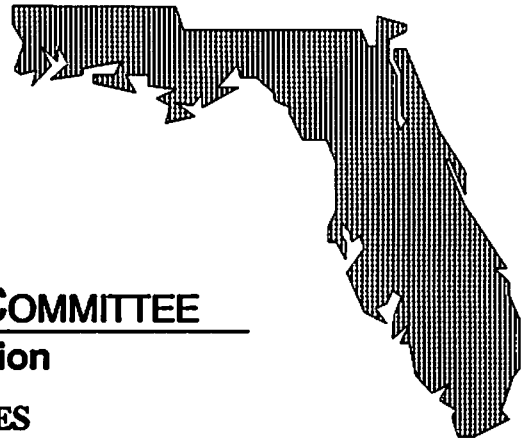


Established 1932



## **FLORIDA UTILITIES COORDINATING COMMITTEE**

**Coordination Through Cooperation**

**MEETING MINUTES  
NOVEMBER 5, 1993  
OCALA, FLORIDA**

The Fall meeting of the Florida Utilities Coordinating Committee was called to order at 8:30 a.m. by Chairman Dennis Black with 103 in attendance.

Larry Claxon offered the invocation and pledge to the Flag.

Chairman Black called for self introductions by the attendees.

### **SECRETARY'S REPORT - Arlene Brown McGee**

Chairman Black asked if there were any corrections to the minutes of the Summer Meeting held in Jupiter Beach on August 6, 1993. There were none and a motion was made to accept the minutes as written and wave their reading. The motion was seconded and passed.

### **HISTORIAN'S REPORT - Tom Duggar**

**FIFTY YEARS AGO - November 12, 1943 - Seminole Hotel, Jacksonville - 22 members. Officers: Chairman R.S. Davis - Florida Power and Light, Vice Chairman J.C. Buckles - City Manager Kissimmee and Secretary B.N. Darlington - Peninsular Telephone Company.**

**New Business: Chairman Davis asked the committee for the benefits received or given by the "Get Together" of the representatives. A member expressed the good done by the efforts of this committee and spoke for continued efforts and expansion of the membership. The personal contacts of the members of various utilities brought about an understanding that could not be obtained any other way. Another member spoke of difficult jobs that were made easier by the close cooperation of its members.**

**TWENTY FIVE YEARS AGO - November 1, 1968 - Sarasota Motor Hotel, Sarasota - 42 members. Telephone 11, Power 18, Gas 5, D.O.T. 4, Cities 2, Consultants 1 and PSC 1. Chairman G.A. Reed - Clay Electric Cooperative, Vice Chairman Bob Corn - Florida Gas Transmission Company and Secretary Verne Brown - General Telephone Company.**

Ernest Salley reported on the present status of the States Accommodation Policy. The maintenance department is reviewing the proposal and are currently working on encasement requirements and pavement cutting specifications. Detailed specifications for compaction and

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**Historian**  
Tom Duggar  
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density tests added to the policy. Earliest possible date for the policy is January 1969. A discussion followed that the committee should have an opportunity to review the policy before its adoption. A motion was passed that the chairman would send a letter to the State Road Department Highway Engineer reminding him of his assurance that the committee would have this opportunity.

The Random Lay Subcommittee reported that a test would start in November taking into account, telephone induction, coordination and safety.

The subcommittee investigating a National Standard for Utility Color Coding had a preliminary guide that the members were requested to review and advise if their company would approve using it. Ernest Salley suggested that if the FUCC could agree on the color code identification it would be enclosed in the Utility Section plans of State Road Department Projects.

Stanley "Words of Wisdom" Warth was bestowed the honor as the committee's first historian.

#### **TREASURER'S REPORT - Dave Hall**

Balance as of August 6, 1993	\$2113.82
Receipts:	
August 6, 1993 - Meeting Registration	\$1020.00
Expenditures - Visual Aids	\$ 292.56
Ending balance as of November 5, 1993	\$2841.26

Chairman Black thanked Jerry Sasser and the FDOT District VII staff, Steve Tidwell and Bob Clemens, for the excellent Plans Reading Course presented in the Combined Interest Group Meeting.

