

Public Works Department

FY 2020 Equipment Replacement & Purchases



Council Presentation
September 8, 2020



Agenda

- Purchase of New Cold Planer (Asphalt Milling Machine)
- Replacement of Combination Sewer Jet/Vacuum Truck
- Replacement of 7 – 7 yard Dump Trucks to Tractor Trailer Transports
- Purchase of 5 New Live Bottom Trailers
- Lease-purchase of 2 – Regenerative Air Vacuum Sweepers



Cold Planner

20-0885

- Unit will be utilized in the In-house asphalt repair program
- 4'3" rotary drum that excavate 2" to 13" inches
- Smaller unit can be utilized in alleys and base and pavement repairs on arterials
- Replaces unit 4851 Rubber Tire Excavator that is 12 years old and has 7,897 hours
- Life Expectancy 10 years or 8,400 hours.





Vacuum Truck

20-887

- Unit is part of the Storm Water Inlet Cleaning Program
- Current unit is 7 years old, 10,583 Hours and is at its lifecycle expectancy & 10,000 hours of utilization
- Replaces Unit 4886





Tractor Transports

20-0927

- Replacement of 7 – 7 cy dump trucks
- Transports units will be utilized with live bottom and end dump trailers
- Increases material Transport Capacity by 73% annually without any additional personnel
- To be utilized in the Streets Asphalt Overlay Program





Live Bottom Trailers

(20-970)

- Increase transporting capacity by 73% annually
- Asphalt Insulated trailers with belt drives
- 26 cubic yard capacity or 22-24 tons of materials
- Can attach directly onto asphalt paver





Sweepers

(20-1018)

- Lease Purchase
- 2 Regenerative Air Vacuum Sweepers
- Utilized in the In-House Mill & Overlay and pavement repair program for preparation and cleanup activities
- High Rise Dump Capacity. Dumps directly into dump trucks





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Questions?
