



Big Cypress Basin Field Station Operations

BCB Board Meeting January 20, 2015

BCBFS WORK ORDER TOTALS

November 2014

	All Work Orders	Non-fleet Work Orders	Fleet Work Orders
PM01 (unplanned)	5	0	5
PMPR (unplanned)	2	1	1
PM02 (planned)	30	25	5
PMPL (planned)	22	14	8
PINS (Structure Inspection Only)	3	3	0
TOTAL	62	43	19
% Unplanned	11%	2%	32%
% Planned	89%	98%	68%

December 2014

	All Work Orders	Non-fleet Work Orders	Fleet Work Orders
PM01 (unplanned)	7	1	6
PMPR (unplanned)	10	7	3
PM02 (planned)	33	28	5
PMPL (planned)	17	13	4
PINS (Structure Inspection Only)	4	4	0
CORP (Corps Report-Internal)	12	12	0
TOTAL	83	65	18
% Unplanned	20%	12%	50%
% Planned	80%	88%	50%

FLEET MAINTENANCE



Operations, Maintenance & Construction Navigation

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 - Corps Reports
 - Handy Links & Forms
 - GPS Coordinates
 - Maps
 - Newsletter
 - Emergency Management Section
- Engineering & Construction
 - Project Development Section
 - Project Management Section
 - Design Section
- Field Operations
 - North
 - Okeechobee
 - St. Cloud
 - Clewiston
 - West Palm Beach
 - South
 - Big Cypress Basin
 - Fort Lauderdale
 - Homestead
 - Miami
- Right of Way
- Hydrologic & Environmental Systems Modeling
- Infrastructure Management
 - Hydro Data Mgmt
 - Hydrologic Data Processing
 - Quality Assurance & Hydrology
 - Hydraulics & Rating Analysis
 - Streamgauging
 - Learning Center
 - Library
 - SCADA, Instrumentation & Telemetry
 - SCADA Installation & Support
 - SCADA Development
 - SCADA Design Installation
 - SCADA Operations
 - SCADA Library
 - SCADA Maintenance
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Fleet Management STAN Team

Team Info Meeting Info **SOPs**

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Section 2 – Maintenance SOPs

2.01 Fleet Maintenance

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FLEET MAINTENANCE

	Program Area:	Original Effective Date:
	Fleet	06/08/2010
	Suggested Operating Procedures: Section FT2.01.2	Revision No. 1
	Fleet Planned Maintenance (PM02)	Date: 06/08/2010
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1. Scope / Purpose

The purpose of this document is to establish a procedure for the documentation and processing of fleet planned maintenance work orders throughout the District, utilizing the SAP System. Planned maintenance is any work that must be performed within a PM (preventive maintenance) plan or work plan.

2. Definitions

- 2.1 SAP – Systems Applications and Products
- 2.2 PM – Preventative Maintenance
- 2.3 BPP – Business Process Procedure

3. Equipment / Tools / Materials Required

- 3.1 Equipment
 - 3.1.1 Computer
- 3.2 Tools
 - 3.2.1 SAP System
- 3.3 Materials
 - 3.3.1 Not identified at this time. Dependent on PM.

4. Maintenance / Replacement Timeframe

- 4.1 Not Applicable

5. Safety / Environmental Requirements

- 5.1 Not Applicable

6. Procedure

- 6.1 Work Orders:
 - 6.1.1 The System automatically generates PM work orders.
 - 6.1.2 The Service Writer/Planner Scheduler should retrieve the work orders from the Notification List-Edit. See BPP# PM79.
 - 6.1.3 The Service Writer/Planner Scheduler should schedule the work, order materials, plan capacities, and fill in Activity Tab. See BPP# PM84 and BPP# PM78.
 - 6.1.4 The Service Writer/Planner Scheduler must coordinate the vehicle service.
 - 6.1.5 The vehicle Operator should bring the vehicle to the shop for maintenance.
 - 6.1.6 The Service Writer/Planner Scheduler will release the work order. See BPP# PM84.1.
 - 6.1.7 The Planner Scheduler must print the work order and give the shop papers to the fleet mechanic. The Planner Scheduler “works the work order” (continual review of work order- additional data, data update and material update, etc.).