#### **FDOT UPDATE - Jerry Sasser**

The Electronic CADD Standards meeting held recently had 150 people in attendance. Please return the questionnaire of your company's CADD or computer equipment set-up to Jerry as soon as possible. By mid-fiscal year 1994-1995, a trial period for the handling of electronic permits should begin.

FDOT uses State Plane Coordinates on all their projects and they also want utilities to use them when placing new utilities. Intergraph systems with microstation software is being used by the DOT and everything submitted to them should be in that format. In late 1994, all permits on projects in the 5 Year Work Program should be using XYZ coordinates for underground utilities and XY coordinates for overhead. All FDOT projects are tied to State Plane Coordinates. If the DOT project is using metric, then all permits will have to be submitted in metrics. Metrics will be used in all correspondence by 1996.

FDOT is in the process of having meetings on the Utility Accommodation Manual draft in Tallahassee. The committee covered the first 29 pages of the 94 draft which is using metric.

Underground contractors have problems with the Utility Accommodation Manual so FDOT will be meeting with them. The Utility Accommodation Manual Subcommittee should be finishing up in late 1993.

The FDOT is getting complaints from the public on stormwater erosion control. Utilities need to start using erosion control plans. Also, there are many complaints on the patches in the roads by utilities that do not last 2 years. FDOT is tightening up on utilities for those repairs.

A User Manual is being developed with examples and standards for the DOT and utility's use. It is approximately 90% complete. If any utilities have good examples, please submit to Jerry for possible use in the manual. Seven (7) manuals are needed for a utility to do business on the FDOT rights-of-way. They are as follows: M114-(CADD Roadway Standards Manual 1992), M115-(CADD/Auto User's Handbook Supplement to Roadway Standards Manual), M164-(Roadway & Traffic Design Standards 1992), M167-(Standard Specs for Road & Bridge Construction 1991), the Utility Accommodation Manual and for JPA projects - M108-(Basis of Estimates 1993) and M151-(Plans Preparation Manual/Design Manual 1988 with 1992 updates). CD ROM (7 manuals on it) should be available for approximately \$34 in the future.

Utility Master Agreements should be available for the subcommittee to look at in a month. Master Agreements are for everything utilities do in the right-of-way. The Master Agreement by DOT is completed and will be mailed to everyone already on file. There were approximately 100 agreements but they have consolidated down to about 20. Everyone (city, county and private utilities) will be using the same agreement.

The new Lump Sum agreement is for \$100,000. This agreement will need a detailed estimate up front. When payment request is submitted you will need to furnish actual costs. The DOT will be randomly auditing (during a 3 year period) reimbursable projects.

## **PROGRAM**

Chairman Black introduced Stephen Smitherman, Research Biologist at the University of Florida. Stephen received his B.S. degree in Wildlife Ecology from the UF in 1988. He worked in the 1992 Kestral season for the project. The title of the program was: "The Nest Box program for Management of the Southeast Kestral in Florida". The slide program and details were interesting for the membership.

## **BUSINESS SECTION**

Thanks to our sponsors that help reduce the cost of the morning break: GTE and Sprint/United Telephone. Also, a big thanks to the sponsors of the Bar-B-Que Thursday night: Carlon, Sealand Construction, Tri-Duct Corporation, Ditch Witch, Underground Services, United Fiberglass and Tampa Bay Engineering. A special thanks to Nick Zembillas of TBE for coordinating the well received Bar-B-Que and raffle.

## **FDOT DISTRICT REPORTS**

District I - Dan Buol (AT&T) Chairman - They met in September in Ft. Myers with approximately 60 in attendance. Dan spoke on the One Call Bill and Dave Mays - FDOT

District I spoke on DOT District I. They had 3 sponsors - AT&T, GTE and Sprint/United - to help reduce the cost to attendees. We would like to invite anyone wishing to help sponsor their March meeting, contact Dan Buol at (813) 299-8337.

