



Perry Express
205 7424

MAY 7 1992

May 5, 1992

Ms. Trudie D. Bell
Environmental Supervisor
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Received:
May 7, 1992
W R M.
J K Bess

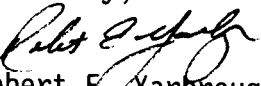
Dear Ms. Bell:

RE: PA 89-25 Hardee Power Station - Arcadia to Lee Substation Transmission Line
ROW Incompleteness Response.

In response to your letter of April 28, 1992 I have included responses to your questions, a revised table of impacts, and some revised drawings.

If you have any questions please contact me at 813-963-0994.

Sincerely,


Robert E. Yarbrough
Environmental Engineer

cc: Buck Oven, Siting Coordination Office DER

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Pony Express Courier Corp.

ACCOUNT #	WAYBILL #
	2087424

☐ GROUND	☐ AIR
☐ SATURDAY DELIVERY	

SHIPPER

MR. ROBERT VANBROUGH

405-761-7411

CONSIGNEE

MS. TRUDIE D. BELL

904-488-0130

SEMINOLE ELECTRIC COOPERATIVE, INC.

ADDRESS

2600 BLAIR STONE ROAD

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ZIP REQUIRED

CITY/STATE

TAMPA, FL

ZIP REQUIRED

33608

CITY/STATE

TALLAHASSEE, FL

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32309-2400

SHIPPER'S SPECIAL INSTRUCTIONS

SHIPPER'S REF. CODE

NON-NEGOTIABLE WAYBILL SUBJECT TO CONDITIONS SET FORTH ON REVERSE SIDE HEREOF.

BILL TO: (SEE PARAGRAPH 3 ON REVERSE SIDE)

CONSIGNEE SIGNATURE

PECC 6 9/91

COMMODITY DESCRIPTION

WEIGHT

PIECES

SHIPPER'S SIGNATURE

IT IS EXPRESSLY AGREED THAT AGENT'S CARRIER SHALL BE RESPONSIBLE FOR SERVICE AGREEMENT CARRIER'S LIABILITY FOR LOSS OR DAMAGE TO THE GOODS SHIPPED HEREON AND LIMITED PURSUANT TO THE TERMS OF PARAGRAPH 6 ON THE REVERSE SIDE HEREOF. UNLESS OTHERWISE SPECIFICALLY NOTED.

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PONY EXPRESS AGENT

CONSIGNEE COPY

HARDEE POWER STATION
PA 89-25
South Arcadia to Lee Incompleteness Response

In response to the incompleteness letter of April 28, 1992 we are providing the following responses. Our responses are shown in italics below.

1. On the last page of Table 1, the column which was labeled "upland ditch" is labeled "channelized stream". The numbers in the columns appear to add up. Are these categories the same thing?

The reason this heading was changed is that it does not appear to accurate to call all of the wetlands impacted in Lee County upland ditches as they appear to be channelized streams. We do not have any indication from DER that the two different systems have different mitigation requirements and therefore we have lumped all of these systems together in the table.

2. In Table 1, Wetland 2D-7 is indicated to be an isolated wetland, however, the acreage is included in the DER total. Please explain this contradiction.

As indicated in the Table, the area is isolated and is not DER jurisdiction but the value was inadvertently included in the total. The revised total of DER forested wetland clearing should be 3.42 acres. Please see the revised table.

3. In Table 1, the numbers for shrub clearing do not add up to the total.

There is an error in the totals due to the subtotals being added together. The revised total should be 0.59 acres. Please see the revised table.

4. Figure 7/8 indicates that there is not impact, however, the aerial photograph and the wetland description indicates that trees will be cleared. Please clarify what will be done.

The wetland description indicates that these areas are vegetated by Sestemia spp. and Ludwigia peruviana. The ROW location has been staked in the field and indicates that at most one or two trees may be cleared due to their "danger" status. We do not feel that this constitutes forested clearing.

5. On Figure 7/8, is the marsh DER jurisdictional? Table 1 does not indicate that the marsh is isolated.

The marsh is not DER jurisdictional and was not indicated as isolated in the Table. Since there is to be no impact in the wetland the values in the table will not change. Please see the enclosed revised table.

6. Please provide a drawing for crossing wetland 2D-13.

The drawing for that wetland area was not included because there is to be no clearing of wetland plants and no fill. As shown in the wetland map.

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descriptions 2D-13 consist of an oak/palmetto community. Since it takes approximately 2 weeks to obtain a new drawing and we are on a very tight schedule, we respectfully request that a drawing not be required for this area.

7. For the crossing of 2D-16, please describe the number and size of the Ulmus americana (American elm) trees to be cleared.

Howard Knight of SWFWMD inspected this site in February and he agrees with our assessment of the area and the jurisdictional line. From memory, the elm trees were approximately 6-10" DBH and numbered approximately 12 trees within the ROW. There was signs of human disturbance in the area and the area appeared to have been logged in the past.

8. Figure 18/19 states that 0.08 ac. will be filled, while Table 2 states that 0.05 ac. will be filled. Please clarify which is correct.

The 0.05 ac. of corduroy road fill is correct. It is likely that we will be able to withdraw all of the fill for this area after our engineers review their needs for the area.

9. Please clarify why no clearing is necessary at wetland 2D-18 with a 60% canopy of Quercus laurifolia (swamp laurel oak).

The consultant indicated that the jurisdictional lines extended only to the tops of the banks of the ditch system with no trees within the ditch system. The trees overhang the ditch system but are not part of the jurisdictional area.

10. For wetland 2D-23, clearing is listed as an impact on the wetland description, but no (sic) on the drawing or on Table 1. Please clarify whether clearing is proposed or not.

As described in the wetland descriptions there are no trees and only a few shrubs in the area. As in all the wetlands, the only shrubs that will be cleared are the ones that will be located in the location of the corduroy road. The wetland description is somewhat misleading but the impacts are correct on the drawing and the Table.

