

City of
Gainesville

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Zero Waste Subcommittee
Public Waste Receptacles on City Streets
February , 2021

Current Receptacles



Gable Top, Side-loading Containers

- Custom Specification to Meet City Needs
- Keeps out rainwater well (less seepage, fewer odors)
- Durable & Easy To Keep Clean
- Same Basic Type Used in City Parks
- Reasonable Success with Recycling in these Receptacles
- Affordably Priced
- Made from Recycled Plastic Bottles

Current Receptacles



BigBelly & CleanCube Containers

- Compaction Containers Provide Extra Capacity in High Volume Areas
- Sensors Alert When Full (Online App)
- More Expensive than Regular Containers to Buy
- Requires More Regular Maintenance by SWD Staff
- SWD & City Communications Working on Improving Signage
- Some Glitches with Sensor Reliability

Updating Signage On Sides of Receptacles



**Landfill
Trash**



City of
Gainesville ZeroWasteGNV.com

Bottles, Cans & Glass



City of
Gainesville ZeroWasteGNV.com

**Enough plastic is thrown
away each year to circle
the earth four times.**



Est. 2020
**Streatery
GNV**
GAINESVILLE, FL

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**Recycling a single aluminum can
save enough energy to power
a TV for three hours.**



Est. 2020
**Streatery
GNV**
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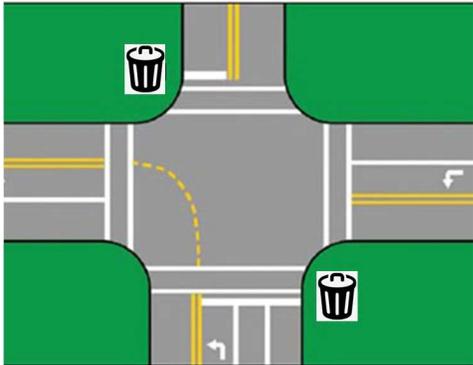
Receptacle Costs



- \$1,300 to \$1,600 per unit for Current Standard Containers
- \$3,500 to \$4,100 per unit for BigBelly or CleanCube Containers
- Maintenance Costs – Staff Time, Replacement Parts
- Collection Service – The City Pays the Contractor (WCA) every time each receptacle is serviced

=> More Receptacles = Higher Costs

Receptacle Placement



- Intersection on Opposite Corners
- Placed Where Trash is Found (Heavy Traffic Areas)
- Placement Takes Into Account Choke Points on Sidewalk, as well as Proximity to Underground Infrastructure Access Points
- Goal is to Achieve the Most Coverage Using the Fewest Number of Receptacles
- Some Mid-Block Areas have Generated Complaints
- No Standard Distance between Receptacles
- NOTE: Receptacles located on State Roads Require FDOT Permit (i.e., Univ. Ave. & 13th St.)

Receptacle Placement



Convenience Stores & Fast Food Restaurants

- High Generation of Waste/Litter
- Litter often Along Nearby Sidewalks and Curbs
- Much of the Litter Was Potentially Recycled

Bus Stop Receptacles



- Containers & Collection Managed by RTS
- RTS Currently Has 350+ Bus Stop Receptacles
- Trash Generation Levels at Bus Stops Varies Greatly from Nearly Zero to Compactor Level Amounts
- Recycling at Limited Locations (Not Many)
- Private Contractor (AJI) Empties these Receptacles