District II - Bill Jones (FPC) Vice Chairman - They met October 29th at Lake City with 75 attendees. Presentations were on Railroad Crossing Safety and DOT's CADD System. After lunch, a workshop was presented on the upcoming electronic transfer of info and CADD type systems in use by the DOT and utilities.

District III - Kenneth Hood (FDOT - Interim District Utility Engineer) - The District is actively promoting JPA's. Also, a subcommittee has been formed to evaluate areas of occupancy for underground and overhead areas for new FDOT construction projects and they are going to approach the Counties in the District with this idea. They are developing guidelines to county and state for new construction, each road project will have overhead facilities on one side of the road and underground on the other side. District address book being formulated. Latter part of February they will have their District meeting.

District IV - Rocky DePrimo (FDOT District Utility Engineer) - Active with local groups.

District V - Richard Taylor (FDOT District Utility Engineer) - They will be meeting in January 1994 at the Holiday Inn - Altamonte Springs.

District VI - Jim McGetrick (FDOT District Utility Engineer) - They will have a meeting in June 1994.

District VII - Bob Titterington (City of Brooksville) Chairman - They met in September 1993 with an attendance of 120. Paul Kaczorowski spoke on the FDOT Metric Program. The next District meeting will be held in March.

## **UTILITY NOTIFICATION CENTER**

Sunshine State One Call of Florida, Inc. is now operating the One Call Center in the state of Florida. Phil Thompson - President of One Number Information Systems of Florida, Inc. is the operator of the state system. Chuck Sprouse indicated that Shelton Enterprises is helping with the transition of the One Call Center. The Board of Directors are meeting on the Wednesday before our meeting (see attached information on this meeting).

## **INTEREST GROUP REPORTS**

■ **POWER** - Hamid Zahir - There were 27 members in attendance. The following was discussed:

- Larry Claxon handed out the proposals by the Street Lighting Subcommittee. Also, Glen Cock updated the group on the Street Lighting Subcommittee.
- Dennis LaBelle updated the group on the new Utility Accommodations Manual.
- The Utility/CADD topic was discussed.

■ **TELEPHONE/TELECOMMUNICATIONS** - John Jernigan and Betsy Becker - There were 24 members in attendance. The following was discussed:

- Doug Kettles updated members from the FDOT/CADD meeting of October 21. FDOT will be utilizing Intergraph but conversion software is in the works for utilities. FDOT distributed a survey to the members, CADD Information. FDOT is looking for accuracy of 1/100th of a Meter.
- Marilyn Pineau - Joint Use Subcommittee for Joint Trenching - Reported that a lot of data has been received and analyzed by them. The results look good and the subcommittee is looking forward to giving a presentation in February at the Combined Interest Group Meeting.
- Doug Kettles has a power company requesting that he attach to a vertical ground on a pole if his pedestal is within 6'. The power company was quoting the NESC spec. David Crum - PSC - clarified the NESC spec by saying that it pertains to underground/underground facilities not underground to overhead.
- Allen Carroll informed the members that the Florida Sunshine One Call will have a One Call Company installed shortly. Also, the Call Uncle/Candy is being bought out by One Number Information System, Inc. which is effective December 1, 1993. The Uncle number will remain but the Call Candy number will be phased out - check your numbers on any new orders of decals, stickers, etc. you use to identify a one call number out in the field. The number is (800) 432-4770.

■ **UNDERGROUND** - Mike Farmer - There were 22 members in attendance.

- Highlights of the FDOT Electronic Data Transfer Meeting held on October 21, 1993 in Tallahassee were discussed.
- Discussed changes proposed by the FDOT in the latest revisions of the UAM which will require instrument survey's tied to the State Plane System in XYZ coordinates.
- Discussed the transition to the Sunshine State One Call system. The main item of interest was how to enforce penalties for non-compliance.
- Most recent changes to the UAM. First draft proposals from the FDOT will be available soon.