11. For Wetland 2D-24, figure 24 shows 0.24 ac. of wetland clearing, while Table 1 and the wetland description says there is no impact. Please clarify whether there is impact at this location or not.

The drawing indicates clearing in an open water area, this is obviously an error. There are no trees growing within the jurisdictional area of Prairie Creek within the ROW as the creek is steeply incised in this area. There will be no impact associated with the crossing of Prairie Creek.

12. For Wetland 2C-25, Figure 26 says 0.10 ac. of shrub clearing and 1.8 ac. of marsh clearing. These impacts are not reflected in any other documents. Please correct this omission and clarify what "marsh clearing" is.

We do not need to clear marsh areas for the transmission line as this was an error in drafting. We will be clearing the 20 ft. wide path through
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the shrubs and we will add this to the attached revised Table 1.

13. The drawing package contains two pages numbered as "Figure 26". Please renumber the package appropriately.

We have changed Figure 26, wetland 2C-27, to be 26 A.

14. Both Figure 29/30 and 47 refer to "cleared marsh". Please clarify what is being described.

This was an error in drafting as no clearing will occur in these areas.

15. Figure 32 shows 0.13 ac. of shrub clearing not shown on Table 1.

The disturbed shrub areas will not be cleared outside of the corduroy road area. The 0.13 ac. of will not be cleared.

16. Figure 40 shows 0.48 ac. of forested clearing and 0.28 ac. of forested fill. Table 1 lists 0.48 ac. of forested fill and 0.28 ac. marsh fill for the same wetland. Please clarify which is correct.

Due to concerns over sizing of culverts and DNR easements, the culverts and power line structure will be removed from this wetland. This will result in no fill impacts, clearing impacts will increase to 0.76 ac.

17. Figure 42 and 44 do not show the fill for the corduroy road.

The 0.01 acres of fill for the corduroy road in wetland 2C-47 (Figure 42) will be added to the drawing as it is shown on the Table. The ditch in Figure 44 was not present before December, 1991 and was not permitted by any agency. The ditch was dug by the county to limit access into the undeveloped area where our powerline is to be located. We do not feel we should have to mitigate for a corduroy road through a recent unpermitted upland cut ditch.

18. The location of the corduroy road shown on Figure 44 seems to be have been changed on the aerial photograph. Please clarify what the correct location for the road is.

The location shown on the drawing (Figure 44) is the correct location.

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TABLE 1
WETLAND ACTIVITIES
(FDER/SWFWMD JURISDICTION)

FORESTED WETLAND			DISTURBED SHRUB WETLAND			MARSH	UPLAND DITCH
WETLAND	CLEARED	FILLED	CLEARED	FILLED	CORD.RD	FILLED	FILLED
2D-1	-	-	0.04	-	-	-	-
2D-2	-	-	0.07	-	-	-	-
2D-3	1.25	-	-	-	-	-	-
2D-4	-	-	-	-	-	***	-
2D-5	-	-	-	-	-	-	0.02
2D-6	-	-	-	-	-	-	0.02
2D-7	0.60***	-	-	-	-	-	-
2D-8	-	-	-	-	-	-	**
2D-9	0.47	-	-	-	-	-	**
2D-10	-	-	-	-	-	-	0.01
2D-11	-	-	-	-	-	-	0.02
2D-12	-	-	-	-	-	-	0.02
2D-13	-	-	-	-	-	-	**
2D-14	-	-	0.15	-	-	-	-
2D-15	-	-	-	-	-	-	0.02
2D-16	0.27	-	-	-	-	-	-
2D-17	-	-	-	-	-	-	0.03
2D-18	-	-	-	-	-	-	0.02
2D-19	-	-	-	-	-	-	0.02
2D-20	-	-	-	-	-	0.31	-
2D-21	-	-	-	-	-	**	-
2D-22	-	-	-	-	-	0.38	-
2D-23	-	-	-	-	-	-	0.03
2D-24	-	-	-	-	-	**	-
SUB-TOTAL	2.59	0	0.26	0	0	0.69	0.21

** No Clearing or Filling Required

*** Isolated Wetlands (Non-DER jurisdictional)

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TABLE 1 (CONTINUED)
WETLAND ACTIVITIES
(FDER/SWFWMJ JURISDICTION)

FORESTED WETLAND			DISTURBED SHRUB WETLAND			MARSH	UPLAND DITCH
WETLAND	CLEARED	FILLED	CLEARED	FILLED	CORD.Rd	FILLED	FILLED
2C-25	-	-	0.10	-	-	**	-
2C-26	-	-	0.13	-	-	-	-
2C-27	-	-	-	-	-	-	0.01
2C-28	-	-	-	-	-	-	0.01
2C-29	-	-	-	-	-	**	-
2C-30	-	-	-	-	-	-	0.01
2C-31	-	-	-	-	-	-	0.01
2C-32	-	-	-	-	0.02	-	-
2C-33	-	-	-	-	-	-	0.02
2C-34	-	-	-	-	-	-	0.03
2C-35	-	-	0.10	-	-	-	-
2C-36	-	-	-	-	-	-	?
2C-37	-	-	-	-	-	-	0.01
2C-38	-	-	-	-	-	-	0.03
2C-39	-	-	-	-	-	-	0.01
SUB TOTAL	0	0	0.33	0	0.02	0	0.14

** No Clearing or Filling Required

*** Isolated Wetland (Non DER Jurisdiction)

TABLE 1 (CONTINUED)
WETLAND ACTIVITIES
(FDER/SWFWMD JURISDICTION)

