



Big Cypress Basin Field Station



Henderson Creek Structure 2



Control room for Cocohatchee
Structure 1



Golden Gate Structure 3
(GG3)

Big Cypress Basin

Field Station Proposed 5 Year Fleet Plan

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Superintendent
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DISTRICT'S REPLACEMENT CRITERIA

Before a vehicle or piece of equipment is considered for replacement, it must meet two of the three replacement criteria:

- Age
- Miles/Hours
 - Gasoline Engine Vehicles (Sedans, SUV's, Trucks) 12 years/180,000 miles.
 - Diesel Engine Vehicles (Heavy Equipment, Trucks) 15 years/180,000 miles.
- Maintenance cost per Hour (MCPH) or Maintenance cost per Mile (MCPM)
 - MCPM & MCPH is calculated by dividing Total Maintenance Cost by Total Miles or Hours (depreciation cost is not included).

PROPOSED 5-YEAR FLEET PLAN DETAILS FY2020



EQUIPMENT	TRUCK, 18CY, DUMP, TRI AXLE
YEAR	1998
YEARS OLD	21
REPAIR COST	\$77,467.00
\$ ESTIMATE	\$169,000.00
USES	Transporting materials



EQUIPMENT	EXCAVATOR, TRACK HOE, LONG ARM
YEAR	2003
YEARS OLD	16
REPAIR COST	\$277,028.00
\$ ESTIMATE	\$290,000.00
USES	Canal maintenance, vegetation/debris removal

PROPOSED 5-YEAR FLEET PLAN DETAILS FY2021



EQUIPMENT	BULLDOZER, D4
YEAR	1994
YEARS OLD	25
REPAIR COST	\$121,389.00
\$ ESTIMATE	\$165,000.00
USES	Bank stabilization



EQUIPMENT	BACKHOE, LOADER, 4WD
YEAR	1995
YEARS OLD	26
REPAIR COST	\$48,729.00
\$ ESTIMATE	\$85,000.00
USES	Canal maintenance



EQUIPMENT	TRUCK, 1.5T, UTILITY BODY, 4WD
YEAR/MILEAGE	2000/157,505
YEARS OLD	19
REPAIR COST	\$41,582.00
\$ ESTIMATE	\$54,000.00
USES	Transport Personnel and tools

PROPOSED 5-YEAR FLEET PLAN DETAILS FY2022



EQUIPMENT	TRUCK, 14CY, DUMP, TRI AXLE
YEAR	2002
YEARS OLD	17
REPAIR COST	\$45,335.00
\$ ESTIMATE	\$70,000.00
USES	Transporting Materials



EQUIPMENT	MENZI MUCK M545X
YEAR	NEW
YEARS OLD	
REPAIR COST	
\$ ESTIMATE	\$210,000.00
USES	Aquatic vegetation/debris removal

PROPOSED 5-YEAR FLEET PLAN DETAILS FY2023



EQUIPMENT	TRUCK, 18CY, DUMP, TRI AXLE
YEAR	1998
YEARS OLD	21
REPAIR COST	\$77,467.00
\$ ESTIMATE	\$169,000.00
USES	Transporting materials

EQUIPMENT	GRADALL, EXCAVATOR, TRACKS
YEAR	2003
YEARS OLD	16
REPAIR COST	\$121,980.83
\$ ESTIMATE	\$220,000.00
USES	Access and rights of way clearing

PROPOSED 5-YEAR FLEET PLAN DETAILS FY2024



EQUIPMENT	TOWBOAT, AQUATIC WEED HARVESTER
YEAR	2012
YEARS OLD	7
REPAIR COST	\$55,795.00
\$ ESTIMATE	\$200,000.00
USES	Aquatic harvesting, debris clean up

EQUIPMENT	22 FT PONTOON BOAT, TRAILER & MOTOR
YEAR	2004
YEARS OLD	15
REPAIR COST	\$19,636.50
\$ ESTIMATE	\$28,500.00
USES	Canal inspections, canal clean-ups, and special projects

PROPOSED 5-YEAR FLEET PLAN DETAILS FY2025



EQUIPMENT	TRUCK 1/2 T PICKUP CC 4WD
YEAR	2017
YEARS OLD	8
REPAIR COST	\$2,509.00
\$ ESTIMATE	\$42,000.00
USES	Transport personnel, site monitoring and inspections



EQUIPMENT	LOADER EXCAVATOR CATERPILLAR 336
YEAR	NEW
YEARS OLD	
REPAIR COST	
\$ ESTIMATE	\$210,000.00
USES	Shoaling, bank stabilization



PROPOSED 5-YEAR FLEET PLAN

DESCRIPTION	ACQUISITION YEAR	2020	2021	2022	2023	2024	2025
BULLDOZER, D4	1994		\$165,000.00				
BACKHOE, LOADER, 4WD	1995		\$85,000.00				
TRUCK, 18CY, DUMP, TRI AXLE	1998	\$169,000.00					
TRUCK, 1.5T, UTILITY BODY, 4WD	2000		\$54,000.00				
EXCAVATOR, TRACK HOE, LONG ARM	2001	\$290,000.00					
TRUCK, 14CY, DUMP, 2WD	2002			\$70,000.00			
GRADALL, EXCAVATOR, TRACKS	2003				\$ 220,000.00		
BOAT, 22 FT, PONTOON	2004					\$16,000.00	
TRAILER, BOAT, TANDEM AXLE	2004					\$ 4,500.00	
MOTOR, OUTBOARD, 50HP	2006					\$8,000.00	
TOWBOAT, AQUATIC WEED HARVESTER	2012					\$200,000.00	
TRUCK, 1/2T, PICKUP, CC, 4WD	2017						\$42,000.00
MENZI MUCK M545X	NEW			\$210,000.00			
TRUCK, 18CY, DUMP, TRI AXLE	NEW				\$ 175,000.00		
EXCAVATOR CATERPILLAR 336	NEW						\$285,000.00
		\$ 459,000.00	\$304,000.00	\$280,000.00	\$395,000.00	\$228,500.00	\$327,000.00

Average: \$ 331,416.67



Questions