



GARLAND

**ENVIRONMENTAL
WASTE SERVICES**

**2016
CAPITAL IMPROVEMENT PROGRAM**

LONNIE R. BANKS, MANAGING DIRECTOR



DISPOSAL OPERATIONS

Replacement of Landfill Equipment

2016 Project Cost: \$1,055,000
Estimated Completion Date: 9/2015
Council District: All



Replacement of 2007 CAT 836 Compactor

- Funding is requested in the amount of \$1,055,000 for the replacement of a Caterpillar Model 536 Compactor. This critical equipment is used at the Hinton Landfill to compact solid waste that is delivered to the site for disposal. In addition, the Compactor applies cover soil over the disposal area at the end of each work day as required by Texas Commission on Environmental Quality (TCEQ) regulations.

Replacement of Landfill Equipment *(Continued)*

2016 Project Cost: \$207,000
Estimated Completion Date: 9/2015
Council District: All



Replacement of 2001 4,000-Gallon Water Truck

- Funding is requested in the amount of \$139,000 for the replacement of a Water Truck. Texas Commission on Environmental Quality (TCEQ) requires Hinton Landfill to use a Water Truck to suppress dust on roadways within the site. This equipment has exceeded its useful life and is incurring excessive maintenance expenditures.



Replacement of 1995 Tractor/Mower

- Funding is requested in the amount of \$68,000 for the replacement of a 1995 model Tractor/Mower. This piece of equipment will be used to mow grass within the Hinton and Castle Drive Landfill sites.

Construction of Waste Cell #7

2016 Project Cost:	\$1,250,000
Total Project Cost:	\$3,550,000
Estimated Completion Date:	6/2017
Council District:	All



Construction of Waste Cell #7

- Funding in the amount of \$3,550,000 is requested for the engineering, design, and construction of Hinton Landfill Waste Cell #7. The current airspace of Waste Cell #6 will be consumed by March 2017. This project will include a clay and geosynthetic liner system, a leachate collection system, a groundwater under-drain, and gas monitoring probes, all of which are required by the Texas Commission on Environmental Quality (TCEQ).

Automated Truck Wheel Wash System

2016 Project Cost: \$165,000
Estimated Completion Date: 10/2016
Council District: All



Automated Truck Wheel Wash System

- Funding in the amount of \$165,000 for the purchase of a Truck Wheel Washing System to be used at the Hinton Landfill. This system is needed for cleaning wheels/tires on trucks during wet weather occurrences to prevent tracking of mud onto public roads as required by the Texas Commission on Environmental Quality (TCEQ).

SUMMARY OF DISPOSAL OPERATIONS CIP PROJECTS

Project Name	2016 CIP Impact from Actionable Projects
Replacement of Landfill Equipment: 2007 CT 836 Compactor	\$1,055,000
Replacement of Landfill Equipment: 2001 4,000-Gallon Water Truck	139,000
Replacement of Landfill Equipment: 1995 Tractor/Mower	68,000
Construction of Waste Cell #7	1,250,000
Automated Truck Wheel Wash System	165,000
Total	\$2,677,000



SERVICE DELIVERY

96-Gallon Recycling Containers - Phase 5

2016 Project Cost: \$570,000
Estimated Completion Date: 12/2016
Council District: All



96-Gallon Recycling Containers – Phase 5

- Four (4) of the six (6) implementation phases for the Single Stream Recycling Collection Program have been accomplished. Funding is requested in the amount of \$570,000 for the purchase of 10,500 Recycling Containers for the implementation of Phase 5 Single Stream Recycling Collection Program areas.

Replacement of Side-Load Refuse Trucks

2016 Project Cost: \$1,500,000
Estimated Completion Date: 12/2016
Council District: All



Side-Load Refuse Trucks

- Funding is requested in the amount of \$1,500,000 for the replacement of five (5) 2008 model Side-Load Refuse Trucks. These pieces of equipment have exceeded their useful lives and are incurring excessive maintenance expenditures.

Replacement of Recycling Truck

2016 Project Cost:	\$300,000
Estimated Completion Date:	12/2016
Council District:	All



Recycling Truck

- Funding is requested in the amount of \$300,000 for the replacement of a 2008 model Manual Loading Recycling Collection Truck that has exceeded its useful life and is incurring excessive maintenance expenditures. This truck will be replaced with an Automated Side-Loading Recycling Truck as part of Phase 5 of the Automated Collection Single Stream Recycling Program.

Replacement of Rear-Load Residential Trucks

2016 Project Cost: \$494,000
Estimated Completion Date: 12/2016
Council District: All



Rear-Load Residential Trucks

- Funding is requested in the amount of \$494,000 for the replacement of two (2) 2002 model Rear-Load Residential Trucks. These pieces of equipment have exceeded their useful lives and are incurring excessive maintenance expenditures.

Replacement of Brush and Bulky Goods Equipment

2016 Project Cost: \$171,000
Estimated Completion Date: 12/2016
Council District: All



Knuckle Boom Loader Trucks

- Funding is requested in the amount of \$171,000 for the replacement of a 2007 Knuckle Boom Truck. This equipment has exceeded its useful life and is incurring excessive maintenance expenditures.

Replacement of Brush and Bulky Goods Equipment

2016 Project Cost: \$549,000
Estimated Completion Date: 12/2016
Council District: All



Brush and Bulky Goods Trailers

- Funding is requested in the amount of \$290,000 for the replacement of one (1) 1998, one (1) 1999, and one (1) 2001 model Brush Trailers used in the Brush and Bulky Goods Collection Division. The existing trailers have exceeded their useful lives and are incurring excessive maintenance expenditures.



Brush Tractor Trucks

- Funding is requested in the amount of \$259,000 for the replacement of one (1) 2002 model and one (1) 2003 model Brush Tractor Trucks used in the Brush and Bulky Goods Collection Division. The existing trucks have exceeded their useful lives and are incurring excessive maintenance expenditures.

Replacement of Commercial Front-Load Trucks

2016 Project Cost: \$600,000
Estimated Completion Date: 12/2016
Council District: All



Commercial Front-Load Trucks

- Funding is requested in the amount of \$600,000 for the replacement of two (2) 2008 model Commercial Services Front-Load Refuse Trucks. This equipment has exceeded its useful life and is incurring excessive maintenance expenditures.

SUMMARY OF SERVICE DELIVERY CIP PROJECTS

Project Name	2016 CIP Impact from Actionable Projects
96-gallon Recycling Containers - Phase 5	\$ 570,000
Replacement of Side-Load Residential Trucks	1,500,000
Replacement of Recycling Truck	300,000
Replacement of Rear-Load Residential Trucks	494,000
Replacement of Knuckle Boom Loader Truck	171,000
Replacement of Brush Trailers	290,000
Replacement of Brush Tractor Trucks	259,000
Replacement of Commercial Front-Load Trucks	600,000
Total	\$4,184,000

QUESTIONS?



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