FORESTED WETLAND			DISTURBED SHRUB WETLAND			MARSH	UPLAND DITCH
WETLAND	CLEARED	FILLED	CLEARED	FILLED	CORD.RD	FILLED	FILLED
2C-40	0.76	-	-	-	-	-	-
2C-41	-	-	-	-	-	**	-
2C-42	-	-	-	-	-	**	-
2C-43	-	-	-	-	-	**	-
2C-44	-	-	-	-	-	**	-
2C-45	-	-	-	-	-	**	-
2C-46	-	-	-	-	-	**	-
2C-47	-	-	-	-	-	-	0.01
2C-48	-	-	-	-	-	**	-
2C-49	-	-	-	-	-	**	-
2C-50	-	-	-	-	-	**	-
2C-51	-	-	-	-	-	-	0.05
2C-52	-	-	-	-	-	**	-
2C-53	-	-	-	-	-	**	-
2C-54	-	-	-	-	-	**	-
2C-55	-	-	-	-	-	**	-
2C-56	-	-	-	-	-	**	-
2C-57	-	-	-	-	-	**	-
2C-58	-	-	-	-	-	**	-
SUB TOTAL	0.76	0	0	0	0	0	0.06
SWFWMD TOTAL	3.35	0	0.33	0	0.02	0	0.41

** Hydric hardwoods/wet prairie - sparse canopy of slash pine to be cleared

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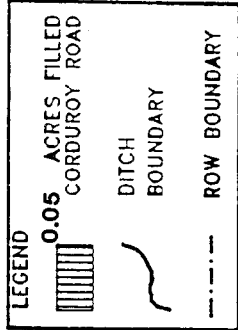
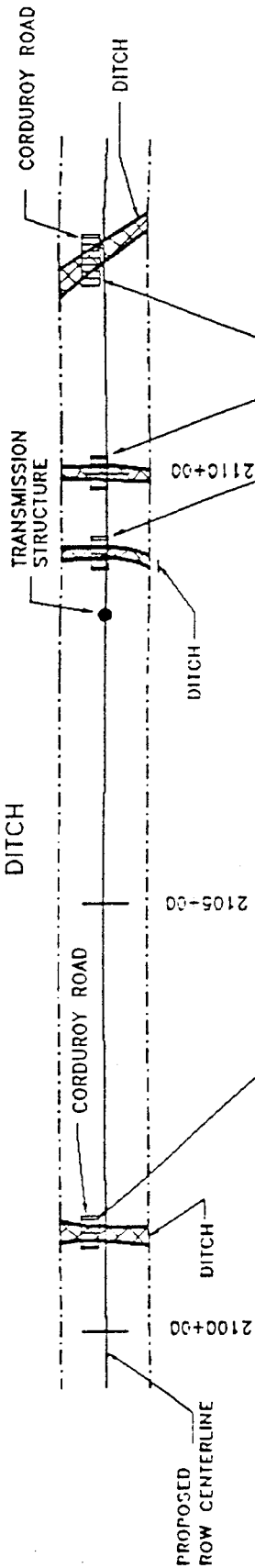
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TABLE 1 (CONTINUED)
WETLAND ACTIVITIES
(FDER/SFWMD JURISDICTION)

FORESTED WETLAND | DISTURBED SHRUB WETLAND | MARSH | CHANNELIZED STREAM

WETLAND	CLEARED	FILLED	CLEARED	FILLED	CORD.Rd	FILLED	FILLED
2L-59	-	-	-	-	-	**	-
2L-60	-	-	-	-	-	**	-
2L-61	-	-	-	-	-	**	-
2L-62	-	-	-	-	-	**	-
2L-63	-	-	-	-	-	**	-
2L-64	-	-	-	-	-	**	-
2L-65	-	-	-	-	-	**	-
2L-66	-	-	-	-	-	**	-
2L-67	-	-	-	-	-	**	-
2L-68	-	-	-	-	-	**	-
2L-69	-	-	-	-	-	-	0.02
2L-70	-	-	-	-	-	**	-
2L-71	-	-	-	-	-	**	-
2L-72	-	-	-	-	-	**	-
2L-73	-	-	-	-	-	**	-
2L-74	-	-	-	-	-	**	-
2L-75	-	-	-	-	-	**	-
2L-76	-	-	-	-	-	**	-
2L-77	-	-	-	-	-	**	-
2L-78	-	-	-	-	-	**	-
2L-79	-	-	-	-	-	-	0.02
2L-80	0.67	-	-	-	-	-	-
SUBTTL.	0.67	0	0	0	0	0	0.04
SFWMD	0.67	0	0	0	0	0	0.04
FDER TOTAL	3.42	0	0.59	0	0.02	0.69	0.45

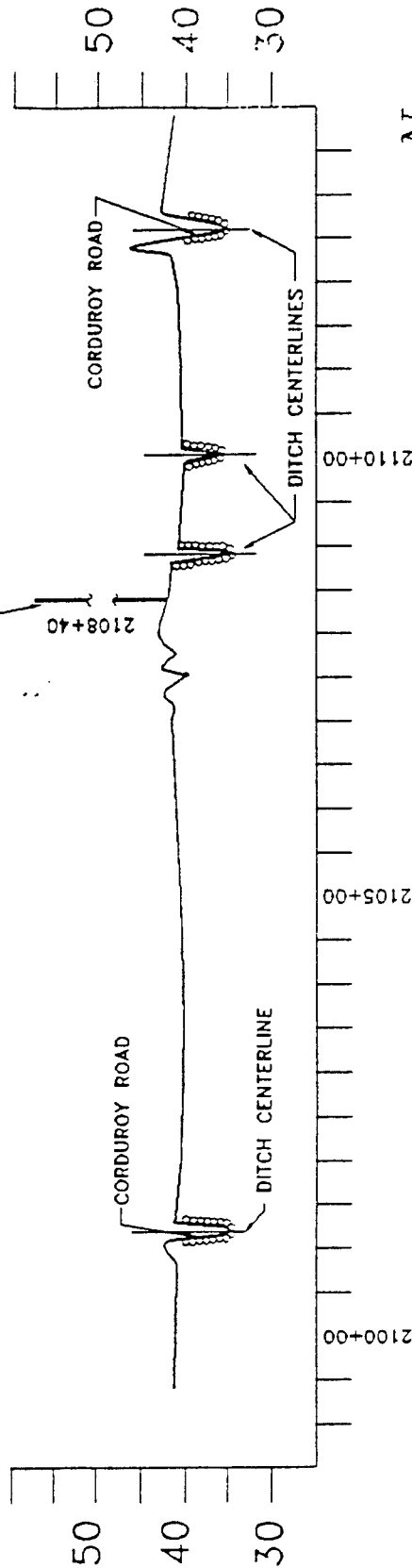
FDER JURISDICTION DITCH



NOTE: EDGE OF CORDUROY ROAD IN DITCH TO BE STAKED WITH HAY BALES OR SILT SCREEN DEPENDENT ON SITE CONDITIONS AT TIME OF CONSTRUCTION

