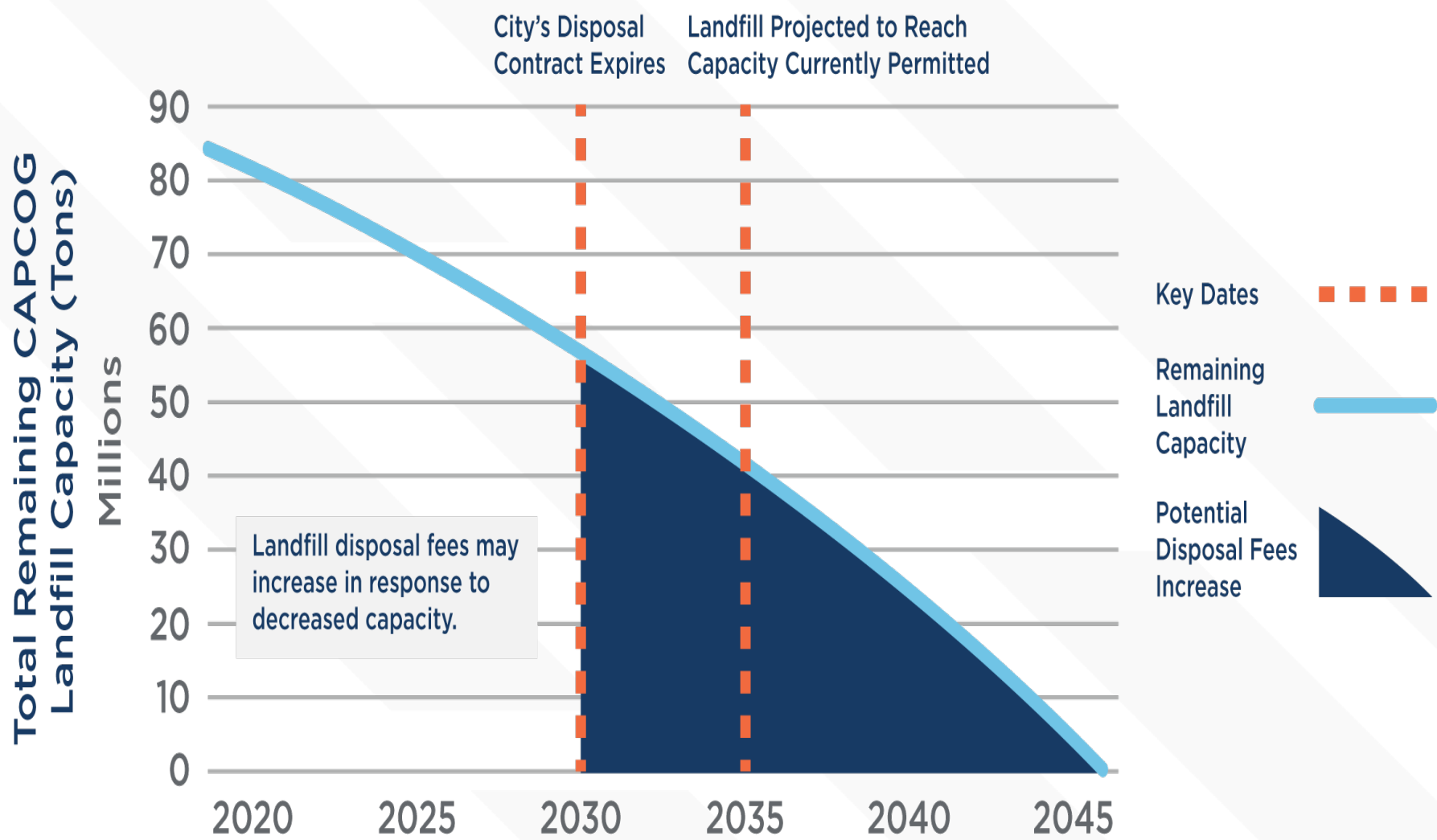
- As the region has approximately 25 years of permitted capacity remaining, utilize a transfer station and/or support the development of a regional landfill
  - Zero Waste planning requires adequate disposal capacity as City reduces, but does not eliminate, disposal

