



Public Works Department

Downtown Dumpster Solutions Presentation

April 9, 2018

Fort Pierce City Commission Conference Agenda

CURRENT SITUATION

The number of businesses and visitors to downtown Fort Pierce continues to grow, this is wonderful! However, with growth comes obstacles that we must overcome. Initially parking was a big issue and through the efforts of the Parking Committee, adequate parking is readily available. Now we are faced with sanitation disposal. Two new restaurants are opening with more on the way. The need for more capacity is great while the options for placement are slim.

Throughout downtown, from Depot Drive to Marina Square all of the dumpsters are placed on public property with most of them occupying a parking space.

CHALLENGES

- Demand for more capacity is growing.
- Running out of service days to fulfill the current demand for collection.
- Space constraints: Finding locations to place dumpsters without taking up much needed parking spaces.
- Unsightly: Without enclosures, the dumpsters and the waste collected in them is visible to the public and does not make for a great first impression.
- Illegal dumping: All of the locations downtown have issues with the public placing waste in dumpsters meant for private businesses. If the items will not fit in the dumpster, they are being left on the ground for staff to pick up.



OPPORTUNITIES

- Implement underground refuse collection in which the waste is collected in a container that rests under the concrete or sidewalk. Underground Refuse Systems, Inc. has brought this method of collection to the United States, with the City of Kissimmee being the first municipality to utilize this technology.





Kissimmee Florida

www.undergroundrefuse.com

Jay Wheeler CEO/Founder



Waste & Recycling Units



Downtown Kissimmee Florida



UNDERGROUND
REFUSE SYSTEMS
www.undergroundrefuse.com

Kissimmee City Hall 2017





20+ Years of International Use



Florence, Italy



Barcelona, Spain



Disneyland Paris

► Additional Countries:

Russia, Ukraine, Turkey, South America

Nuisance Animals & Noxious Odors



Overflowing Trash



Curb Illegal Dumping



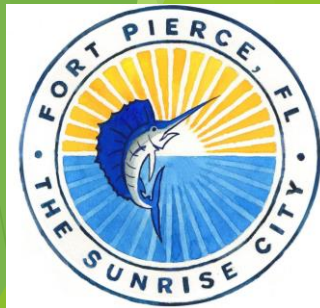
Locking Function available on all units



Safety



Crime Prevention
CPTED
SECURITY
Through Environmental Design



Save Space

- ▶ Dumpster 1:1
- ▶ Large Bins 15:1



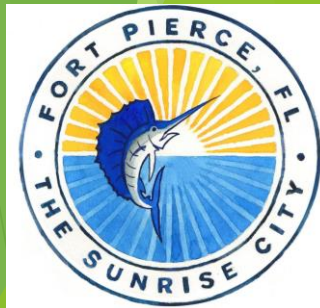
Parking Space



Aesthetics



- Multiple Colors
- Wraps
- Innovative
- Revitalize Neighborhoods
- Raise property values
- Compliment New Construction
- Powder Coated Carbon Steel
- Galvanized Steel
- Graffiti Resistant

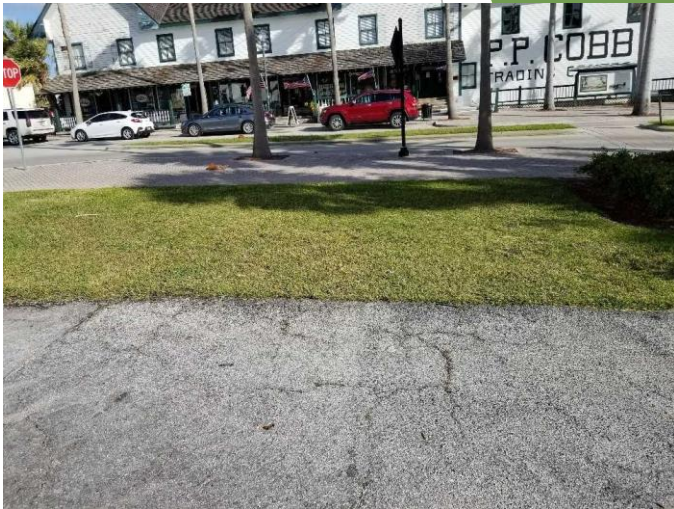


Above Ground Units



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POSSIBLE LOCATIONS DOWNTOWN



Truck Cost

- ▶ Chassis \$178,500
 - ▶ Crane \$148,261
 - ▶ Hook Lift \$43,196
 - ▶ Roll Off Compactor \$54,082
 - ▶ Technical Support \$22,000

 - ▶ Total: \$446,039
- *Total does not include assembly



CONTAINER COST



\$ 14,500.00



\$3,300.00

ANTICIPATED COST OF IMPLEMENTATION

\$800-850,000.00

ALTERNATIVES

- ▶ Build dumpster enclosures in various locations downtown.



QUESTIONS

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