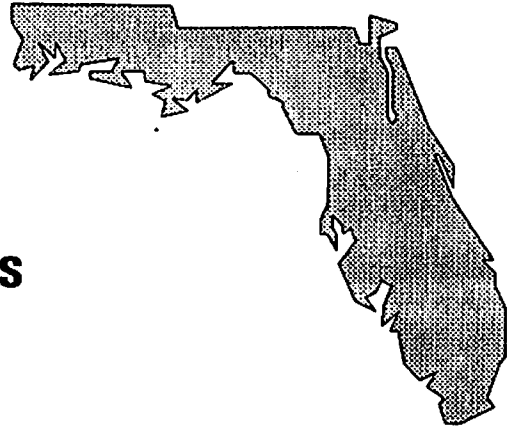


Established 1932



Florida Utilities Coordinating Committee

Coordination Through Cooperation

**MEETING MINUTES
MAY 3, 1996
STUART, FLORIDA**

Chairman Arlene Brown-McGee called the quarterly meeting of the Florida Utilities Coordinating Committee to order at 8:30 A.M. with 111 representatives/members in attendance. Mr. Rob Hudack offered the invocation and pledge to the Flag. Chairman Brown-McGee introduced the FUCC Officers, welcomed five new first time participants, recognized the local and district group officers/representatives and then called for self introductions by the attendees.

SECRETARY'S REPORT - Hamid Zahir for John Jernigan

The minutes from the February 2nd meeting in Orlando were accepted as written. The early registration will be effective for both Thursday and Friday workshops, interest groups and meetings. The one time \$20.00 registration fee is to cover the cost incurred in putting the conference together and does not cover any meals refreshments.

HISTORIAN'S REPORT - Tom Duggar

FIFTY YEARS AGO - May 10, 1946 - WINTER PARK, FLORIDA
OFFICERS: CHAIRMAN - B.N. DARLINGTON, PENINSULAR TEL. COMPANY
VICE CHAIRMAN - NO RECORD OF WHO THIS WAS
SECRETARY - J.G.SPARKMAN, SUMTER ELECTRIC COOPERATIVE

ATTENDANCE: TELEPHONE 8, POWER 8, RAILROAD 1, RAILROAD COMMISSION 1, STATE ROAD DEPT.2, 20 MEMBERS

A letter was read in which an engineer of the state road department, suggested to his division engineers the manner in which they should cooperate with their right of way engineers and the wire users to promote a more understanding and a more workable plan of adjusting pole lines and other utilities during highway construction work

There was much discussion on different coordination problems.

Peninsular Telephone Company was going through a most unusual ordeal of intermittent noise out near the Coronet Phosphate Plant and that these surges practically rendered the lines unfit for use. Upon investigation, it was found that a 100 HP pump had been placed very close to the telephone toll line and the noise coincided with the starting cycle of the motor and was picking up by induction from the power source through the 2300 volt line that was just 18 inches from the toll line (I assume this was an open wire lead)

Chairman
Arlene Brown McGee
(813) 228-4674

Vice-Chairman
Hamid Zahir
(904) 632-6068

Secretary
John V. Jernigan
(813) 664-6161

Historian
Tom Duggar
(813) 599-1543

TWENTY FIVE YEARS AGO: MAY 7, 1971, RAMADA INN, FT. MYERS, FL

ATTENDANCE: TELEPHONE 13, POWER 13, GAS 2, D.O.T. 6, COUNTY 1, CONSULTANT 1, CITY 3, CATV 1, A TOTAL OF 48

**CHAIRMAN - BOB CORN, FLORIDA GAS TRANS. COMPANY
VICE CHAIRMAN - LARRY HOUSE, J.E. GREINER COMPANY
SECRETARY - KEN BROWN, TAMPA ELECTRIC COMPANY**

Mr. Verne Brown reported that the utility relocation agreement subcommittee met with DOT and outlined all of the charges agreed to at the meeting. Verne read a letter from the DOT expressing appreciation for the cooperation and assistance of the subcommittee in reaching such close agreement on the utility relocation agreement. A motion was made that the committee adopt the subcommittee's recommendation. Much discussion followed and the vote was recorded 8 in favor and 7 against adoption of the agreement form. A motion was made by Glen Cock that the committee continue to work with the DOT in an effort to change the objectional wording to a degree that would be acceptable to all utilities.

TREASURER'S REPORT- Hamid Zahir reported the current funds totaled \$1841.52 as of May 1, 1996.

CHAIRMAN ARLENE McGee thanked the three sponsors who supported the conferences: TAMPA BAY ENGINEERING, TEL-COM SALES & PLEDGERS, INC.

