

Central Business District

Above Ground Collection Pilot



City of Raleigh

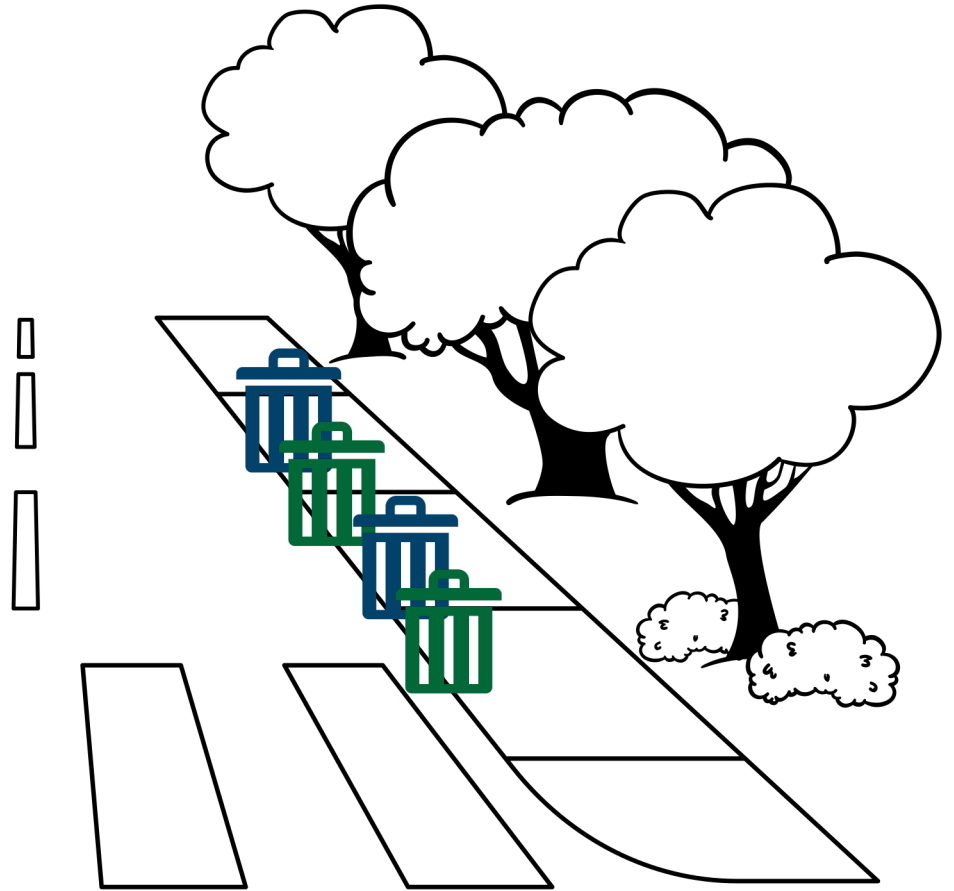
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Marianne Sweden

City of Raleigh SWS

Today's Discussion

- Project Purpose
- Current Process
- Need for a New Solution
- Benefits of TRACs
- Pilot Details
- Q&A



Purpose

- ❑ The City of Raleigh is piloting a waste collection system in part of the downtown business district with above-ground containers.
- ❑ Their purpose is to replace the 95-gallon carts occupying sidewalks, reduce recycling contamination, and enhance the safety and cleanliness of downtown Raleigh.



Current Collection of Central Business District (CBD)



95-Gallon Roll Carts: Trash and recycling are collected from 95-gallon rolling carts that sit on the sidewalk

Split Body Rear Loader Truck: Collect trash and recycling at the same time

Staffing: Equipment Operator II operates the truck and a Service Specialist collects carts

Service Frequency: Carts can be serviced up to 7 days per week

Need for a New Solution

Space & Appearance

Roll carts take up space and cause a cluttered look on sidewalks.

Reduce Contamination

Provide dedicated space for flattened cardboard and loose recycling. Make more space for garbage by removing recyclables from the garbage stream.



Responsible Recyclers stick to the basics

The Blue Cart is for Recycling, Not Trash!

El bote azul es para el reciclado, no para la basura.



