

Facilities Construction and Maintenance



Charlotte County, Florida

Facilities Construction & Maintenance

- Maintain 2,311,449 SF (15,556 annual work orders)
 - Sheriff's Administration, Jail & EOC
 - All Libraries
 - All Charlotte County Fire Stations
 - All Parks Buildings, including the Charlotte Sports Complex
 - All Charlotte County Office Buildings
- Budget (51 Employees)
 - Operating (FY 11) \$16,200,240
 - Capital (five year)- \$56,495,000

Facilities Construction & Maintenance

Influence in five Strategic

Goals of BCC

- Public Safety
- Growth Management
- Fiscal/Financial Planning
- Quality of Life
- Efficient & Effective Government

Facilities Construction & Maintenance

Three Core Services

- Capital Project Management
- Building Repair & Maintenance
- Operations

Capital Project Management

- **Major Park & Facility Design & Construction**
Human Services Administrative Headquarters, Englewood Library Expansion, San Domingo Park, Bay Heights Boat Ramp, Cattle Dock Point Boat Ramp, Bayshore Live Oak Park Restroom, and many others
- **Ongoing Facility Renovations and Upgrades**
Remodeling Fire Stations 3 and 6, performing annual upgrades to the Charlotte Sports Park, parking expansion at Ainger Creek Boat Ramp, Family Services Center upgrades, and many others

Public Safety Facilities



Fire Station 7, located
at the Punta Gorda
Airport

Living quarters for the
firefighters



Public Safety Facilities

Emergency vehicle
maintenance facility



Mechanics can work
on 6 units within these
maintenance bays



Public Safety Facilities

Public safety building



Emergency operations
housed in the center of
the building

Community Services

Parks



Bayshore Live Oak Park



Community Services

Parks

Charlotte Sports Park



New field



Home plate entrance
into the spring training
stadium

Community Services

Parks

Carmalita Park Football
Concession



Oyster Creek
Environmental Park



Community Services

Parks

Placida Boat Ramp upgrade



South County Regional Park

Community Services

Historical Resources



After Hurricane Charley

Restored courthouse



Community Services

Historical Resources



Cookie House at the original location

Relocated to Cedar Point Park



Community Services

Historical Resources

Railroad Bunkhouse



Railroad Bunkhouse
relocated to Cape Haze
Pioneer Trail

Community Services

Libraries

Mid County Regional Library



Englewood Library expansion

Public Works



West County Mini-Transfer Station upgrade improved the process, efficiencies and increased the recycle area

Human Services



Federally funded Neighborhood Stabilization Program

Human Services

Family Services Center
upgrades



Site of the removal of
community/recreation
building



Human Services

Homeless youth shelter



Kitchen facilities in the youth home

Major Renovations

Retrofitting building with
impact & wind resistant
windows



Elevator modernization



Hurricane Recovery

East Port Operations
Building after Hurricane
Charley



New East Port
Environmental
Operations Building



Hurricane Recovery

Fire Station 12 after
Hurricane Charley



Repaired
Fire Station 12

Questions and Answers

Repair & Maintenance

Contract Management
Repair and Maintenance

Contract Management

Repair & Maintenance

- Contract Builder
- Concrete Sidewalks
- Electrical Services
- Plumbing Services
- Painting
- Grounds Maintenance/Mowing
- Fencing

Contract Management

Repair & Maintenance



Grounds maintenance

Fencing



Contract Management

Repair & Maintenance

Damaged fencing



General contractor

Contract Management

Repair & Maintenance

Electrical contractor



Concrete sidewalk
repair

Repair & Maintenance

- Murdock Administration Complex
- South County Annex
- Englewood Annex
- Justice Center
- Family Services Center
- Jail and Public Safety Complex

Repair & Maintenance

Justice Center

Checking and
balancing an air
handler



Generator maintenance

Repair & Maintenance

Justice Center



Light bulb replacements

Repairs of walls



Repair & Maintenance Jail



- Maintained by a staff of six
- Help insure the accreditation of the Jail is achieved year after year
- We like the challenge

Repair & Maintenance Jail

Over 400 doors and 900
windows, requiring 380
locking devices



Repaired detention
cell door lock

Repair & Maintenance Jail

Over 350 toilets
and 400 sinks



20 washing machines &
18 dryers

Repair & Maintenance Jail

Control Room



- Jail buildings are 470,229 SF
- Public Safety Ops & Vehicle Maintenance are 54,824 SF