GUEST SPEAKER - Project Director, Eugene Skoropowski, provided a presentation on the Florida Overland eXpress, now known as FOX. (A partnership between Fluor Daniel, a California engineering company; Odebrecht Contractors of Florida, a Miami-based heavy construction company; GEC Alsthom, a Anglo/French locomotive manufacturer; and Quebec-based Bombardier, the largest North American supplier of rail cars.) Revenue services between Orlando and Tampa begins in 2003 with a full Miami-Orlando-Tampa system completed by 2005 via a French designed TGV high speed electric rail locomotives and train sets which travel at scheduled speeds of 200 mph. Travel times from Tampa to Orlando will be 37 minutes and one hour and 25 minutes from the Orlando airport to the Miami airport. Fares for coach class will be \$22. Tampa to Orlando; \$54 Orlando to Miami; and \$65, Tampa to Miami. Projected ridership by the year 2010 is 6.4 million passengers. Weaknesses include no direct access to downtown Miami, Fort Lauderdale, Orlando or St. Petersburg, though the company promises to provide convenient bus and limo connections. The project has high start-up costs compared to other rail proposals and a long wait until the start of service. Strengths include a proven technology that has become hugely popular in France, capturing significant market share from airlines and earning operational profits. The proposed route has no highway grade crossing and will not be shared with slower freight trains.

FLORIDA DEPARTMENT OF TRANSPORTATION UPDATE - Jim Weeks

Jim Weeks - State Utility Engineer provided update on the FDOT Design Conference, the Task Team, and briefly spoke on the draft of the Utility Accommodation Manual.

GUEST SPEAKER

Bill Deyo - State Highway Engineer was introduced and proceeded to publicly thank Jim Weeks and his staff for their effort in working with the utility community and industry Coordination. The Work Program will top one billion dollars in construction contracts for the first time this year and this will shift the FDOT to a rehabilitation mode were more utility adjustments will be necessary in the future. He stated that we must document the way we do business to defend the decisions made on projects thereby delivering a quality product to the public.

The FDOT Series 600 has been signed and sealed by the FDOT Design Professional Engineer and utility companies are exempt unless significant changes or alterations are made to the MOD design. A legal proviso will be distributed from the FDOT legal lead counsel within the next few weeks to provide a more through explanation on the position of signing and sealing requirements.

QUESTIONS ADDRESSED:

RRR Issues: Expenses, Variances, Exceptions and site specific accident data
Structures: Definition of " other structures" besides bridges and towers.
Corridors: Longitudinal encroachment on Limited Access Facilities.
Clear Zone: Clear zone will not be designed outside of the right-of-way. Design feature will be modified if a road is transformed and the recovery area is changed.
Bill Deyo concluded by requesting the continuation of the Partnering approach to a busy work program schedule.

FDOT DISTRICT REPORTS -

DISTRICT I - Jerrold Whitt

Spring meeting was held March 13, 1996 at City of Palmetto Golf Club with approximately 85 in attendance. Speaker on traffic safety, smart cars, and the latest technology on identifying utility topography. District Secretary David May spoke on utility construction delays and solutions to those types of problems. The fall meeting will be held on September 11th with speakers and location to be announced at a later date.

District II - Vince Camp

Meeting was held in Lake City on April 25, 1996 at I - 75 and US 90 Holiday Inn with 40 attendance. Topics included a review of the Telecommunications Act by the Alltel President, local utility group meeting updates, DUE reports on 24 month letting list with the utilities section going to a 30% utility pre design meeting on multi - lane projects, district SUE contract success and update on permits processing.

DISTRICT III - No report submitted

DISTRICT IV - Rocky DePrimo

District IV continues to mail out the monthly productions and letting status report and has begun a training session for utility companies. Their staff will be assisted in completing the (new form) utility relocation schedules and how to read FDOT construction plans to avoid conflicts. The next training session will be May 13, 1996 in West Palm Beach.

DISTRICT V - Richard W. Taylor

Our last meeting was held in January with approximately 140 in attendance at the Altamonte Springs Hilton Hotel. The next meeting will be about mid July at the same location with guest speakers and topics pending. We offer training on Department practices usually at each session. We encourage active audience participation with everyone leaving full of great food and with tons of material to take to their respective companies.

DISTRICT VI - Jim McGetrick

Next meeting is tentatively scheduled for July in Miami at the Rusty Pelican.

DISTRICT VII - Kim Wiley

The most recent District Liaison conference was held March 15th at the Plantation Inn in Crystal River, Citrus County. The keynote speaker, Bob Crane, represented Floridians for Better Transportation. Jim Haynie provided a Turnpike update and Jim Weeks provided a Central Office review. Each of the districts four local county groups spoke briefly on the programs going on in their respective areas. The upcoming Liaison conference will be in September in the Tampa Bay area. District VII has seen a very aggressive design program over the last couple of years, now it's time for all those designs projects to go to construction. The next Liaison conference tentative speaker will be District Construction Engineer Mike Irwin who will lead discussion on JPA contracts and their administration at the local-construction office level.