● **SUBCOMMITTEE REPORTS** ●

■ **UTILITY ACCOMMODATION MANUAL** - Dennis LaBelle, Chairman

- The main changes in the manual are the conversions to metric. You can still submit permits that are not metric but all the numbers in the manual will be metric. Index 700 will be metric by late 1994 or the beginning of 1995.
- Major changes are on as-builts, clarification in manual as to certified (surveyed) and not certified. Contractors must be licensed with an exception during emergency conditions. The manual needs to clarify utility emergencies. They are to be spelled out in the Manual.
- XYZ Coordinates are for underground facilities and XY coordinates are used for overhead facilities.
- Insert wording - Permits must have proposed maintenance of traffic included with the permit.
- Cutting of pavement or driveways - revise for door hangers instead of Certified Letter. The utility must restore pavement or driveways properly.
- Directional Boring 6" I.D. - any facility being installed above that size must go through Jerry Sasser's office. Restoration of patches should last 2 years. Still debating perpetually or until repaving of road.
- MOT - Level of training hasn't been reviewed by the subcommittee. It is now specified as Level III in new addition. The list should go to Permit Office instead of to the Central Office

(Jerry Sasser).

- Allow utilities to install facilities on both sides of the road. Overhead utilities want a reservation for an area up to 4' from the edge of the right-of-way.
- Utilities in Section 334 are required to have a Professional Engineer (PE). Utilities do not want this requirement to have a PE sign their plans. In Section 471, the 1979 edition - doesn't have to have a PE on board; Section 334, 1986 edition - if plans are by or for DOT a utility has to have a PE sign their relocation plans. A contractor should have a PE sign but Dennis said if he were moving his own facilities there shouldn't be a PE signature required by DOT.
- Metric - some conversions are soft where others are hard. Some of the hard conversions will make it more costly for utilities.

■ **JOINT USE** - Bill Hetherington, Chairman

- They are meeting on December 16 and will be giving a presentation at the February Combined Interest Group Meeting. The subcommittee received 16 bid responses. The format for their presentation will be: Buddy Bowyer giving the introduction, background and scope of project, John Chaucer discussing design alternatives, Bill Hetherington speaking on bid proposals and comparisons, Randy Scott speaking on design analysis and Bill ending with results analysis and conclusions.

■ **CSX/FDOT** - no report.

■ **ASBESTOS** - no report.

■ **FDOT PAY ITEMS** - Carlos Solis, Chairman

- List of items still developing with Tallahassee office.

■ **FDOT HIGHWAY LIGHTING** - Scott Huff, Chairman

- The subcommittee met in Tampa on November 2, 1993 with power companies, cooperatives, DOT and county agencies to discuss electric utilities providing street lighting systems via FDOT for County-City governmental agencies. Presently, the FDOT designs, builds and owns lighting systems on their rights-of-way and the local governmental agencies maintains and pays for the electricity. We have been exploring alternatives to minimize the additional poles in roadways and to minimize lighting systems conflicts with existing pole lines. Also, opportunities are being considered to save taxpayers and rate payers money in highway lighting.
- The subcommittee developed two compromise alternatives that are being studied. Both alternatives involve the FDOT providing capital funding, the local electric utility providing light systems and the local governmental agencies paying maintenance and electricity. Both alternatives make use of existing poles when possible. This should minimize FDOT costs, local governments maintenance problems and solve conflicts with power lines. This effort should result in savings to taxpayers and ratepayers.
- Please call me if you have any questions (813) 228-4648.

■ **MOT PLATES** - Hamid Zahir, Chairman

- The subcommittee has met twice since the last FUCC meeting.
- They will finalize their recommendations in approximately 2 weeks and submit their comments to FDOT 2 to 4 weeks after finalization.

■ **ONE CALL ORGANIZATION** - Dan Buol, Chairman

- Documents being signed now by various members.
- Contractors and utilities on the same network - vision of the future. They want to know utilities goals and objectives.

■ **UTILITY NETWORKING** - Jerry Sasser, Chairman

- Computer systems will need to interact from one software to another.

