Tropical Storm Nicole downgraded and missed the Florida Coast the weekend of the Branch’s annual golf tournament, but our very own “Hurricane Nicole” Monahan blew in and raised almost $900 in raffle, yellow ball, and “skirt” sales from our field of over 50 golfers. We had a great day of fun, food, and fellowship, raising over $4,500 for our scholarship fund!!! A “job well done” goes out to our golf committee, and a special appreciation goes out to our golfers and sponsors.

The Branch’s Executive Committee unanimously passed a resolution in October to adopt a revised set of bylaws for the SW Florida Branch. The revised bylaws have been forwarded to the Chapter’s Executive Committee for acceptance, and then will be forwarded to National for approval. Our current bylaws were adopted in 1989 and needed to be updated to meet National’s recommended Model Branch Bylaws. Once our revised bylaws are reviewed and approved by National, our Branch will be the first in the Florida Chapter to follow National’s procedures for adopting their Model Bylaws. This milestone marks the end of a 2 year effort led by Tom Pugh. I would like to thank Tom and all other committee members that assisted in revising the bylaws.

On November 16th, the Branch celebrated its 25th anniversary at The Edison Restaurant and Bar in Ft. Myers. The weather cooperated and everyone had a wonderful time on the porch. With 45+ members in attendance, the SW FL Branch paid homage to those who took the first steps in starting the Branch including Ben Pratt, Don McKenna, Roger Nooe and Phil Boller, who attended with his wife, Patsy. Limited Edition 25-Years (continued on page 5)

Meanwhile Mike Berens from Lee County DOT and Mike Monahan from Highway Safety Devices did a demonstration inside the gym. The two Mikes showed 230 K-4 through 3rd graders how and when to safely cross at a crosswalk. Each student was then given a fluorescent slap on bracelet to wear when out walking or riding their bike. Thanks to all the Community Helpers who participated!
Get Involved With Your Branch

The Southwest Florida Branch of APWA has opportunities for you to get involved. Election of Branch officers will take place at the April 2011 monthly branch meeting. So why not get involved in your professional association, APWA Southwest Florida Branch. For more information, contact any one of the executive committee members listed above and attend the next executive board meeting.

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Get out your calendars and mark these “can’t miss” dates.

December 11, 2010 @ 8:30 a.m. — Adopt-A-Road Cleanup Day (Daniels Parkway from Cross Creek to Freshman Lane)

January 6, 2011 @ 7:30 a.m. — SW FL Branch Mtg (French Connection Restaurant in Ft. Myers).

Speaker: Dist. 74 Rep. Gary Aubuchon

February 3, 11 @ 7:30 a.m. — SW FL Branch Mtg (FSCJ Campus).

February 12, 11—Adopt-A-Road Cleanup Day (Daniels Parkway from Cross Creek to Freshman Lane)

February 25-26, 11—FL Ch. Exec. Committee Mtg in Daytona Beach.

And still more... ➤

March 3, 11 @ 7:30 a.m. — SW FL Branch Mtg (French Connection Restaurant in Ft. Myers).

Speaker: Doug Meyer, Lee County Public Works Director

April 7, 11 — Location and time TBD.

April 18-22, 11—FL Ch. Annual Meeting & Trade Show at the Ocean Center in Daytona Beach

May 15-21, 11—National Public Works Week

Watch for updates on events... more to come!
APWA Southwest Florida Branch Celebrates 25 Years

Photos by Joan Keeney

The Branch is approximately one-half through the administrative year and will soon be scheduling speakers for next year’s meetings. The Executive Committee is seeking input from all members about potential topics, speakers, and meeting locations. Let us know what you like and what you would like to see changed. Also, we are seeking input on ideas for additional community service and professional development programs that would benefit our members.

Please forward suggestions to Tracy Quintana @ tquintana@ci.punta-gorda.fl.us. The Executive Committee is committed to serving the Branch’s members, but we need your participation and input to succeed. Remember, this is YOUR AWPA.
EMPLOYMENT OPPORTUNITIES

Lee County Department of Human Resources is announced recruitment for the Director of the Public Works Department of Transportation and the Division Director of Utilities has formally begun. Resumes/applications will be accepted until December 31, 2010. For more information and to view both postings, visit the Lee County website at http://agency.governmentjobs.com/leecounty/default.cfm. If you have any questions, contact Dylan Drake at 239-533-2005 or by email at draked@leegov.com. The job postings have also been posted to the Florida Chapter website and a link is provided by clicking on EMPLOYMENT.
CHAIRMAN’S MESSAGE (continued from page 1)

Anniversary pins were given to those that attended to commemorate this special event. If you would like to receive a pin, please attend a meeting where I will be handing them out. A big thank you to our event sponsors, Wilbur Smith & Associates and Greeley-Hansen. Their support made this enjoyable evening possible.