TURNPIKE DISTRICT - Jim Haynie

Polk County Parkway has five sections under contract with four more to go. Jim Haynie is chairing a Turnpike Utilities Task Team to develop the capability to produce aerial photographs showing the location of existing utilities owned by the Turnpike. This data base will be available via PC to any department personnel working on a turnpike project. The team meets for half a day once a month in the Pompano Operations Center at the Pompano Service Plaza. The URS-PDE consultant for the Turnpike is developing GIS/GPS capability for CADD use. The Turnpike and/or District 5 will be contacting utilities on Seminole County ExpressWay II, from Highway 17/92 in Sanford to I - 4 north of Lake Mary. There are still some decisions to be made as to which district will handle these contracts.

INTEREST GROUPS REPORT

POWER - Mark Sweet for Max Wallace

With 24 members in attendance the discussion items included the May 1996 draft of the Utility Accommodation Manual, FDOT RRR issue update, FDOT signing/sealing issue update, FDOT Maintenance of Traffic requirements and a review of the Telecommunications Reform Act of 1996. The group recommended that the FUCC provide a formal, written response to FDOT Utility Engineer Jim Weeks indicating concurrence with most of the proposed UAM draft. Remaining areas of concern are (1) FDOT MOT requirements; (2) FDOT utility permit requirements for mid-span poles in existing permitted pole lines which do not meet FDOT RRR horizontal clearance requirements; (3) FDOT requirements for placement of utility poles outside of applicable clearance requirements, to the edge of the right-of-way, thereby creating future utility tree trimming problems with adjacent property owners; and (4) any new requirement for UAO'S to submit separate landscape plans for new utility construction or maintenance in area with existing landscape plans. The Power Interest Group recommended that these concerns be further articulated and presented to Jim Weeks as soon as possible in an effort to negotiate revision of the proposed UAM, prior to FDOT Executive review and formal rule making. The Power Interest Group also commended Jim Weeks for his work with the Utility Task Team and the FUCC.

TELECOMMUNICATIONS - Betsy Becker

The meeting started with a discussion of a reminder of the common bonds within this group and the forum is designed as a way and means of bringing up and discussing common interests and concerns among company representative. A brief update on the Strategic Planning committee and setting definitive goals for the FUCC. Earl Christain Bell South provided an update on the CADD workshop and a request of all utilities to determine how many layers they actually needed for their information. John Farkas outlined the BellSouth electric permitting process he has developed with Dade County and the expected savings over paper. Bob Mewes - GTE highlighted the UAM draft concerns, pole placements, set backs and MOT plates. John Faras stated the industry understands that safety is an important issue but it needs to be prioritized. It seems like resurfacing is triggering the pole moved not safety. Leslie Klinger-Sprint mention that the local railroads are hiking up the price of permit applications and Sprint is looking for alternative solutions. Thirty representatives were in attendance.

UNDERGROUND - Rob Hudack for Mike Farmer

Fifteen members in attendance prompted the following discussions:

(1) CADD - Discussed controversy between microstation vs autocad with the need for both systems to be transparent. On one hand the FDOT is encouraging JPA, but on the other they will only accept a disc. Utilities who have autocad cannot budget for microstation and vice versa. Training cost for microstation are \$1000 per person with autocad at approximately \$35. Committee found out that there is existing software developed and available by FDOT for translation according to Bill Deyo.

(2) UAM - Chapter 10 Section 10.9 "OUT OF SERVICE FACILITIES" prompted a heated discussion and resulted in a recommendation to strike out "other utility conflicts". The group stated it was unfair to allow the District Maintenance Engineer to have one utility physically remove their facility in order to accommodate another utilities new facilities in the same location.

(3) **UTILITY PERMIT** - Application under 3.2.1 was well received and suggested that all DUE's reference specific 600 series index without attaching additional paperback to the permit. This will save time , effort and paper.

(4) **DAMAGE CLAIMS TASK TEAM** - The group welcomed the efforts of the new damage claims task team which will address non permitted excavations by subcontractors , landscapers , irrigation , fence and nursery contractors , which have increased in utility damage claims.

SUBCOMMITTEE REPORTS:

UAM/STANDARD REVIEW , Dennis LaBelle

No written report.

JOINT USE , Bill Hetherington

No written report.

ONE CALL ORGANIZATION , Dan Buol

No written report.

FDOT PAY ITEMS , Carlos Solis

No written report

UTILITY NETWORKING , Tom Kennedy

No written report

FDOT PAY ITEMS , Carlos Solis

No written report

MOT PLATES , Hamid Zahir

No written report

CONFERENCE PLANNING , Betsy Becker

No written report

STRATEGIC PLANNING , Stan Nurnberger (Carmon Guffy for Stan)

Updated the Steering Committee on the progress toward a strategic plan and, thanks to Dennis LaBelle, made several recommendations that were approved for immediate action.

- Establish a standing committee for Membership and Promotion of the FUCC to increase an broaded participation in FUCC meeting and subcommittee work.
(chairman needs to be selected)
- Develop and maintain a mailing list for all officers of local and district UCC's .
- Develop a promotional flyer for FUCC.
Publish and distribute a FUCC quarterly newsletter. The newsletter will, tell what FUCC is, editorialize on issues of concern for the FUCC, report on the status of issues, provide the name and phone numbers of officers an subcommittee chairs, details of the next FUCC meeting, how to join FUCC.
- John Jernigan will publish the first newsletter.