Aluminum Cans | Clean Tin Foil
Latas de aluminio |
Papel de aluminio limpio



Glass Containers
Contenedores de vidrio



Cartons
Cajas de cartón



Plastic Containers
Contenedores
de plástico



Paper Waste | Cardboard
Residuos de papel |
Cartón



NO PLASTIC BAGS
NO BOLSAS
DE PLÁSTICO



NO TANGLED
NO ARTÍCULOS QUE SE
ENREDAN



**NO STYROFOAM
PRODUCTS**
NO PRODUCTOS DE ESPUMA
DE POLIESTIRENO

These items go in the trash: plastic garbage and grocery bags, styrofoam cups and packing material, and tangles like hoses and strings of lights.

How to Prep Cardboard Boxes for Recycling

Cómo preparar las cajas de cartón para el reciclaje



1
Remove all packaging material.
Retire todo el material de embalaje.



2
Flatten boxes.
Aplane las cajas.



3
Place flattened cardboard inside the blue recycling cart and leave no more than a 12" gap when closing the cart lid.
Coloque el cartón aplanado dentro del bote de reciclaje azul y no deje más de 12 pulgadas de espacio al cerrar la tapa del bote.



4
Boxes and cardboard left outside the cart will not be collected.
Las cajas y cartones que se queden fuera del bote no se recogerán.

Common "Wishcycling" Contaminants in the Central Business District

WISHCYCLING

verb

Putting non-recyclable items
in the recycling bin in the hopes
the items will be recycled



Food Residue

Items that contain food or drink residue are not processable at recycling facilities.





Greasy Cardboard

The oil seeps into the cardboard and cannot be separated from the fiber. This makes cardboard less valuable and harder to process.



Plastic Bags

Plastic bags tend to clog up recycling equipment, causing major delays and potential harm to workers at the recycling facility.

Plastic bags and cords “tangle” equipment



Trash, Recycling, and Cardboard (TRAC) Benefits

Capacity: Each TRAC has a 522.5 gallon capacity (equivalent of 5 ½ carts)

Location: Will be housed in parklets (corrals) – converted parking spaces rather than on sidewalks

Staffing: Only one staff member is needed to service TRACs

Service Frequency: Will be evaluated throughout the pilot based on tonnage



Pilot Details

Who? Beasley's & Fox Liquor

What? One TRAC for cardboard only and one TRAC for mixed recyclables

When? Installation on Monday, April 15 – Collection will start on April 17

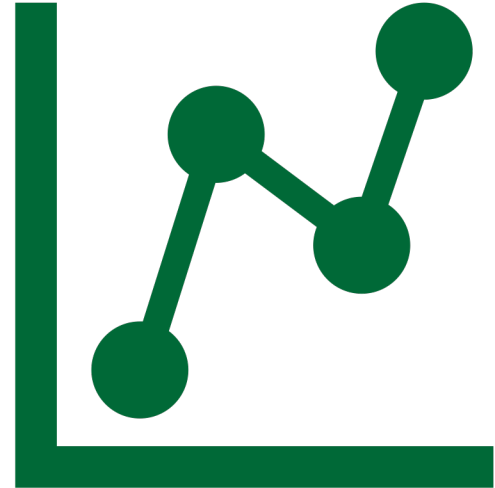
Phase I will last for approximately 30 days.

Where? Parklet built in the 100 block of E Martin St



Pilot Next Steps

- Data collection and evaluation
 - Tonnage collected
 - Clean cardboard
 - Loose recycling
 - Frequency of collection
- Communication with partner businesses
- Feedback with larger CBD area





Questions?



sws@raleighnc.gov



919-996-3245



**630 Beacon Lake Dr.
Raleigh, NC 27610**

Additional Resources

Garbage and Recycling for Businesses: [Garbage and Recycling for Businesses | Raleighnc.gov](#)

Items You Can Recycle: [Items You Can Recycle | Raleighnc.gov](#)

Educational Posters: [Cardboard recycling poster \(usgovcloudapi.net\)](#) [recycling poster \(usgovcloudapi.net\)](#)

Interested in taking a tour of Sonoco, the City's Recycling Processor?

- Email chelsey.wiggins@raleighnc.gov to request a tour.