Finally, I would like to welcome all new members that have joined APWA this past quarter. Feel free to contact me with any questions about APWA or with any suggestions about Branch activities. I encourage all new members become active in the Branch as a committee member or officer. Opportunities also exist to participate on the Chapter and National levels. I look forward to hearing from you soon!

Have a safe and happy holiday. And remember...YOU are THE APWA!

Santa Barbara Boulevard Widening Project

- Last summer, crews began constructing the lanes on the east side of Santa Barbara Boulevard from S.W. 8th Street to S.E. 11th Terrace and from Veterans Parkway to S.W. 28th. These sections of Santa Barbara Boulevard will receive their final layer of asphalt before the end of this year, allowing the opening of all travel lanes in these areas.

- Upon the completion of this roadway work, crews will mobilize and begin to widen the west side of Santa Barbara Boulevard from S.E. 12th Terrace to S.W. 21st Street. The road construction work will move from north to south on the west side of the road in this phase. The east side of Santa Barbara Boulevard will remain open for two-way traffic. Motorists are reminded left turns from side streets onto Santa Barbara Boulevard are not permitted during construction. This restriction is in place to keep motorists and construction crews safe while traveling through the construction area.

- Other improvements along Santa Barbara Boulevard are taking place in the area of Cape Coral High School, where an additional left turn lane onto westbound S.W. 24th Street was constructed to accommodate the northbound traffic flow in the area. Currently, crews are working along the median of Santa Barbara Boulevard from S.E. 21st Street to S.E. 24th Street.

- Improvements along Santa Barbara Boulevard from just south of S.R. 78 / Pine Island Road to Gleason Parkway will include widening the road from four to six lanes, the installation of curbs and gutters, street lighting, landscaping, six-foot sidewalks and new traffic signals. Work will continue into the new year with an anticipated completion of spring 2011.

For more information about the City of Cape Coral Roadway Improvement projects, please contact Maricelle Venegas, Public Information Specialist at 239-707-9050 or visit us at www.capecoraltransportation.com.
Planning Today For a Better Tomorrow
Fiscal Responsibility for Public Facilities

Jeffrey A. Wilson, P.E.
Regional Manager
Weston & Sampson, Inc.

Across much of the United States, public infrastructure is literally coming apart at the seams. Thanks to the enormous, pent-up demand for funds related to infrastructure, as well as the ever-worsening economy, municipalities are aggressively cutting costs related to infrastructure projects. Unfortunately, because of a misguided focus on initial capital costs, many communities are guaranteeing the infrastructure crisis will not only remain with us for generations to come, but will increase in time at an even greater rate.

The unavoidable reality that many decision-makers may not recognize is that higher life-cycle costs are a direct result when initial capital budgets for design and construction are sliced to the bare bone. While the end product may meet “minimum standards”, often times the overall quality may be sacrificed, which can lead to the new facility:

- Degrading at a more rapid pace
- Requiring more energy resulting in higher operating costs.
- Having a much shorter life expectancy.

Life-cycle cost analysis is a method for assessing the total cost of facility ownership. It takes into account all costs of acquiring, owning, and disposing of a building or building system. This analysis is especially useful when project alternatives that fulfill the same performance requirements, but differ with respect to initial costs and operating costs, have to be compared in order to select the one that maximizes net savings. For example, life-cycle cost analysis will help determine whether the incorporation of a high performance ventilation system, which may increase initial cost but result in dramatically reduced operating and maintenance costs, is cost-effective or not.

When done properly, Life Cycle Cost Analysis will evaluate building components that have a bearing on energy use and resource efficiency, including but not limited to:

- building envelope
- HVAC systems
- heat recovery systems
- motors and drives
- variable air volume systems
- cooling towers
- lighting
- controls
- some sustainable building materials

Life cycle cost analysis is particularly suitable for the evaluation of building design alternatives that satisfy a required level of building performance but may have different initial investment costs, different operating and maintenance and repair costs, and possibly different lives. This process provides a significantly better assessment of the long-term cost-effectiveness of a project than alternative economic methods that focus only on the initial construction cost.
Did you know.....?