STEERING, Hamid Zahir Chairman

(1) M&T Consultants' Inc., our current conference planners, reported on the next meeting's plan and accommodations at the Eden Roc in Miami.

(2) The FUCC now has a checking and savings account. (\$1841.51 as of May 1, 1996)

(3) Sunshine One Call offered the FUCC the use of their Orlando location as a place for storage of files and a permanent mailing address. Carlos Solis will check with the One Call Board of Directories and Arlene McGee will draft a thank you letter.

(4) Betsy Becker will monitor the distribution of bid packages to be sent out to potential conference planners. The successful firm will plan for six meetings starting May 97 and ending August 98. The November 96 and February 97 meeting will be handled by a different conference planning contractor.

(5) A motion was made and seconded for Betsy Becker to Chair the Conference Planning Sub Committee previously chaired by Ray Afield. Her duties will include the supervision and direction of the conference planning contractor.

(6) The subcommittee recommended that early registration become a practice and should start on Thursday before the first scheduled workshops or Interest Group meetings.

(7) Based on recommendations from the Strategic Planning Committee, the subcommittee established a standing Membership/Promotions subcommittee to enhance current and future membership recruitment. (Volunteers are needed !).

(8) The subcommittee recommended the publishing of a quarterly newsletter to be distributed to District/Local Utility Coördinating groups.
Secretary John Jernigan volunteered to draft the first two newsletters from information derived from the meetings minutes

The meeting was adjourned at 12:00 noon.

Respectfully,

John V. Jernigan



U.S. Department
of Transportation

Federal Highway
Administration

Research and Development

Course Announcement 95-4

SUBJECT: 14128 - Highway/Utility Coordination Issues

The Federal Highway Administration (FHWA), through the National Highway Institute (NHI) and in cooperation with the Office of Engineering, is announcing the availability of this course which will be presented by instructors from the University of Alabama.

PARTICIPANTS: This course is designed for personnel from Federal, State, and local agencies and from public/private utility companies who are responsible for highway/utility coordination matters.

PREREQUISITES: Individuals attending this course should have experience in highway/utility coordination matters.

COURSE DESCRIPTION: This ~~5-day course~~ provides training in efficiently using crowded rights-of-way for both highway and utility purposes. The course will cover such topics as; Historical Perspectives; Planning & Coordination; Design; Permits; Information Management; Mapping; Notification; Legal Issues; Safety; Construction; Maintenance; and Reimbursement. This course is based on Highway/Utility Guide (FHWA-SA-93-049) June 1993.

OBJECTIVES: Upon completion of the course the participants should be able to:

1. Understand good practices for efficiently using crowded highway right-of way.
2. Incorporate these good practices into daily activities.
3. Foster cooperative efforts between highway and utility organizations.

NUMBER OF PARTICIPANTS: Maximum class size is 40 participants. Up to 15 percent of this number shall be reserved for FHWA employees to attend without charge. The remaining number should be reserved, about equally, for State and local highway agency employees and utility organization employees. The sponsoring agency should coordinate with the FHWA Division Office to determine

National Highway Institute

HIGHWAY/UTILITY COORDINATION ISSUES

JULY 16-18, 1996

**ORLANDO, FL
HOLIDAY INN
5905 KIRKMAN ROAD
407.351.3333**

\$79.00 Room Rate
Mention T¹ to receive this rate

AGENDA

DAY ONE

- 8:30 Registration
- 9:00 Welcome
- 9:30 History Perspective
- 10:00 Break
- 10:15 Planning & Coordination
- 11:45 LUNCH (included)
- 12:45 Design
- 2:15 Break
- 2:30 Design (cont'd)
- 4:00 Adjourn

DAY TWO

- 8:00 Check-in
- 8:15 Permits
- 9:15 Information Management
& Mapping
- 10:15 Break
- 10:30 Notification
- 11:30 Legal Issues
- 12:30 LUNCH (included)
- 1:30 Legal Issues (cont'd)
- 2:30 Break
- 2:45 Safety
- 4:30 Adjourn

DAY THREE

- 8:00 Check-in
- 8:15 Safety (cont'd)
- 10:30 Break
- 10:45 Construction
- 12:15 LUNCH (included)
- 1:15 Maintenance
- 2:15 Relocation
Reimbursement
- 3:13 Break
- 3:30 Relocation
Reimbursement
- 4:30 Course Evaluation
& Certificates

REGISTRATION

Advanced registration accepted by mail or fax with an approved Purchase Order. Written cancellations accepted up to 10 working days prior to workshop. \$25.00 processing fee retained, substitutions are allowed, failure to attend does not constitute cancellation. In case of workshop cancellation, we are not responsible for non-refundable travel fares or lodging deposit.