NOTE: SURVEY INFORMATION DETERMINED BY AERIAL PHOTOMETRIC METHODS

TRANSMISSION STRUCTURE HEIGHT NOT TO SCALE



LEGEND for PROFILE

CORDUROY ROAD

ROW C/L

DITCH "2D17/18" PLAN/PROFILE

SCALE: 1"=200'

Annex 18/18

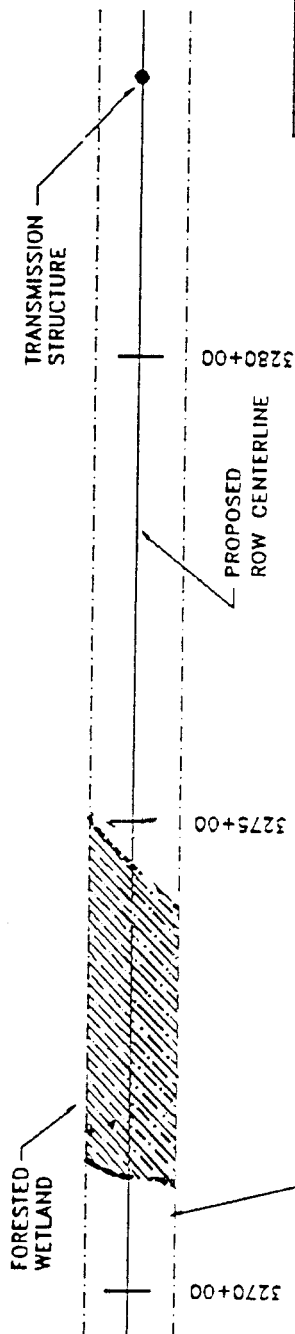
SEMINOLE ELECTRIC COOPERATIVE INCORPORATED



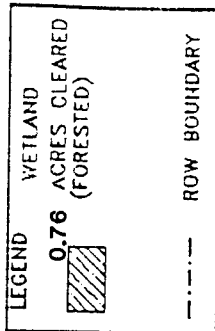
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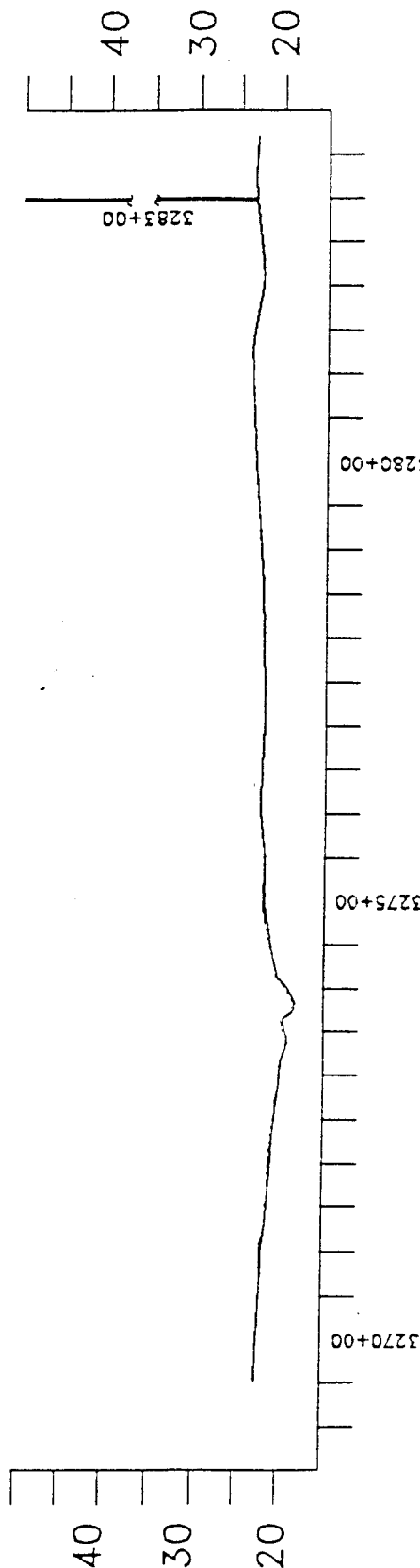
FDER/SWFWM
JURISDICTION
CULVERT/FORESTED WETLAND



NOTE: EDGE OF CULVERT IN WETLAND TO BE STAKED WITH HAY BALES OR A SILT SCREEN DEPENDENT ON SITE CONDITIONS AT TIME OF CONSTRUCTION



NOTE: SURVEY INFORMATION DETERMINED BY AERIAL PHOTOMETRIC METHODS



SHW ± 22
NWL ± 21
SLW ± 20

WETLAND "2C40"
PLAN/PROFILE

SCALE: 1"=200'

LEGEND for PROFILE

ROW C/L

FILL (CULVERT)

SEMINOLE
ELECTRIC
COOPERATIVE
INCORPORATED

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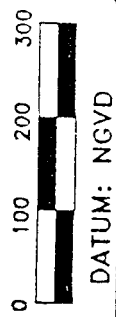


FIGURE 40

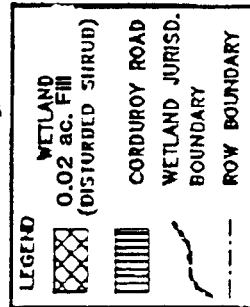
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FDER/SWFWMD
JURISDICTION
TRIBUTARY TO SHELL CREEK