→ The 2010 Fall newsletter is ready for your reading pleasure. Just click on the link provided and ENJOY! [APWA FL CH FALL 2010 NEWSLETTER]

→ The 2011 Congress will be held in Denver, Colorado at the Colorado Convention Center. For more information, visit http://apwa.net.

→ The APWA Florida Chapter Public Works Institute (PWI) at IRSC offers existing or aspiring supervisors, crew leaders and managers an opportunity to obtain a leadership role within their business, governmental agency, educational institution and nonprofit community.

→ The 2011 Annual Meeting & Trade Show for the FL Chapter will be in Daytona Beach April 18-22, 2011. Watch for opportunities to sponsor an event, sign up for the trade show and register to attend.

→ If you are interested in helping on a committee of the SW FL Branch, contact any officer for more information.

Del Prado Boulevard Widening Project

Last summer, crews began construction on the west side of Del Prado Boulevard from just south of Diplomat Parkway to N.E. 9th Terrace. Travel lanes on the west side of the road are closed to motorists, reducing northbound and southbound traffic to one lane only in each direction. As part of this road work, the following side streets at N.E. 11th Terrace, N.E. 11th Street, N.E. 10th Street and N.E. 9th Street to the west of Del Prado Boulevard have been closed. Temporary access at N.E. 9th Terrace west of Del Prado Boulevard is open to local traffic as crews construct a new road opening at N.E. 10th Lane. Motorists are advised that left turns from side streets and business driveways onto Del Prado Boulevard are not permitted during this phase of construction. As an alternate route, northbound and southbound motorists wanting to access Del Prado Boulevard between Diplomat Parkway and State Road 78 / Pine Island Road are encouraged to use Andalusia Boulevard. Future landscaping is planned in this area which will include various types of trees and bushes ranging from royal and sable palms, laurel and live oaks, jasmine, society garlic and fire crackers.

Last month, the Project Team opened the new southbound lanes on Del Prado Boulevard, from Kismet Parkway to Diplomat Parkway, to motorists once the final layer of asphalt was applied. In addition, pedestrians and bicyclists have been enjoying the 10’ multi-use paths in this completed section of the project. Currently, the project is on schedule and the project team plans to move south along Del Prado Boulevard and begin improvements of the State Road 78 / Pine Island Road intersection.

Del Prado Boulevard is being widened from four to six lanes, resurfaced and realigned at the S.R. 78 / Pine Island Road intersection. Other improvements along this 2.3 mile stretch of Del Prado Boulevard include the widening of two bridges, building three off-site bridges, street lighting, new traffic signals, curb, storm drainage, landscaping and 10-foot-wide multi-use paths. This widening project has an anticipated completion date of summer 2011.

For more information about the City of Cape Coral Roadway Improvement projects, please contact Maricelle Venegas, Public Information Specialist at 239-707-9050 or visit us at www.capecoraltransportation.com.
Once again our annual golf tournament went off with great success! A lot of time and effort was put forth by the golf committee to make this event successful so that the Branch could continue awarding scholarships to deserving applicants. The tournament was held on October 1 at the Eagle Ridge Golf Club in Fort Myers. A big thank you to the staff at Eagle Ridge who were very accommodating and easy to coordinate with! The weather was nearly perfect for the 14 teams who participated and the adult sodas were stocked and kept cold for the participants. On the course, for a little added fun, the orange ball game was played in which each team was given one orange ball that had to be played from each shot location. Only two teams ended the day still in possession of their orange ball and a drawing revealed the Avalon Engineering team as the winner of the $100 Blue Martini gift certificate for their efforts. It is to be noted that there may have been some wheeling and dealing on the course for additional orange balls though! An additional opportunity was presented to each team on Hole 11 where a monetary contribution could be made to hit from the lady’s tees which were 110 yards ahead of the men’s. Nicole Monahan and Tracey Quintana were responsible for negotiating with the golfers for the proceeds of this hole’s opportunity. Nearly all teams took the bait and pitched in an additional $235 for the cause! After the golfing festivities were concluded, Eagle Ridge allowed APWA to cater the event - buffet style with chicken, ribs and pulled pork along with assorted sides and cookies for desert in which were all outstanding! Fully Involved BBQ provided this at an excellent price and even showed up prior to the golfers to have the aroma infiltrate the course throughout the afternoon. While everyone was finishing up their meals and whining about how many balls were lost the numerous raffle items were awarded.