Please mail or fax registration to:

Linda K. Floyd
Technology Transfer Center
512 Weil Hall
Post Office Box 116585
Gainesville, FL 32611-6585
T¹F.E.I.D.# 59-6002052
352.392.0378 or
SUNCOM 622.0378
Fax: 352.392.3224

FEE \$200.00

Make checks payable to:
University of Florida

REGISTRATION FORM

Please register me:

LOCATION AND WORKSHOP #
 July 16-18, 1996 Orlando #7056

NAME _____

AGENCY _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

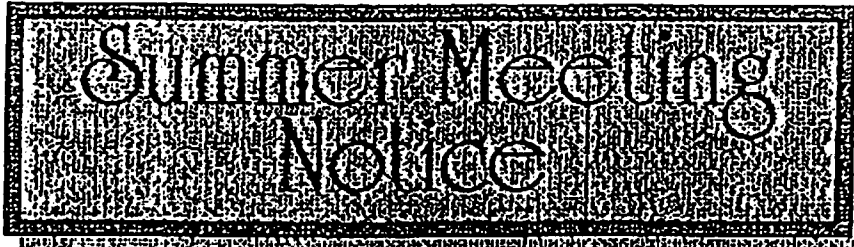
PHONE _____ FAX _____

_____ \$200.00/person without CEUs

_____ \$207.00/person requesting CEUs

*NOTE: Name as you want it to appear on workshop
INCLUDE WORKSHOP # ON CHECK or PURCHASE ORDER

Florida Utilities Coordinating Committee



August 7-9, 1996

Eden Roc Resort

4525 Collins Avenue
Miami Beach, Florida

Room Rate \$85.00

Single or double occupancy

Register by July 13, 1996

1-800-327-8337 or 1-800-531-0000

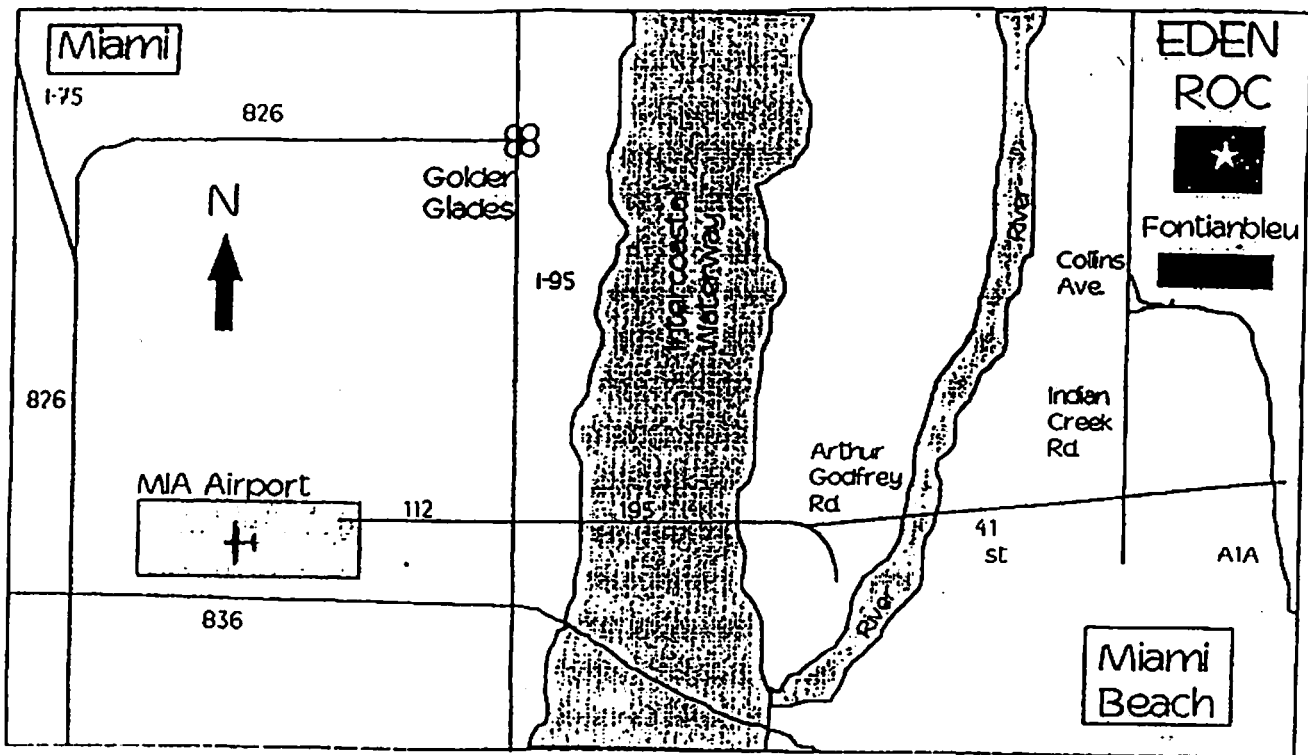
Note: Be sure to reference the FUCC meeting when making Reservations

For information regarding meeting space or special requests
Contact Margie La Belle, Conference Planner, 1-305-279-4239.