## 3. Facilitate access to construction and demolition recycling and increase diversion



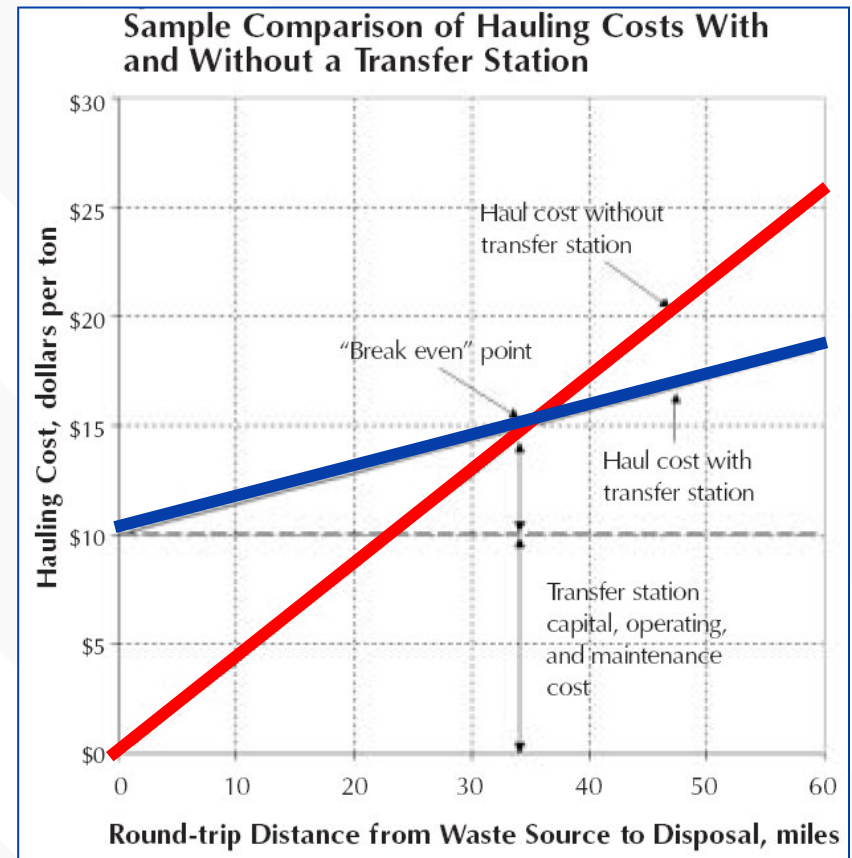
- Support third party haulers in accessing privately-owned C&D processing facilities and increase recycling of key materials

# Permitted Regional Landfill Capacity Limited to 25 Years



# Utilizing a Transfer Station

- ▶ The City will prioritize utilizing a transfer station
- ▶ Hauling distance to the landfill can be up to 60 road miles round-trip from North Austin, indicating financial benefit of transfer station
- ▶ Transfer station would also provide environmental benefits:
  - Reduced carbon footprint from reduced fueling
  - Ability to electrify fleet due to shorter haul distances



# Select Strategies & Tactics: City-Wide

1. Focus on recruitment of secondary processors and end-users of material to support Circular Economy efforts

## Evaluation Process





# Select Strategies & Tactics: City-Wide

## 2. Expand the concept of Zero Waste community-wide



- In developing new messaging materials, assume Zero Waste is still an unfamiliar term community-wide in messaging materials
- Continue city-wide messaging of consistent diversion practices, with a focus on the appropriate program materials for each cart as a part of a continuous City-wide awareness campaign

## 3. Determine a long-term strategy to transition to a Circular City



- In developing a long-term strategy to promote City-wide behavior change towards waste reduction and reuse, ARR may consider the following:
  - Coordinate with industry groups to drive policies that disincentivize purchasing of single-use products and promote “right to repair”
- Consider alternative rate structures to reduce consumption



# Questions and Next Steps

# Additional Questions?

**Scott Pasternak**

Burns & McDonnell

512-872-7141

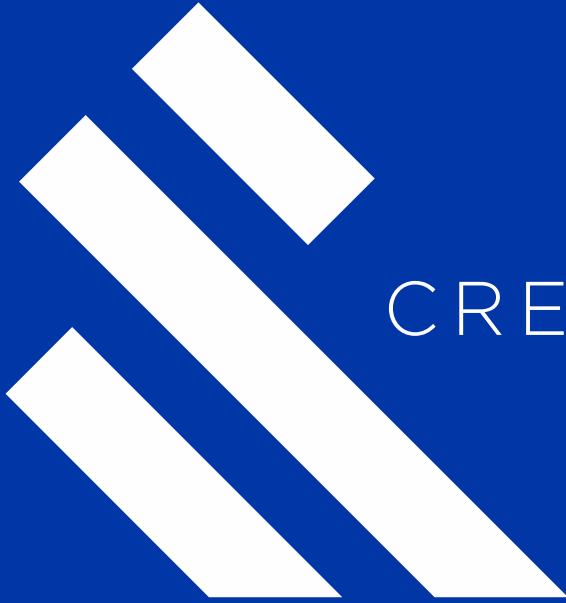
[spasternak@burnsmcd.com](mailto:spasternak@burnsmcd.com)

**Jonathan Ghysels**

Burns & McDonnell

737-263-3378

[jaghysels@burnsmcd.com](mailto:jaghysels@burnsmcd.com)



CREATE AMAZING.