	Program Area:	Original Effective Date:
	Fleet	06/08/2010
	Suggested Operating Procedures: Section FT2.01.2	Revision No. 1
	Fleet Planned Maintenance (PM02)	Date: 06/08/2010
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- 6.1.8 Once work is complete, the Fleet Mechanic should sign the shop papers and return them to Service Writer/Planner Scheduler.
- 6.1.9 The Service Writer/Planner Scheduler must call for the vehicle to be picked up.
- 6.1.10 The vehicle Operator must pick up the vehicle.
- 6.1.11 The Service Writer/Planner Scheduler must technically complete the work order. See BPP# PM84.2.
- 6.1.12 The Service Writer/Planner Scheduler should create the measurement document. See BPP# PM67.
- 6.2 Work Plan:
 - 6.2.1 The Planner Scheduler must create notifications for all work budgeted in the annual work plan at the beginning of the fiscal year and create a work order from the notifications. See BPP# PM78.
 - 6.2.2 The Planner Scheduler will schedule the work, orders the materials, plan for capacities, and fill in the Activity Tab. See BPP# PM84 and BPP# PM78.
 - 6.2.3 When a work order is called the Planner Scheduler should release the work order and order the materials. See BPP# PM84.1.
 - 6.2.4 The Planner Scheduler must print work order and give them to the Crew Chief/Supervisor.
 - 6.2.5 After the work is complete the Planner Scheduler must record the activities in the notification and technically complete the work order. See BPP# PM84.2.
 - 6.2.6 The Planner Scheduler must create the measurement document. See BPP# PM67.

7. Applicable Training Requirements

- 7.1 Not Applicable

8. Records, Record Keeping and Reports

- 8.1 Work Orders
- 8.2 Notifications
- 8.3 Shop papers
- 8.4 Measurement Document
- 8.5 Annual Work Plan

9. Associated Documents / Forms

- 9.1 BPP# PM79
- 9.2 BPP# PM84
- 9.3 BPP# PM78
- 9.4 BPP# PM84.1
- 9.5 BPP# PM84.2
- 9.6 BPP# PM67

FLEET STATISTICS

Fleet Type	Amount
Trucks/Cars	21
Marine	12
Heavy Equipment/Trailers	10
Small Engine Equipment	21
TOTAL	64

FLEET WORK ORDERS



SFWM Work Order 4339864 PM Plant BCB: Big Cypress Field Str.
250 Hours or 12 Months Heavy Equipment
 Person responsible Ethan W Bates

Funct. Location SB-200-FS -FSFI -CG CANAL/LEEVEE FLEET
Equipment 10027812 TOWBOAT, 20 FT, INBOARD V1213
VIN ECSV12131090 **Inventory No.** 1213
Main Work Ctr FLT1000 **Activity Type** 44 Cg01-Berm / Lev
Planner Grp 20 BCB Fleet

Basic Start 12/08/14 **Malfunction Start** 11/26/14
Basic Finish 12/09/14 **Malfunction End**

Measuring Point 1694
Last **Current** **Date** **Taken by**
Measurement Reading 2075.00

Notes:

Op #	Cntl Key	Description	Work Center	Plant	Planned Hrs.	PRT	Resources Assigned
0010	PM01	Fleet Inspection	FLT1010	1080	2.00		
0020	PM01	Fluid and filter change, lube	FLT1010	1080	2.00		
0030	PM01	Tune up	FLT1010	1080	1.00		
0040	PM01	Change Air,Hyd.,Fuel,Trans. Filtr	FLT1010	1080	3.00		
0050	PM01	Take Oil Samples	FLT1010	1080	0.50		
0060	PM01	Change Transmission Oil	FLT1010	1080	3.00		
0070	PM01	Check Engine Performance	FLT1010	1080	1.00		
0080	PM01	Fluid and filter change, lube	CLV1020	1080	1.00		
0090	PM01	Change Air,Hyd.,Fuel,Trans. Filtr	CLV1020	1080	1.00		

Comments: _____

Signed: _____ **Date:** _____



SFWM Work Order 4337769 PM Plant BCB: Big Cypress Field Str.
Diagnose Engine
 Person responsible Ethan W Bates

Funct. Location SB-200-FS -FSFI -CK VEGETATION MANAGEMENT FLEET
Equipment 10028599 TRUCK, 3/4T, PICKUP, EC, 4WD V214
VIN 1B7KF23ZX1J208850 **Inventory No.** 2141
Main Work Ctr FLT1000 **Activity Type** 54 Ck01-Aquatic Pl
Planner Grp 20 BCB Fleet

Basic Start 10/08/14 **Malfunction Start** 10/09/14
Basic Finish 10/13/14 **Malfunction End**

Measuring Point 3706
Last **Current** **Date** **Taken by**
Measurement Reading 137711.00

Notes:

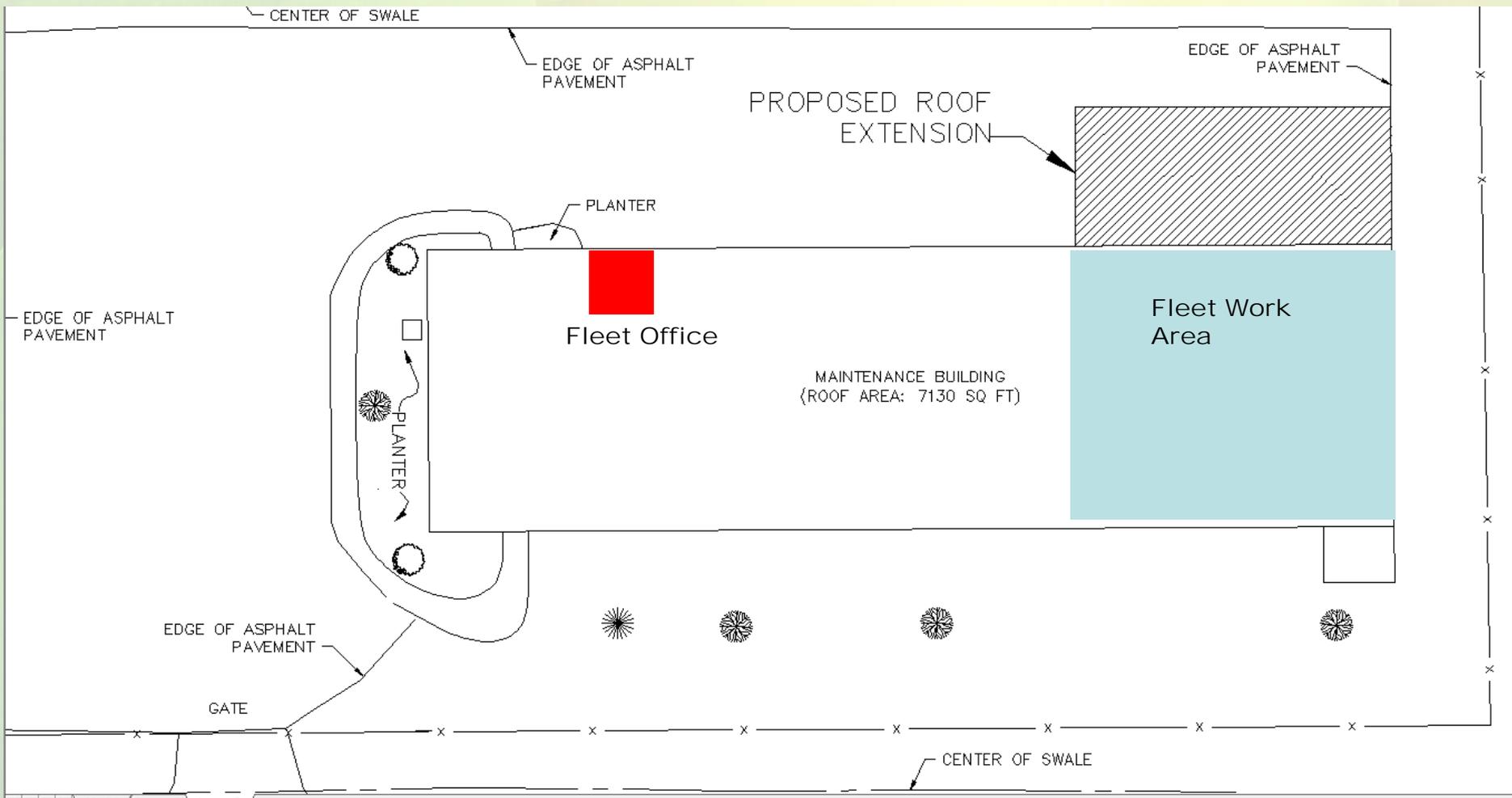
Engine does not have good throttle reponse at full throttle.

Op #	Cntl Key	Description	Work Center	Plant	Planned Hrs.	PRT	Resources Assigned
0010	PM01	Planning/Scheduling	FLT1010	1080	4.00		
0020	PM01	Travel-Remote & Various Location	FLT1010	1080	1.00		
0030	PM01	Troubleshoot	FLT1010	1080	4.00		
0040	PM01	R/R Engine Assembly	FLT1010	1080	4.00		