In conclusion to the event after all expenses were paid, our branch raised $4,500+ that will go to scholarships for the upcoming year. We would like to thank all that were involved and who participated and congratulate the winners, as well as give a special thanks to the sponsors and raffle donators below. Please take a moment to review them.

1st Place – Balfour Beatty Construction
2nd Place – Avalon Engineering
3rd Place – TR Transportation, Exceptional Engineering & Target Builders

Hole/Tee Sponsors:
Roadway Management, Inc. Hole Montes, Inc. TR Transportation
TYLin International Morris-Depew Source, Inc.
Balfour Beatty Construction Greeley and Hansen Weston & Sampson
Avalon Engineering Johnson Engineering Stevens & Layton
Otto Environmental Systems

Raffle & Misc. Donations:
Waste Pro Joe’s Crab Shack
FGCU Athletes Eager Beaver
Holiday Inn (FMB) Shell Point Golf Club
The Golf Shop Aquatica
Gator Lanes Hooters
Chili’s Blue Martini
Lumpy’s Golf The Dunes
Veolia Leroy Selman’s
Old Corkscrew Golf Course
French Connection Restaurant

Southwest Florida Branch Newsletter
The Lee County Solid Waste Division (LCSW) has recently completed an $8 million dollar retrofit to the existing Materials Recycling Facility (MRF). This conversion allows residents of Lee County to mix containers (bottles and cans) with fiber products (paper, newspaper, cardboard) in their recycling containers. The effect of commingling recycling is a decreased number of recycling trucks on the road, collection cost savings, and most importantly an increased recycling material volume and participation. Two of the County’s franchise collection service areas and the City of Cape Coral are also being upgraded to a 64 gallon wheeled container for recycling.

In celebration of this milestone project, the Solid Waste Division is hosting an Open House at the facility at 10500 Buckingham Rd., Ft Myers on November 20th from 10am to 2pm. This Open House will include tours of the Solid Waste campus which includes the Waste-to-Energy Facility, Transfer Station, and Horticulture waste operations as well as a live action look into the new MRF facility operations.

Making 1+1=0

As often happens in the waste business, discarded materials offer opportunity. Whether pop cans, auto fluff, foundry sand or even sewage sludge, waste materials can become a resource given the right economics and application. The Lee County Solid Waste Division recognized this opportunity with the ongoing receipt of biosolids at its landfill from the Lee County Utilities Division. LCSW permitted and developed a Residuals Management Facility to treat biosolids and vegetative waste using composting practices to produce a quality, stable material for use at the landfill as final cover and for consumer sales to public and commercial interests. The composting process uses two waste materials and closes the resource loop by returning both to the environment safely to enhance the ecological cycle.

The process started over two years ago as the Division recognized a potential need for enhanced biosolids disposal. The FDEP was revising rules for land application of biosolids that would eventually make land application increasingly costly and difficult. With the assistance of Jones Edmonds and Associates, consulting engineers, the County began the design and permitting phase. A permit for the facility was received in May of 2009 with construction ground-breaking shortly after. The facility consists of two paved areas; a 5 acre active composting area and a 3-1/2 acre curing area. The active composting area includes six 120’ x 166’ single span fabric covered structures. The intent of the covered areas is to prevent leachate generation during rainy season and to protect from sun and wind in the dry season. This is crucial as the composting material must maintain a temperature greater than 131 deg F for a minimum of 15 continuous days. Both drying out and excess moisture can retard the natural biological process and result in stagnant piles that lose heat and must be disposed or reprocessed.