Directions to Eden Roc

4525 Collins Avenue

1-800-327-8337



To get to 195 from :

• From Miami International Airport:

Take the Beaches/State Road 112 East Exit. Continue going east on 112, (pay .25 toll) it becomes 195.

• Fort Lauderdale Airport

Depart from terminal and follow the signs for 595 West. Go 3 miles on 595. Exit right onto I-95 South. Follow I-95 South for 20.4 miles. Exit left onto 195 East/Miami Beaches.

Once On 195 :

Travel for 4.2 miles until you reach Miami Beach. Bear left onto Arthur Godfrey Rd., which turns into 41 st. On 41 st stay left. After crossing bridge, turn left onto Indian Creek Drive. Indian Creek turns into Collins at the Fontainbleu Hotel. The Eden Roc is beside and immediately north of the Fontainbleu Hotel.

NAME	COMPANY	ADDR1	ADDR2	PHONE
Afeld, Ray	Tampa Bay Engineering	6484 28 Terrace North	St. Petersburg, FL 33710	(813) 345-6817
Aldridge, Tom C.	Florida D.O.T. (Final Est.)	313 Starmount Dr.	Tallahassee, FL 32399-0450	(904) 488-7711
Andrews, Charles H.	P.B.S. & J (F.D.O.T.)	314 North Calhoun Street	Tallahassee, FL 32301	(904) 224-7275
Arline, Joe	City of Bartow	P.O. BOX 1069	Bartow, FL 33830	(941) 534-0139
Ash, Janice Sands PE	Ash Environmental Engr. Inc.	4905 S. Westshore Blvd.	Tampa, FL 33611	(813) 835-0700
Bartlett, Sue	Pinellas County-Highway	22211 US Hwy 19 N	Clearwater, FL 34625	(813) 464-8900
Becker, Betsy	Worldwide Fiber Optics	1980 N Atlantic Av Suite 316	Cocoa Beach, FL 32931	(407) 799-4545
Black, Dennis	Time Warner	11500 Ninth St N	St Petersburg, FL 33716	(813) 576-4123
Boggs, Scott	City of St Petersburg	P O Box 2842	St Petersburg, FL 33731	(813) 893-7851
Bouza, Jorge	Peoples Gas Systems	16101 W Dixie Hwy	North Miami Beach, FL 33160-5000	
Bowlin, Henry	Sprint	P O Box 165000, MC 5337	Altamonte Springs, FL 32716	(407) 889-6778
Butler, Gary	GTE Florida Incorporated	120 E Lime St., MCFLK3014	Lakeland, FL 33801	(941) 688-5357
Cabarga, E. D.	FDOT	5151 Adanson St 202	Orlando, FL 32804	(407) 623-1210
Camp, Vince	FDOT- Dist II Utility Engr	1901 S Marion St	Lake City, FL 32024	(904) 758-3732
Carr, Reginald	Sprint	P O Box 370 MC 1514	Fort Myers, FL 33902	(941) 336-2006
Crum, David	FPSC	2540 Shumard Osk Blvd	Tallahassee, FL 32399-0868	(904) 413-6697
Childs, Walt	FDOT	801 N. Broadway	Bartow, FL 33830	(941) 519-2533
Chiocca, Len	FP&L	430 Business Pwy	Royal Palm Beach 3341	(407) 790-5032
Christian, Earl	Bell South	301 W. Bay St. RM 6KK1	Jacksonville, FL 32202	(904) 350-3554
Clark, Rick	Tel Com Sales	14502 N Dale Mabry #200	Tampa, FL 33618	(813) 960-9010
Cook, Dale	FDOT	605 Suwannee St. MS52	Tallahassee, FL 32301	
Crum, Dave	F.P.S.C.	2540 Shumard Oak Blvd.	Tallahassee, FL 32399-0868	
Dasher, A.B.	FP&L	18455 NE 2ND Av	Miami, FL 33179	(305) 770-7929
Dees, Buddy	Tampa Bay Engineering	1255 E. Baya Ave	Lake City, FL 32025	(904) 755-2626
Davis, Glenn	F.D.O.T.	3601 Oleander Ave	Ft. Pierce FL 34782	(407) 465-7396
DePrimo, Rocky	FDOT	3400 West Commerical Blvd	Ft Lauderdale, FL 33309	(305) 77-4125
Duggar, Thomas	Sprint	P O Box 2214	Tallahassee, FL 32316	(904) 599-1543
Eastering, Charles	Orlando Utilities Comm	P O Box 3193	Orlando, FL 32802	
Farmer, Mike	Peoples Gas System	P O Box 2562	Tampa, FL 33601	(813) 272-0042
Field, Steve	Tel Com Sales, Inc	14502 N Dale Mabry	Tampa, FL 33618	(813) 960-9010
Garcia, Eduardo	FP&L	P O Box 14000, TLE-JB	Juno Beach, FL 33408	(407) 694-4760
Gilmore, Art	FPC	2501 25 Street No., SP13	St Petersburg, FL 33713	(813) 893-0255
Gonzalez, Sam P.E.	Tumpike Permits	P O Box 9828	Pompano Beach, FL 33310	(954) 975-4855
Gordon, Jay K.	Bellsouth	Rt. 4 Box 32	Callahan, FL 32011	(404) 713-3959
Grech, Anthony	O.U.C.	6003 Pershing Av	Orlando, FL 32822	(407) 384-4100

