



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
MERRITT ISLAND REGULATORY OFFICE
2460 NORTH COURTENAY PARKWAY, SUITE 204
MERRITT ISLAND, FLORIDA 32953

REPLY TO
ATTENTION OF
Regulatory Division
North Permits Section

PUBLIC NOTICE

Permit Application No. SAJ-2004-8550 (IP-AWP) **SEP 30 2004**

TO WHOM IT MAY CONCERN: This district has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. §1344) as described below:

APPLICANT: Florida Department of Transportation
719 South Woodland Blvd.
Deland, Florida 32702

WATERWAY & LOCATION: The project included the widening of State Road (SR) 50 from Avalon Road to SR 429. The wetlands proposed for impact are located within the Lake Apopka Basin. The project typically drains by road side ditches, storm sewer and sheet flow to four cross drains, which drains to Brady Lake, Johns Lake, Black Lake and ultimately to Lake Apopka. The project is located in Sections 21 thru 28, Township 28 South, Range 27 East, Orange County, Florida.

Directions to the site are as follows: From the intersection of U.S. Highway 27 and SR 50 proceed east on SR 50. The project area is SR 50 from Avalon Road to SR 429.

LATITUDE & LONGITUDE: Beginning: Latitude 28°47'13" North
Longitude 81°11'06" West
Ending: Latitude 28°46'49" North
Longitude 81°10'03" West

PROJECT PURPOSE:

Basic: The basic project purpose is widening the existing roadway.

Overall: The overall project purpose is the widening of SR 50 from Avalon Road to SR 429.

PROPOSED WORK: The applicant proposes to impact approximately 0.64 acres of wetlands to upgrade the existing SR 50 five-lane rural road section to a six-lane divided urban section. The

improvements will provide continuous sidewalks and bike lanes along both sides of State Road 50. The project as proposed will also bisect unnamed wetlands, Lake Bennett, and Lake Lotta; all of which have been determined to be isolated and not within the Corps jurisdiction.

EXISTING CONDITIONS: Three surface waters and one wetland were identified and delineated along the project corridor. The surface waters consist of upland cut ditches that move across the right-of-way and border potential pond sites. Two ditches that intersect the roadway will be experience minor impacts from the extension of existing culverts needed to accommodated roadway widening.

The one wetland along the project corridor is partially situated on Pond Site N-2. The edge of this forested wetland is highly disturbed due to the previous agricultural activities on the adjacent uplands. The center of the system is dominated by native species such as sweetbay and red maple with an understory of cinnamon fern and shield fern. The outer portions of the system are comprised of chinaberry, air potato, laurel oak, and elderberry.

Endangered Species: The U.S. Army Corps of Engineers has determined the proposal would have no effect on any listed threatened or endangered species or designated critical habitat.

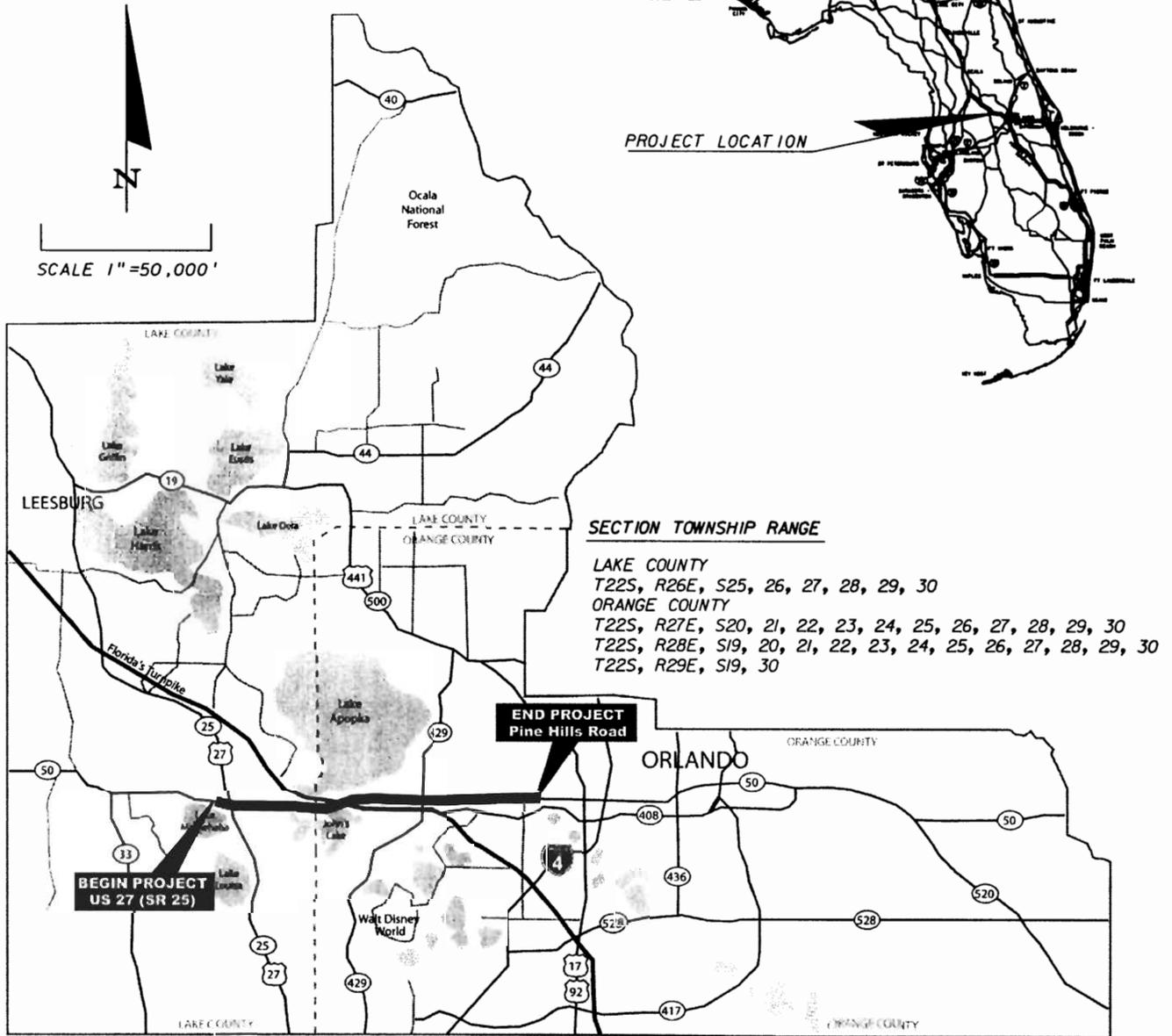
NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified. The jurisdictional line has not been verified by Corps personnel.