PROPOSED
ROW CENTERLINE

TRANSMISSION
STRUCTURE

1500'



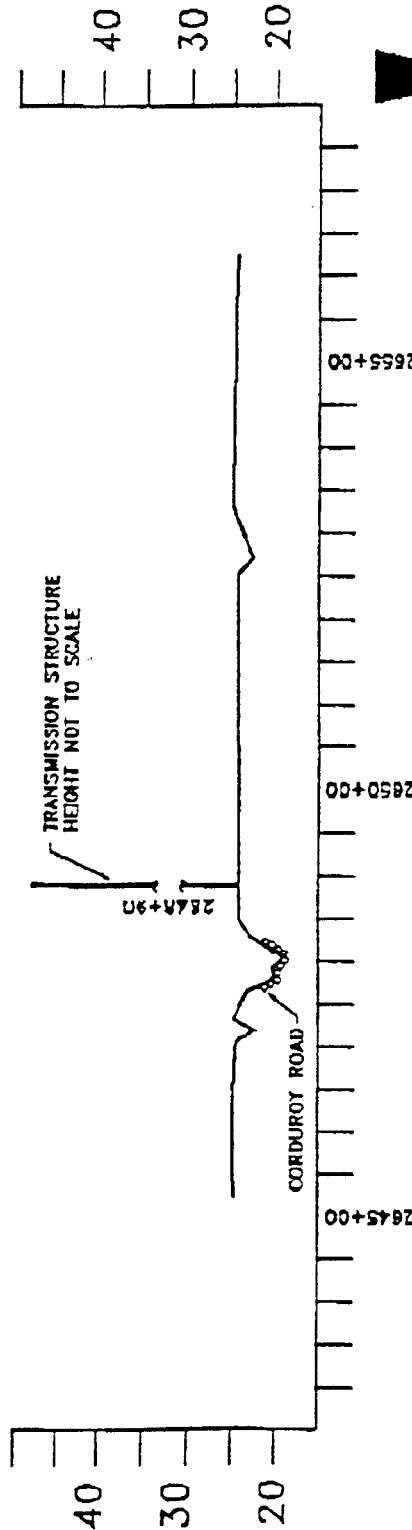
NOTE: EDGE OF CORDUROY ROAD IN
WETLAND TO BE STAKED WITH HAY BALES
OR SALT SCREEN DEPENDENT ON SITE CO-
NDITIONS AT TIME OF CONSTRUCTION

NOTE: SURVEY INFORMATION
DETERMINED BY AERIAL
PHOTOMETRIC METHODS

2655+00

2650+00

2645+00



LEGEND for PROFILE
 CORDUROY ROAD
 ROW C/L

WETLAND "2C32B" PLAN/PROFILE

SCALE: 1"=200'



SEMINOLE
ELECTRIC
COOPERATIVE
INCORPORATED

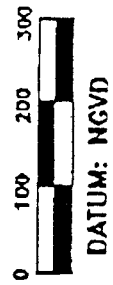
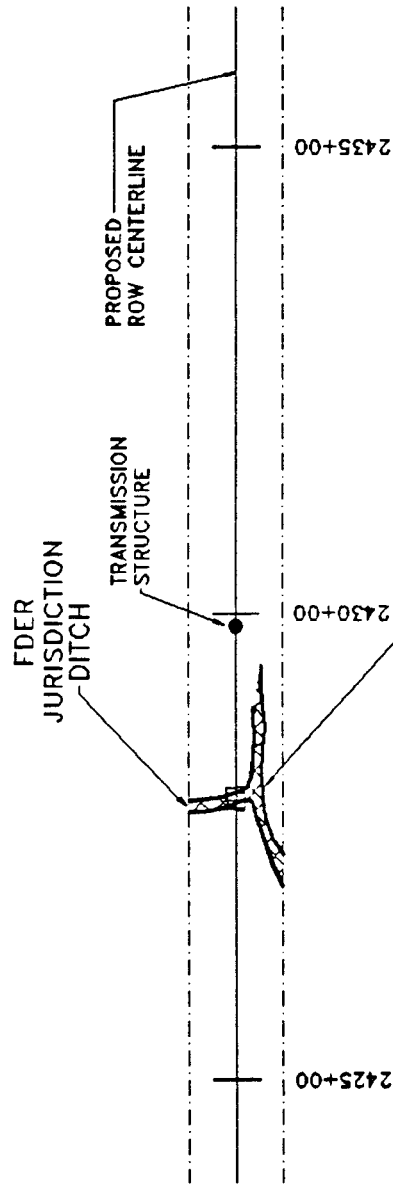