After 15 days of monitored, documented treatment, the piles are transferred to the curing pad for further processing. Throughout the process the piles are “turned” with a straddle-type windrow turner to reintroduce oxygen, allow moisture addition and to “fluff” the pile which provides porosity for air movement. This equipment was sourced during the project and can process a windrow that is 16 feet wide by 8 feet high. Often piles will rise to greater than 160 degree F and must be turned immediately to keep the piles from “cooking out”. Additionally, the process is aerobic, in that it consumes oxygen. When oxygen levels are too low, the piles can become anaerobic, or starved of oxygen, and produce odors. Turning the piles helps maintain the ideal window of moisture, temperature and oxygen for the biological process. The process is complete after roughly 60 days and the product is used as is or screened for bagging and distribution. The material is marketed as “OrganicLee Compost™”.

OrganicLee Compost™ is available in bulk at the WTE Campus on Buckingham Rd for $20/cy and in bags at the Household Chemical Waste Facility on Topaz Ave. off of Metro Blvd. for $2 per bag (1 cu. ft.). Reduced rates and delivery are available for large projects. Consider OrganicLee Compost™ for your next project when seeding or sodding disturbed project areas, improving erosion control or enhancing problem growing areas. When establishing planting areas, place 1” to 2” of OrganicLee Compost™ over the area and till into the existing soils to a depth of 4”-6” and seed and sod as normal. OrganicLee Compost™ provides effective moisture retention, supplies organic matter to encourage root growth for quick turf establishment, and provides low levels of slow release nutrients. Contact the Solid Waste Division at (239) 533-8000 for more information and product availability (to view photos, continue to page 10).
Single Stream Recycling (continued from page 9)

Single span fabric covered buildings at the compost facility

“Turning” piles with straddle-type windrow turner

New single stream processing equipment
(right portion of picture)

New single stream processing equipment
APWA—Your Comprehensive Public Works Resource

Get your first year of individual APWA membership at half price!

Any employee or official of a governmental agency, manufacturer, supplier, contractor, or consulting firm who is actively engaged in the field of public works and has not previously been an APWA national association member is eligible for the First-Time Member Special Offer. The special offer is also available for adding first-time members to your existing group’s roster or starting a new group membership. And for those in Canada, you have a membership in both the American Public Works Association and the Canadian Public Works Association.

**Individual membership $70 US ($76 CN)**

*for your first year*
(regularly $141 US/$152 CN)

Group pricing is also available.

Join today and take advantage of this first-time member special offer!

This offer is limited to first-time members only. Offer expires December 31. Local chapter membership is included. Chapter dues, where applicable, will be in addition to the First-Time Member Special Offer fee.

What can you do with an APWA membership?

- Tap into the knowledge and experience of more than 29,000 people in public works/infrastructure
- Get connections to hundreds of corporations that provide products or services for public works
- Receive topnotch educational opportunities—online and live training is available—discounted for members
- Earn CEUs or PDHs
- Get member-only pricing on purchases of industry-related books, videos, public outreach tools, and other materials
- Discover the best practices in the public works industry through personal certification programs and accreditation programs for public agencies

APWA members handle infrastructure-related issues in:

- Construction Management
- Emergency Management
- Engineering and Technology
- Facilities
- Fleet Services
- Grounds and Urban Forestry
- Leadership and Management
- Solid Waste
- Sustainability
- Transportation (streets/roads, bridges, signage, and transit)
- Utility and Public Right-of-Way
- Water (potable, stormwater, and wastewater)
- Winter Maintenance

For more information visit www.apwa.net/membership or call 800-848-APWA or e-mail membership@apwa.net.
APWA's Calendar of Events

APWA's 2011 International Public Works Congress and Exposition
Denver, CO, Sept 18-21, 2011

APWA's 2011 North American Snow Conference Spokane, WA, April 10 - 13

APWA's 2011 Sustainability in Public Works Conference
Portland, OR, June 27 - 29

Dec. 16, 2010 ADA – Project Civic Access — It May be headed your way
Audio/Web Broadcast

Dec. 21, 2010 REBROADCAST – Lessons Learned From Extreme Weather Events
Audio/Web Broadcast

Jan. 4, 2011 REBROADCAST – Weather Reports – Where To Get Them and How To Use Them
Audio/Web Broadcast

Jan. 11, 2011 REBROADCAST: Electric Vehicles and Plug-In Networks — Are You Ready?
Audio/Web Broadcast

Audio/Web Broadcast

Audio/Web Broadcast

Audio/Web Broadcast

Audio/Web Broadcast

Audio/Web Broadcast

Audio/Web Broadcast

Jan. 27, 2011 Pavement Preservation
Audio/Web Broadcast