■ **CONFERENCE PLANNING** - Mark Sweet, Chairman

- February 1994 - Tallahassee - Ramada Inn
- May 1994 - Downtown Tampa - Hyatt Regency, joint meeting with the APWA membership.
- August 1994 - Jupiter Beach - Jupiter Beach Resort

■ **STANDARDS REVIEW SUBCOMMITTEE** - Michael Fahnestock will be chairman.

■ **STEERING COMMITTEE** - Dave Hall, Chairman - There were 23 in attendance.

- FDOT Address Books - Districts will handle through local groups and then update Tallahassee.

•Unlike the FDOT Utility Accommodation Manual, Fucc members are not receiving the different State agency's manuals and the proposed changes that impacts various utilities represented in the Fucc membership. The need to review the manuals by this group is important. A proposal was made for a subcommittee to be formed and have the chairman critique the information received and determine if there is an impact to the Fucc members. If there is an impact, there would be a subcommittee meeting called to talk over the impacts of the issue or have a quarterly meeting. The FDOT Accommodation Manual cycle of changes are approximately every two years. Standards Review could be the subcommittee name. There are about 7 manuals that are very important per Jerry Sasser. All the manuals are in the final process of being updated for their 1994 issues.

•The Joint Use Subcommittee has been working on a feasibility study and economic analysis of joint trench projects. They are nearing completion and have a lot of data compiled, analyzed and are getting ready to formalize the report. They would like to present their information at the winter meeting in the Combined Interest group meeting. Two options to pursue as a committee: 1. Broaden Scope or 2. Address the coordination efforts in joint trenching. The information could be given to contractors to help them understand the joint trenching when bidding the project.

•The joint meeting with the APWA in Tampa during May was discussed and will be presented in the business meeting on Friday as an update to the members.

Chairman Black adjourned the meeting at 11:45 a.m.

Respectfully Submitted,



Arlene Brown McGee  
Secretary

# FLORIDA UTILITIES COORDINATING COMMITTEE

COORDINATION THROUGH COOPERATION

DO YOU WANT ON OUR MAILING LIST (Y/N)?

ATTENDANCE LIST FOR QUARTERLY MEETING -

DATE: 11/4/93  
 LOCATION: Ocala

NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
DIETMAR UNGER	PRCS-KDOT	407 855-7328	PO Box 593521 ORL FL 32859
✓ MARILYN PINEAU	UTILITY CONSULTANTS	904 748-4436	4270 C.R. 136 WILDWOOD, FL. 34785-3202
✓ CURT EBLING	U S I	904 377-1511	1360 NW 53th BONNEVILLE FL 32606
DAVE HALL	SPRINT/UNITED, FLA	407 889-6813	P.O. Box 5000, Alt. Spgs., FL. 32716
Phil Thompson	ONISI	904 530-1799	204 Rivers Bend Blvd. Charter, VA 23831
KENNETH HLOD	FDOT. Chipley	904 638-0250	P.O. Box 607 Chipley, FL 32428
JEFF RUTTER	CITY OF BROOKSVILLE	904 796-3391	600 S. Brooksville Ave BROOKSVILLE FL
Bob Titterington	City of Brooksville	904 796-3391	600 S. Brooksville Ave Brooksville FL 34601
Betsy BECKER	TELCEL CABLE	407 422-3961	4305 Vineland Rd C-2 OPL FLA 32811
ARLENE BROWN MCGEE	TAMPA ELECTRIC CO.	813 228-4674	P.O. Box 111 TAMPA 33601
Steventidwell	FDOT-District 7	(813) 975-6040	11201 N. McKinley Tampa 33612
Bill Elliott	MCI	714-918-4624	405 International Mill RICHARDSON TX 75081
✓ Steve Arline	Adelpha Cable TV	(407) 627-3600	10435 Ironwood Rd. Palm Bch Gardens FL 33410
THOMAS DULLAR	SPRINT/CENTEL	904 599-1543	PO Box 2214 Tallah. FL 32310
Rick Whalen	Lakeland Water	813 499-6339	501 E. Lemon St. Lakeland, FL 33809
William Wabbeisen	FDOT	813 725-7450	3204 Gulfco Bay Blvd Clearwater FL 34619
Roy Brantley	F.D.O.T. (Deland)	(904) 943-5246	719 So. Woodland Blvd Deland, Fla. 32720
Mike Farmer	Peoples Gas	813-772-0042	PO Box 2562 TAMPA, FL 33601
ROB HUDACK	PEOPLES GAS	813 228-9745	1200 W 13th St TAMPA, FL 33601
LARRY CLAXON	TAMPA ELECTRIC COMPANY	813 228-4706	PO Box 111 TAMPA, FL 33601
M.P. FAHNESTOCK	IMPERIAL POLK COUNTY	813 534-6712	P.O. Box 1519 BARTON, FL 33830
DAVID PARHAM	FLORIDA GAS TRANSMISSION	407 875-5827	PO BOX 945100 MARIETTA, FL 32754-5100
Lew Garfield	Fla. Power Corp	813 866-5734	P.O. Box 14042 ST. PETERS, FL 33733
GLEN COCK	TFCO	813 228-6690	PO BOX 111 TAMPA FL 33601
25 BILL HETHERINGTON	LCEC	813 866-2157	P.O. Box 3455 N. FT MYERS FL 33918