Guffey, Carmen	Sprint	40 John Sims Pkwy	Valoaraiso, FL 32580	(904) 664-3757
			Guffey C @ UTEFLA.COM	
Hall, David	Sprint	P O Box 165000, MC 5344	Altamonte Springs, FL	(407) 899-6813
			32716-5000	
Hayes, Mike	Accurate Locating	7190 S E Federal # 1	Stuart, FL 33455	(407) 781-1030
Haynie, James M.	Turnpike District	1211 Governors Square Blvd	Tallahassee, FL 32301	(904) 488-4671
Hudack, Robert	Peoples Gas System, Inc	1400 Channelside Dr	Tampa, FL 33605	(813) 272-1558
Jackson, Willie	Sprint	P O Box 370 MC 1514	Ft Myers, FL 33902	(941) 336-2034
James, Greg	City of Lakeland,	501 E. Lemon St. MC A40	Lakeland, FL	(941) 499-6493
Jenkins, Ralph	Palm Bay Utility Corp	1105 Troutman Blvd	Palm Bay, FL 32935	(407) 952-3410
Jernigan, John	GTE Florida Inc	8800 Adamo Drive,	Tampa, FL 33619-3599	(813) 664-6161
Jones, Bill	FPC	P O Box 250, MO13	Monticello, FL 32345	(904)997-0516
Kelley, Larry	FDOT	9105 Oakfair Dr	Tally, FL 32311	
Kennedy, Tom	FPC	100 Highland Ave. N.E.	Largo, FL 34640	(813) 562-5628
Klinger, Leslie	Sprint	P O Box 165000 MC5209	Altamonte Springs, FL	(407) 88901399
		Suite 314	32716-5000	
Kuhlman, David	FPL	P O Box 8248	Ft. Lauderdale, FL 33340	(954) 321-2157
La Belle, Dennis	Tampa Bay Engineering	1001 W. Cypress Creek Rd	Ft. Lauderdale, FL 33309	(954) 938-4540
		Suite #200		
Libertucci Joe	Volt	1655 Palm Bch Lks Blvd #510	West Palm Beach, FL 33409	(407) 640-6291
Looney, Kent	Sprint	P O Box 610	Ocala, FL 34478	(352) 368-8771
Lowry, James L.	TBE Inc.	378 Whooping Loop Suite1272	Altamonte Springs, FL 32701	(407) 339-6277
Lucas, Tom	PGS	1565 State Street	Sarasota, FL 34236	(941) 366-4277
Maddox, George	GTE Florida Inc	10402 North 56th St.	Temple Terrace, FL 33617	(813) 9897913
Maples, Burt	AT&T	1340 N.W. 40th Ave	Ft. Lauderdale, FL 33313	(954) 980-1451
Mauldin, Carl	Southern Engineering	1800 Peachtree St	Atlanta, GA 30367	(404) 352-9200
May, Robert C.	FDOT-Turnpike	P O Box 593527	Orlando, FL 32859-3527	
McGee, Arlene	TECO	P O Box 111	Tampa, FL 33601	(813) 228-8744 b74
McGetrick, Jim	FDOT-Dist VI	1000 N W 111 Av	Miami, FL 3312	(305) 470-5231
McLaughlin, Steve	Pledger, Inc	12848 S.E. Suzanne Dr.	Hobe Sound, FL 33410	(407) 546-4848
	Directional Boring			
Mc Niff, Brian	Sprint	1101 E. Donegan Ave.	Kissimmee, FL 34744	(407) 847-1724
McQueen, Bob	Able Communication Svcs, Inc	5424 N. 56th St	Tampa, FL 33601	(813) 246-4211
McSween, Gerry	FDOT	3601 Oleander Ave	Ft Pierce, FL 34982	(407) 465-7396
Mewes, Robert	GTE Florida Inc	5631 26th St. W.	Bradenton, FL 34207	(941) 952-5689
Mills, Terry	FPC	2166 Palmetto St. CW-13	Clearwater, FL 34624	(813) 562-5663
Murphy, John A.	GAI Consultants Southeast	201 E. Pine Street Suite 200	Orlando, FL 32801	(407) 423-8398