FIGURE 32

S-5-92

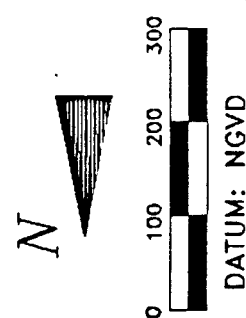
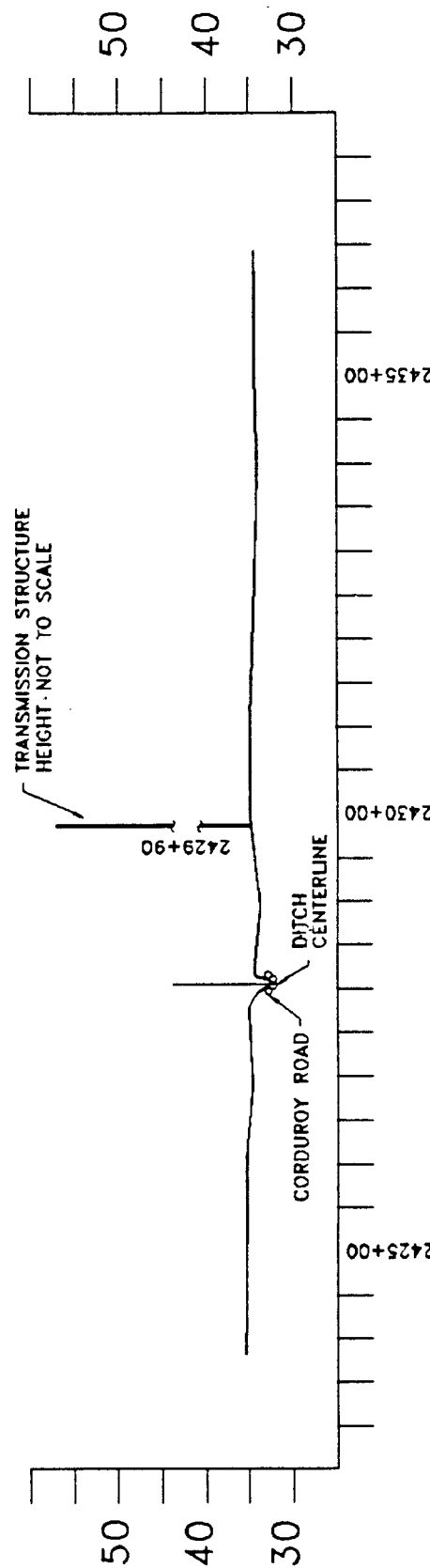
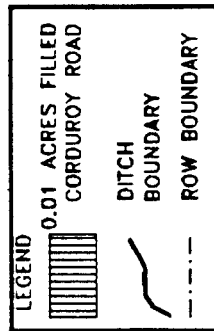
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NOTE: EDGE OF CORDUROY ROAD IN DITCH TO BE STAKED WITH HAY BALES OR A SILT SCREEN DEPENDENT ON SITE CONDITIONS AT TIME OF CONSTRUCTION

NOTE: SURVEY INFORMATION DETERMINED BY AERIAL PHOTOMETRIC METHODS



DITCH "2C27" PLAN/PROFILE

LEGEND for PROFILE
 CORDUROY ROAD
 ROW C/L

SHW ± 33
 NWL ± 32
 SLW ± 31

SCALE: 1"=200'

Handwritten signature



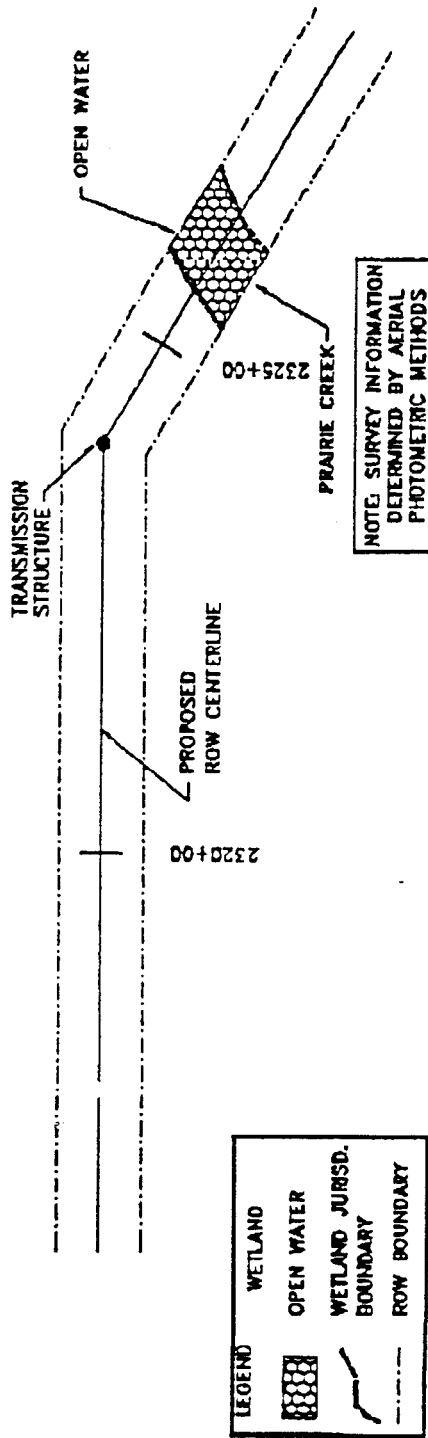
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S-5-92

FIGURE 26A

FDER/SWFWMD
JURISDICTION
OPEN WATER



—NO PROFILE NECESSARY—

PRAIRIE CREEK WETLAND "2D24" PLAN/PROFILE

SCALE: 1"=200'



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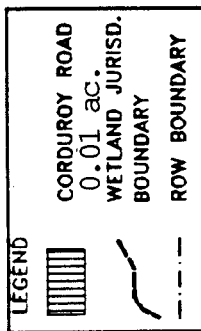
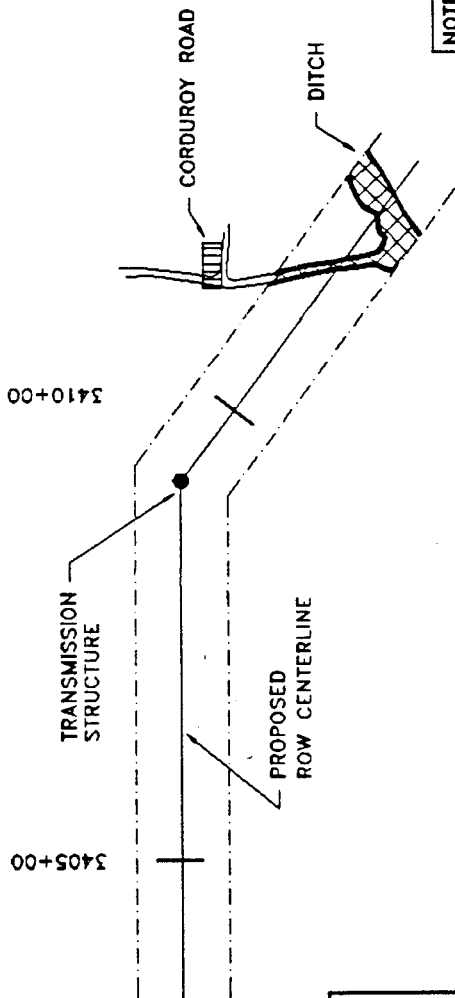
S-S-92