DO YOU WANT ON OUR MAILING LIST (Y/N)?

# FLORIDA UTILITIES COORDINATING COMMITTEE

COORDINATION THROUGH COOPERATION

ATTENDANCE LIST FOR QUARTERLY MEETING -

DATE: 4/4/93  
 LOCATION: Ocala

NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
✓ HAMID ZAHIR	JACKSONVILLE ELECTRIC AUTHORITY	904 632-6068	21 W. CHURCH ST. JAX., FL. 32202
✓ DAVID CROM	Public Service Comm	904 488-8501	101E GAINES ST TALL. FL.
✓ MIKE SUTTON	TELECOMMUNICATIONS + Industrial Consulting	960 4958	(TAMPA) 410 W. HARRIS LUTZ, FL 33549
✓ Ernest Salley	Svendrup - Civil	904 877-8500	1203 Governor's Square Blvd. Tallahassee 32301
✓ JOE ARLINE	CITY OF BARTOW	813 534-0100	450 N WILSON AVE BARTOW, FL 33830
✓ RON ROARK	FPL	407 337-7036	1050 SE BRANDON CIR ART ST. LUCIE, FL 34952
✓ BILL NICHOLS	CITY OF PALM BAY	407 952-3439	1050 MALABAR RD SW PALM BAY, FL 32955
✓ GEORGE MADDOX	GTE FL. INC.	813 989-7913	10402 NO. 56th ST. TEMPLE TERRACE 34617
✓ JOHN CHAUCE	BOW SOUTH	205 877-2631	N4E1 3535 COLONADE B'HAM., AL 35243
✓ DON SCHOFIELD	Gulf Power Co.	904 444-6555	500 Bayfront Parkway Pensacola, FL 32501
✓ Jim Nelson	People Gas System Jax	904 739-1211	4640 Phillips Blvd Jax FL. 32207
✓ Ray Reynolds	Pin Co Govt	813 404-3670	440 Court Street Clont, FL 34643
✓ JOHN JERDIGNAN	GTE FLORIDA	813 664-6161	8800 ADAMO DR. TAMPA, FL 33594
✓ Jerry Sasser	FDOT	904 922-9067	605 Suwannee St Tall, FL. 32349
✓ JEFF Sizemore	Kissimmee Utility Authority	(407) 933-7777	1701 W. Carroll St 34740 Po. Box 42329 Kiss, FL
✓ KATEMETRYKOWSKI	FLORIDA'S TURNPILE	305 583-3111	P.O. Box 17810 PLANTATION FL 33318
✓ MAX WALLACE	FLORIDA PWR CORP	813 866-4303	3201 34550 ST. PETE FL 33711
✓ Terry Palmer	(United Telephone)	904 368-8721	D.O. Box 610 Ocala, FL. 34478
R. DePrimo	FDOT	305 777-4125	3400 W. Commercial KLV Co.
H. Ford Smith	FPL	407 640-2331	W Palm Bld
21 Tom Hodgdon	FPL	305 347-7872	MIAMI