Nicely, David	Volt Information Sciences	1655 Palm Beach Lakes Blvd. # 510	West Palm Beach, FL 33401	(407) 640-6291
Nocera, Vince	FPL	14159 SR 7	Delray Beach, FL 33446	(407) 495-7609
Numberger, Stan	Gulf Power Co	P O Box 1151	Pensacola, FL 32520	(904) 444-6096
Oval, Mark D.	Tampa Water Dept	306 E. Jackson St.	Tampa, FL 33602	(813) 274-7103
Pellico, David	FL Public Utilities	401 S Dixie Hwy	West Palm Bch, FL 33451	(407) 838-1752
Pearson, Richard	Sprint	P O Box 153000	Altamonte Springs, FL	(407) 830-3319
Pittman, Thomas B.	COT Gas Utility	2602 Jackson Bluff	Tallahassee, FL 32304	(904) 891-5118
Primiano, Carol	FP&L	500 Business Parkway	Royal Palm Bch, FL 33411	
Reyburn, Ray	Pinellas Cty Land Dev/ Permit	440 Court St. 4th Floor	Clearwater, FL 34616	(813) 464-3655
Roark, Ron	Sailfish Point POA	2201 S.E. Sailfish Point Blvd.	Stuart, FL 34996	(407) 225-1000
Ruiz, Marcia	FPL	18455 N E 2nd Ave	N. Miami Beach, FL 33179	(305) 770-7937
Scagliola, Jay	Accurate Locating	7190 SE Federal # 1	Stuart, FL 33455	(407) 781-1030
Scarborough, Mark	GRV Electric	P O Box 147117 A-128	Gainesville, FL 32614-7117	(352) 334-3400 X1546
Schneider, David M.	City of Jacksonville Engr. Div.	220 East Bay Street, Rm 901	Jacksonville, FL 32202	(904) 630-1349
Schofield, Don	Gulf Power Co	500 Bayfront Pkwy	Pensacola, FL 32501	(904) 444-6555
Shell, Mike	Sprint	P O Box 770339	Winter Gardens, FL	(407) 877-5344
Shumbera, Ed	St Cloud Electric Utility	2901 17th Street	St Cloud, FL 34769	
Siener, F.T.	Brevard County Water	2725 St Johns St	Melbourne, FL 32940	(407) 633-2088
	Resources			
Sievers, Bob	Peoples Gas	111 Madison St	Tampa, FL 33601	(813) 272-0049
Sikes, Doug	FDOT	605 Suwannee St. MS # 32	Tallahassee, FL 32303	(904) 487-1949
Slack, Ken	FP&L	P O Box 1119	Sarasota, FL 34230-1119	(941) 379-7231
Sloane, John	Clay Electric Co-op, Inc	P O Box 329	Keystone Heights, FL 32656	(904) 473-8000
Smith, J. Michael	TECO	P O Box 111	Tampa, FL 33601	(813) 228-4704
Solis, Carlos	Pinellas County Utilities	14 S Ft Harrison Ave	Clearwater, FL 34616	(813) 464-3588
Stephenson, Bruce	FP&L	3000 Spruce Creek Rd	Port Orange, FL 32119	
Sutton, Mike	TICS	410 W Chapman Rd	Lutz, FL 33549	
Sweet, Mark	FPC	P O Box 14042, MAC H2J	St Petersburg, FL 33733	(813) 866-4207
Terrana, Craig	FP&L	P O Box 14000 TLE/JB	Juon Beach, FL 33408	(407) 694-4722
Touchton, Acy	Pinellas Cnty Hwy Dept	22211 U.S. Hwy 19 N.	Clearwater, FL 34625	(813) 464-8900
Twitchell, Rick	Sprint	4195 Kings Highway	Port Charlotte, FL 33980	(941) 637-5144
Unger, Dietmar	Turnpike	P O Box 593527	Orlando, FL 32859	(407) 855-7328
Walden, Sharon	Adelphia Cable	4305 Vineland Rd, #G2	Orlando, FL 32811	(407) 422-3961
Webber, Hank	Able Communications	4524 N. 56th Street	Tampa, FL 33610	(813) 246-4211
	Services Inc			
Weeks, Jim	FDOT-Central Office-Utilities	605 Suwannee Street	Tallahassee, FL 32399	

Date: May 3, 1996

FUCC ATTENDANCE LIST

Location: STUART, FLORIDA

Whaley, Brian	Sprint	P O Box 490048 MC 3022	Leesburg FL 34748-0048	(352)326-1599
Whitt, Jerrold	FDOT	P O Box 1249	Bartow, FL 338301-1249	(941) 519-2534
Wiley, Kimberly	FDOT	11201 McKinley Dr MS 7-820	Tampa, FL 34620	(813) 975-6153
Williams, Gregory	FDOT	605 Suwannee MC #32	Tallahassee, FL 32399-0450	
Witt, Charlotte	Brevard Co Public Works	2725 St Johns St Bldg A	Viera, FL 32940	(407) 633-2078
Wright, Jim	Tampa Bay Engineering	1001 W Cypress Creek Rd	Fl Laudredale, FL 33309	(954) 938-9389
Zahir, Hamid	Jacksonville Electric Authority	21 West Church, T-4	Jacksonville, FL 32202	(904) 632-6068
Zembillas, Nick	Tampa Bay Engineering	18167 US 19 N Suite 550	Clearwater, FL 34624	(813) 531-3505