Repair & Maintenance

Murdock Administration



Renovating an office

Sealing walkways to
prolong the lifecycle



Repair & Maintenance

Murdock Administration

County rents antenna
tower space



Backup power keeps
the county operational

Repair & Maintenance

Charlotte County Medical Examiner



Repair & Maintenance

East Port Environmental Campus



Repair & Maintenance

West and South County Annex



Repair & Maintenance

Heating & Air Conditioning



Checking chiller equipment

Pleated filters



Repair & Maintenance

Heating & Air Conditioning



Mid County Regional Library

Repair & Maintenance

Heating & Air Conditioning



Computer controlled
chiller system

Ice bank air
conditioning system



Repair & Maintenance

Carpentry



Replacing dugout seating

New seat boards



Repair & Maintenance

Carpentry



Building a cabinet

Restoring baseball bat boxes



Repair & Maintenance

Carpentry



Reception/security
desk being built

The finished project



Repair & Maintenance

Electrical



Removing 600 amp
service panel

Repair parking meters



Repair & Maintenance

Electrical



Repairing 480 volt light

Splicing wires in a
junction box



Repair & Maintenance

Plumbing



Plumbing repairs to water service

Questions and Answers

Operations



Administrative support
staff

Work order entry



Operations

Operator assisted calls and information for the Commissioners and the 5 Elected Officials



Operations

Manages reservations and maintenance for the County Vehicle Pool



Operations



Seasonal decorations

Operations

Murdock Administration

Lowering flag to
half-staff



Signage to help the
public navigate

Operations

Murdock Administration



Staff setting up for public meetings



Moving & rehousing staff for better efficiencies

Operations

Murdock Administration

Recycling unit for
fluorescent bulbs



Admin. Campus recycles 92
carts a month

Operations

Justice Center



Delivering parcels

Pressure washing an
air conditioning tower



Operations Security



Provides assistance
and directions

Monitors the complex



Operations Security

Justice Center



East Port Facility

Operations

Jail

Upkeep of prisoner cells involve lighting, ballasts, cleaning & climate control



Floor of Officer's area in the pod has just been painted

Questions and Answers

Contract Management

Life & Safety

- Fire Backflow Operations & Certification- 28 units
- Fire Sprinkler – 28 systems
- Elevator Maintenance & Inspections – 24 panels
- Security & Fire Alarm Monitoring – 78 Systems
- Fire Alarm Panel Inspections – 43 systems
- Generator Maintenance – 80 generators
- Fire Extinguisher Certifications & Maintenance
- Fire Pump Inspections & Maintenance – 2 systems

Contract Management

Life & Safety

Fire panel systems



Emergency generator

Contract Management

Life & Safety

Fire/Sprinkler backflow system

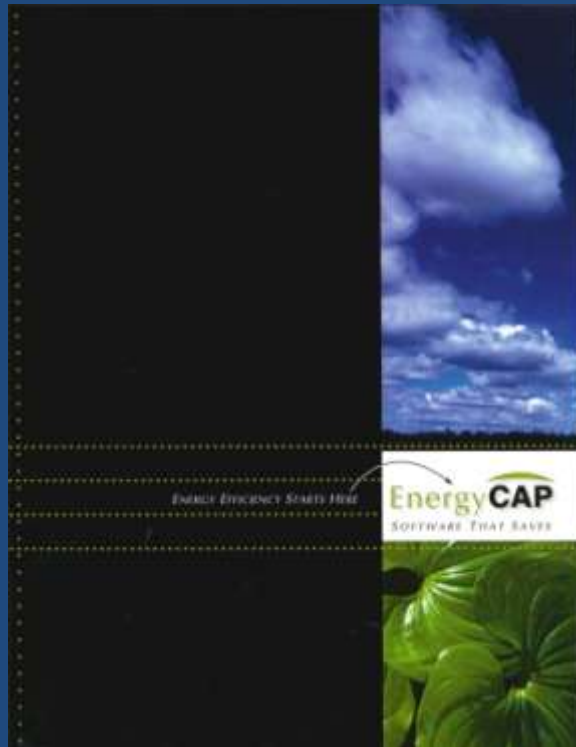


Domestic (household)
water and fire backflow
system

Operations Energy Efficiency

Energy
monitoring software

Software screenshots



Operations

Energy Efficiency

Expansion joint with old
caulking



Replaced joint materials
and caulking



Ongoing Building Retrofits

- Programmable thermostats
- Higher efficiency HVAC
- Higher efficiency lighting
- Timers on exterior lighting
- Occupancy sensors
- Improved insulations
- Window tinting

Operations

Energy Efficiency



Major Building Retrofits for 2011

The projects in this category include green sports lighting at county parks, adding solar hot water heating to most of the fire stations

Contract Management

Operations

- Courier Services
- Office/furniture moving
- Vending Machines at County facilities
- Janitorial Services

Contract Management Operations

Janitorial



Furniture moving

Questions and Answers