# FLORIDA UTILITIES COORDINATING COMMITTEE

COORDINATION THROUGH COOPERATION

DATE: 11/4/93

LOCATION: Ocala

ATTENDANCE LIST FOR QUARTERLY MEETING -

NAME	ORGANIZATION REPRESENTED	BUSINESS PHONE	BUSINESS ADDRESS
RAY AFELD Bill Jones	TAMPA BAY ENGR FLA Power Corp	813- 531-3505 904 997-2521	18167 US 19 N6 CLWR FL 33746 P.O. Box 250 Mandeville, FL 32345
✓ EARL CHRISTIAN	BELLSOUTH	904 350-3554	21/11-581 301 W. BAY ST. JAX., FL
Kevin Galbreath	Paragon Cable Tampa	813 684-6100	520 Grand Regency Blvd Brandon, FL 33510
Don Bussel	AT&T	813 299 8337	511 AVE T NW WINTER HAVEN FL 33881
Clyde Simpson	CITY OF TALLAHASSEE	904 891-6155	300 S. Adams Tallahassee, FL 32301
CRAIG ENGLAND	MANATEE COUNTY	813 792-8811	4411 66th ST W BRADENTON, FL 34210
INEZ HURLEY	SPRINT/UNITED	407 889 6777	555 LAKE BORDEN DR APOPKA 32703
✓ <b>Woody Houston</b> Tommy Sanders	HENKELS & M'COY TICS	904 498-2316 407 855-7108	P.O. BOX 779 STEINHATCHEE FL 32359 4614 Redfern Dr Orl. 31 32839
BOB SCHWALLIE	PCS COMMUNICATION CONST.	407-679-2110	3917 LAKE MIRA DR. ORLANDO FL 32817
Larry Butler	GTE	813 688-5357	P.O. Box 328 LAKELAND FL.
JUNIAH JOHNSON	CITY OF ORLANDO	407 246373	400 S. ORANGE AVE ORLANDO FL 32802
RANDY MILLER	TURNPIKE	408-4671	1211 GOV. SQ. BLVD ST 100 TALLAHASSEE FL
ART GILMORE	FLA. Power Corp	813 893-9257	2501 25th ST N ST PETE FL 33713
Ron Howell	GTE FLA INC	813 893-4591	821 1st Ave N ST. PETERSBURG, FLA
✓ Don Anthony	PARAGON CABLE	813 579-8600	11500 9th ST. N. ST. PETE, FLA. 33710
Chuck Sproun	SHELTON EUT. (UNCLE/Chickney)	800- 638-4597	7797 N. UNIVERSITY TAMARAC, FL.
BOB JANDOSKI	PINELLAS CTY ENGR.	813 464-3713	512 S. FORT HARRISON CLWR FL 34616
LARRY KUNZE	ORLANDO UTILITIES COMMISSION	407 384-4100	P.O. BOX 3193 ORLANDO FL 32802
ED GARCIA	FPL	407 694-4760	P.O. BOX 14000 (TLE) JUNO BEACH FL 33408
Doug Sikes	D.O. T.	904 987-1700	605 SUGARHILL ST Tallahassee FL
TOM SKRABSKI	TAMPA ELECTRIC	813 528 4483	Po Box 111 TAMPA FL
Dennis Lindsey	FDOT	904 732 1321	1217 SW 10 ST OCALA FL
WALTER CHILDS	FDOT	813-533 8161	PO BOX 1249 DASTON, FL 33830
WAYNE DARDEN	ORLANDO UTILITIES COMM. WATER	407-423 9100	PO BOX 3193 ORLANDO, FL 32802
29 CHARLES EASTERLING	ORLANDO UTILITIES COMM. - ELECTRIC	407-384 4100	11

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