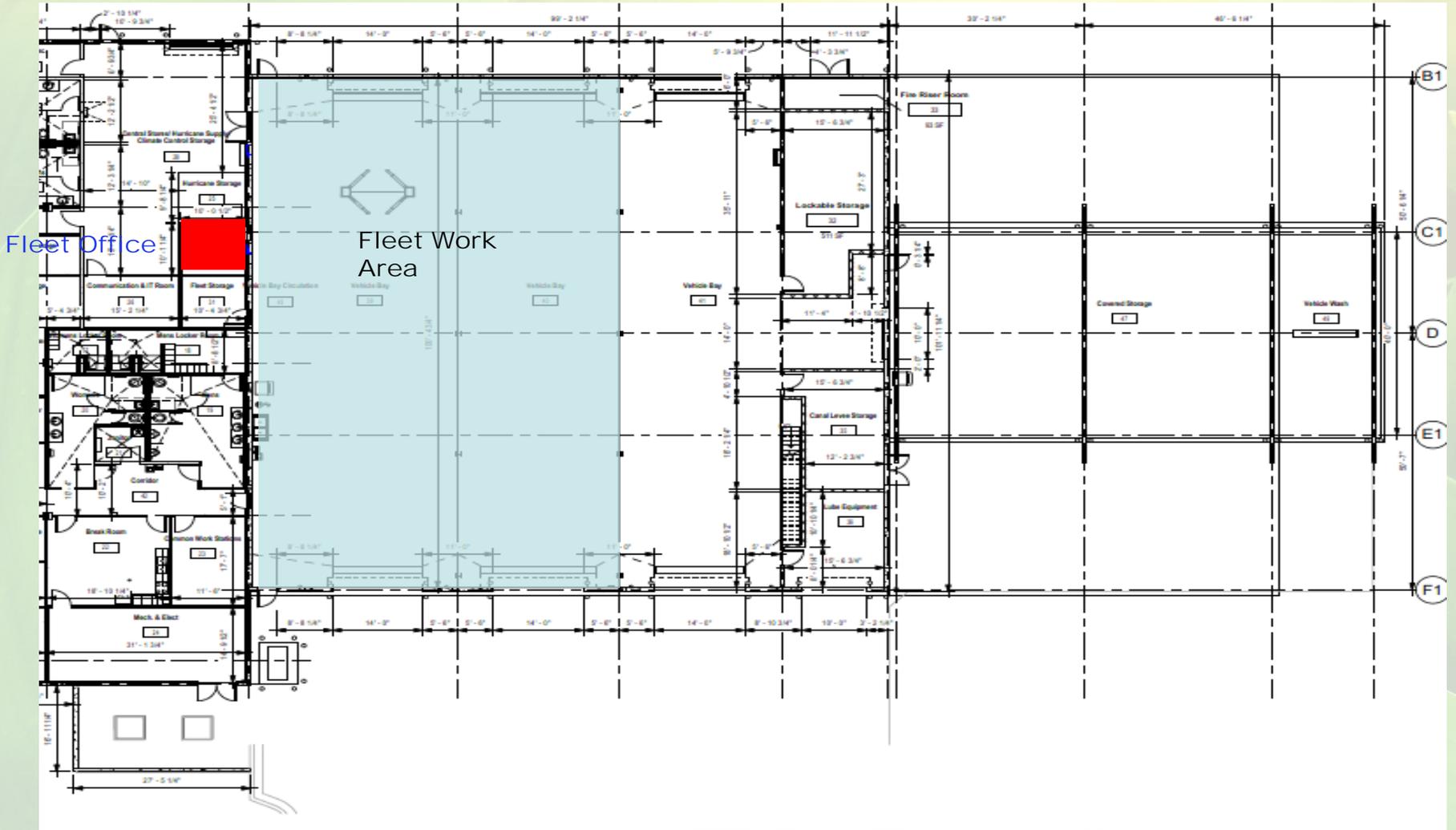
Comments: _____

Signed: _____ **Date:** _____

CURRENT FLEET MAINTENANCE AREA



NEW FLEET MAINTENANCE AREA



FLEET MAINTENANCE TASKS

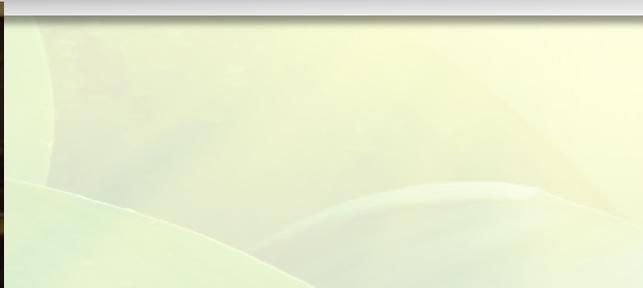
Preventative Maintenance Tasks

- Oil Changes
- Tune-Ups
- Filters
- Tires

Repair Tasks

- Brakes
- Alternators/Starters/Batteries
- Radiators
- Transmission Rebuilds
- Fabrication

FLEET TECHS IN ACTION



BCBFS UPCOMING PROJECTS

Tuffboom Installation (1/12/15 – 1/22/15)

Upstream GG #1

Upstream Airport Road South

North Property Line Grey Oaks

Merritt Pump Station

Cocohatchee #2 Mercury Switch Change Out

Electrification of Structures

Cork #1

Cork #2

951 #2



QUESTIONS?