FIGURE 24

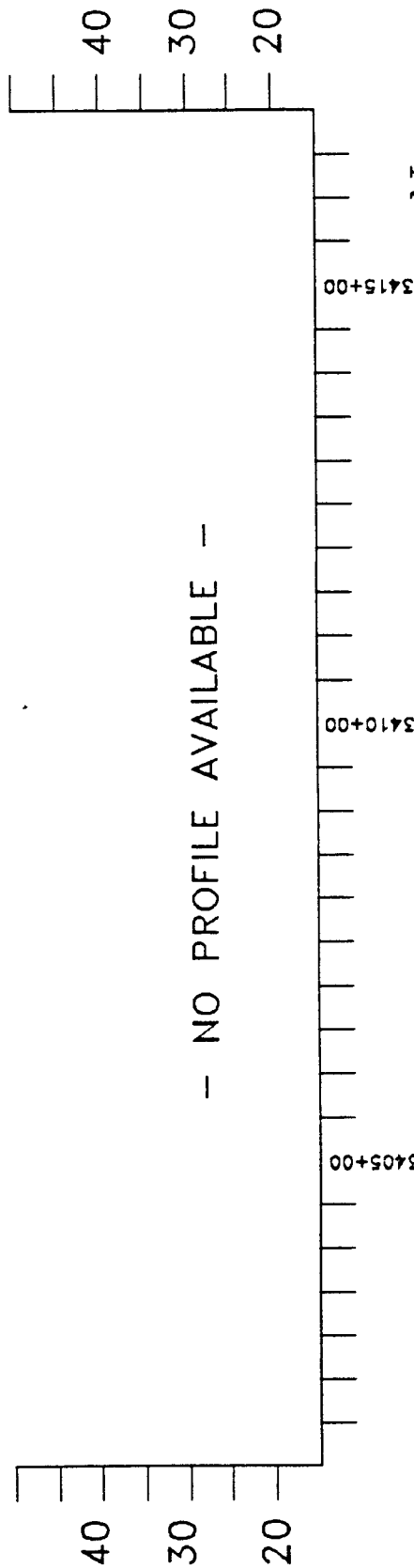


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FDER
JURISDICTION
DITCH



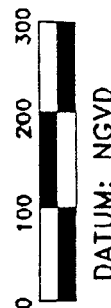
NOTE: SURVEY INFORMATION
DETERMINED BY AERIAL
PHOTOMETRIC METHODS



DITCH "2C47" PLAN/PROFILE

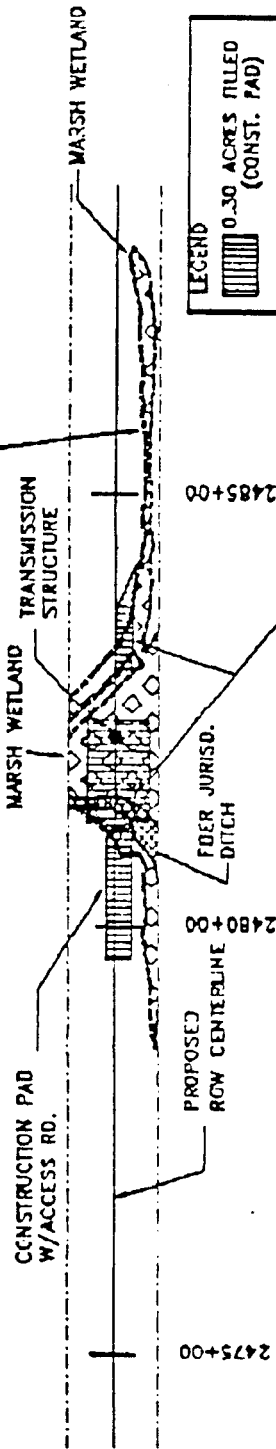
SCALE: 1"=200'

Smith & Seab



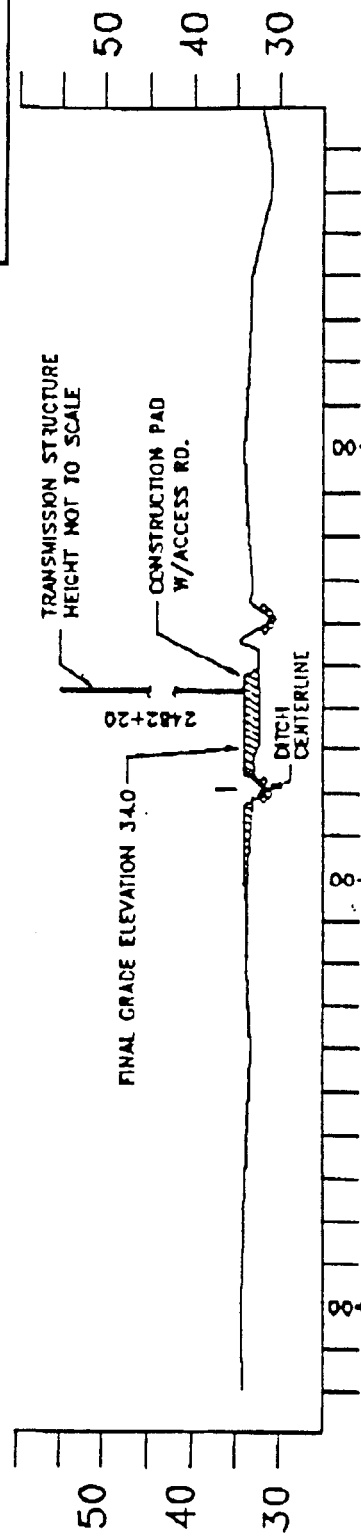
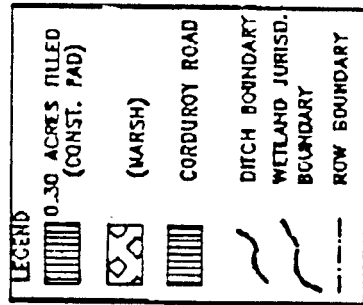
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FDER\SWFWMD
JURISDICTION
MARSH WETLAND