AUTHORIZATION FROM OTHER AGENCIES: Water Quality Certification may be required from the Florida Department of Environmental Protection and/or one of the state Water Management Districts.

Comments regarding the application should be submitted in writing to the District Engineer at the above address within 30 days from the date of this notice.

If you have any questions concerning this application, you may contact Andrew Phillips at the letterhead address, by electronic mail at Andrew.W.Phillips@saj02.usace.army.mil, by fax at 321-453-5220, or by telephone at 321-453-7655.

ORANGE/LAKE COUNTY
STATE ROAD 50
US27 TO PINE HILLS ROAD



INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	LOCATION MAP
2 TO 5	PLAN LAYOUT
P-6 TO P-9	PLAN SHEETS
P-10 TO P-13	CROSS SECTIONS
14	WETLAND IMPACTS SUMMARY TABLE

PLANS PREPARED BY:

CH2MHILL

U.S. Army Corps of Engineers

Application # SAS-2004-8550

Date: SEP 15 2004

Sheet 1 of 16

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION

PROJECT: STATE ROAD 50
US27 TO PINE HILLS ROAD

LOCATION: ORANGE/LAKE COUNTY OF FLORIDA

DATUM: 1988 NAVD

Paulette Fiske
Signed: Paulette Fiske
P.E. No. 45210
July 16, 2004
CH2MHILL
225 E. Robinson Street Suite 505
Orlando, FL. 32801
License No. 000072

DREDGE/FILL DETAILS
PURPOSE: WETLAND IMPACTS
SR50
AVALON ROAD TO SR429
DATE: JULY 16, 2004
SHEET NO. 1 OF 16



W OF US27 TO HANCOCK ROAD
SECTION NOT FUNDED

700

SR50

ELEVATION:
Sta 720+24.04 BK =
Sta 1304+85.47 AH

MATCHLINE STA. 1350+00

HANCOCK ROAD TO TURNPIKE
CORZO CASTELLA CARBALLO
THOMPSON SALMAN, P.A.

HANCOCK ROAD

SR50

400

MATCHLINE STA. 1350+00

MATCHLINE STA. 1435+00

HANCOCK ROAD TO TURNPIKE
CORZO CASTELLA CARBALLO
THOMPSON SALMAN, P.A.