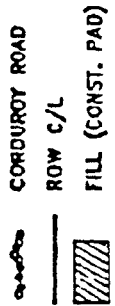


NOTE: EDGE OF CORDUROY ROAD
AND CONSTRUCTION PAD IN WETLAND
TO BE STAKED WITH HAY BALES
OR SILT SCREEN DEPENDENT ON SITE CO-
NDITIONS AT TIME OF CONSTRUCTION

NOTE: SURVEY INFORMATION
DETERMINED BY AERIAL
PHOTOMETRIC METHODS



LEGEND for PROFILE



WETLAND "2C30/31" PLAN/PROFILE

SCALE: 1"=200'

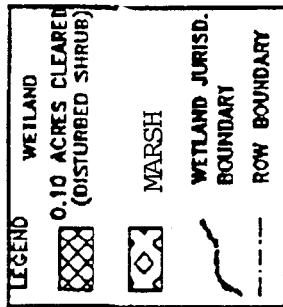
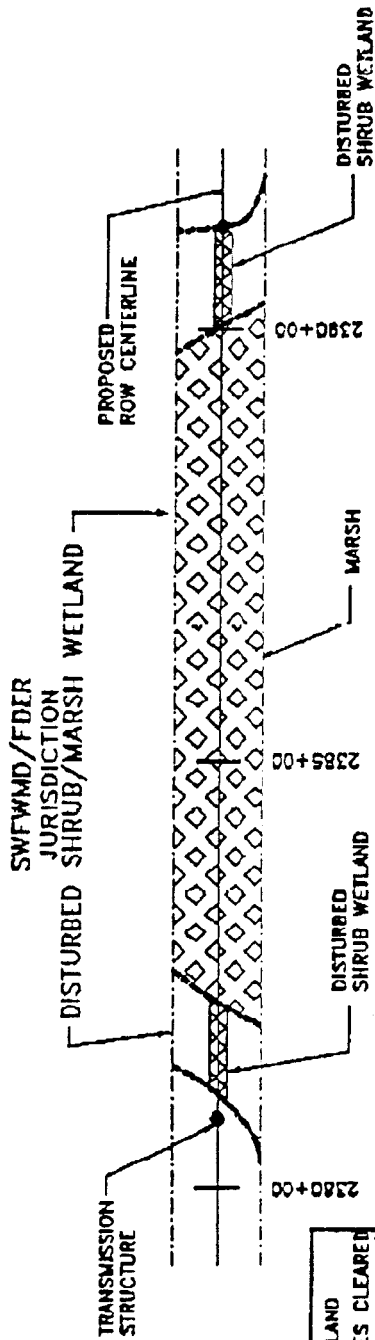


Smith & Bach

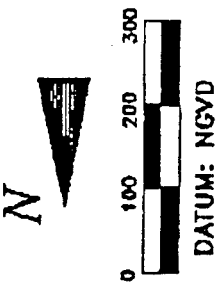
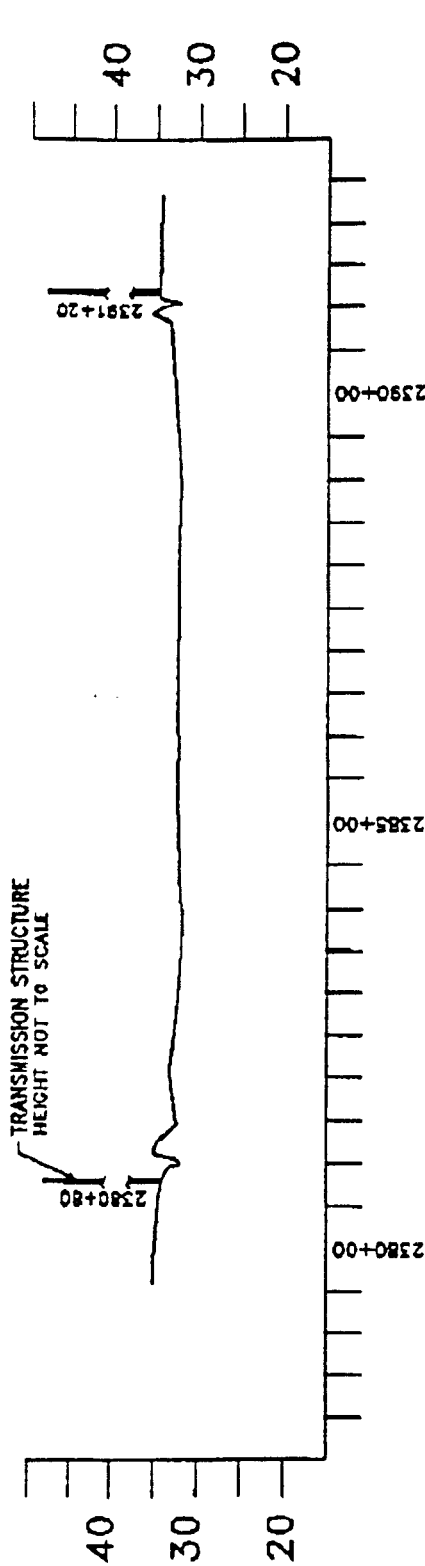
5-5-92

FIGURE 29/30

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NOTE: SURVEY INFORMATION
DETERMINED BY AERIAL
PHOTOMETRIC METHODS



WETLAND "2C25" PLAN/PROFILE

SCALE: 1"=200'



5-5-92 **FIGURE 26**

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