1450

SR50

C.R. 455

C-6

C-7

1500

MATCHLINE STA. 1435+00

MATCHLINE STA. 1520+00

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION

PROJECT: STATE ROAD 50
US27 TO PINE HILLS ROAD

LOCATION: ORANGE/LAKE COUNTY OF FLORIDA

DATUM: 1988 NAVD

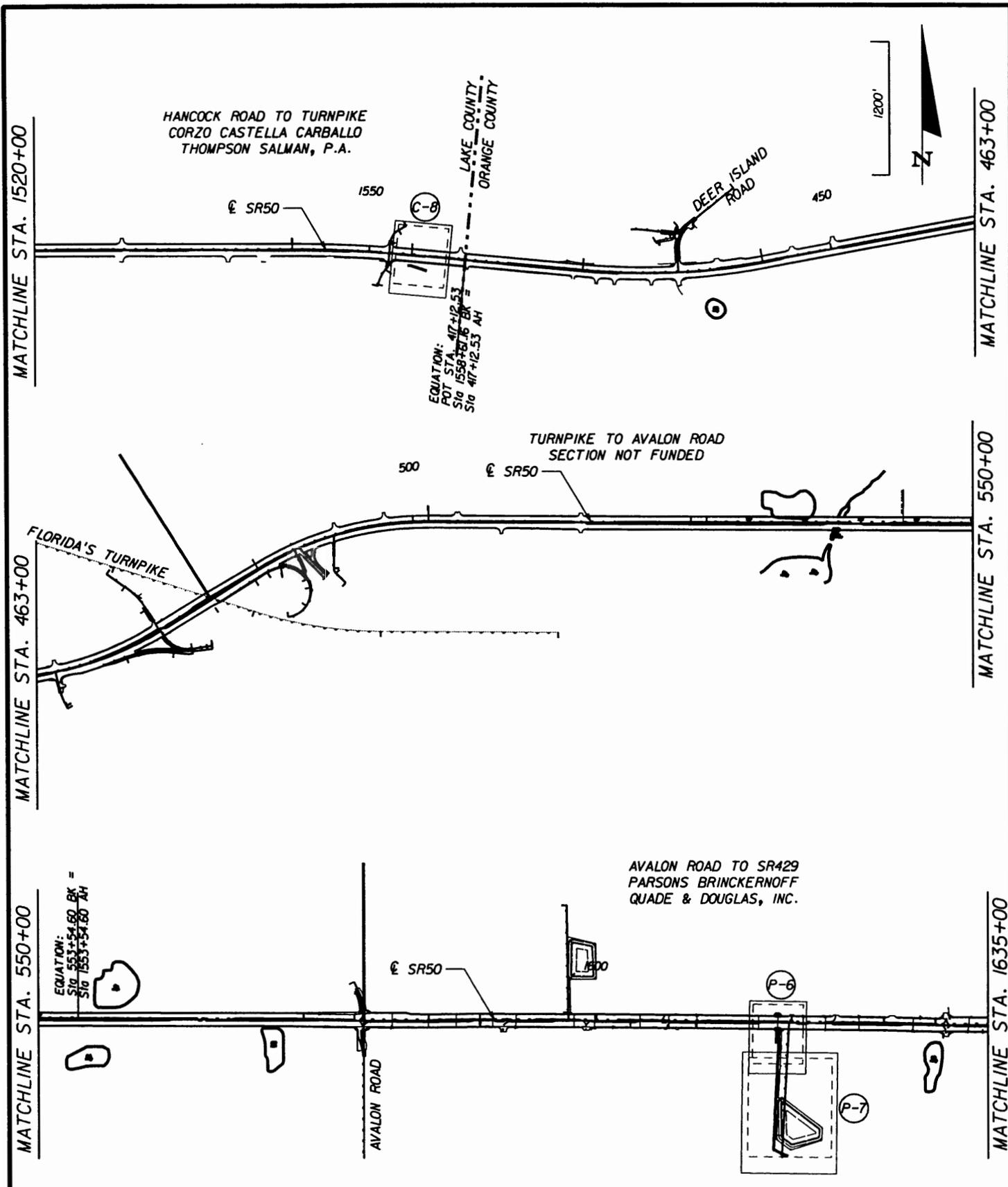
Paulette Fiske
Signed: Paulette Fiske
P. No. 45210
Devin P. Lowy
CH2MHILL
225 E. Robinson Street Suite 505
Orlando, FL 32801
License No. 000072

U.S. Army Corps of Engineers

Application # SAT-2004-8550

Date: SEP 15 2004

Sheet 2 of 16



APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION
 PROJECT: STATE ROAD 50
 US27 TO PINE HILLS ROAD
 LOCATION: ORANGE/LAKE COUNTY OF FLORIDA
 DATUM: 1988 NAVD

Paulette Fiske
 Signed: Paulette Fiske
 P.E. NO. 45210
 July 16, 2004
CH2M HILL
 225 E. Robinson Street Suite 5C
 Orlando, FL 32801
 License No. 000072

U.S. Army Corps of Engineers
 Application # SAJ-2004-8550
 Date: SEP 15 2004
 Sheet 3 of 16

MATCHLINE STA. 1635+00

AVALON ROAD TO SR429
PARSONS BRINCKERNOFF
QUADE & DOUGLAS, INC.



MATCHLINE STA. 1719+00

MATCHLINE STA. 1719+00

AVALON ROAD TO SR429
PARSONS BRINCKERNOFF
QUADE & DOUGLAS, INC.

SR429 TO GOOD HOMES ROAD
EARTH TECH CONSULTING, INC.

MATCHLINE STA. 803+00

MATCHLINE STA. 803+00

SR429 TO GOOD HOMES ROAD
EARTH TECH CONSULTING, INC.

MATCHLINE STA. 888+00

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION

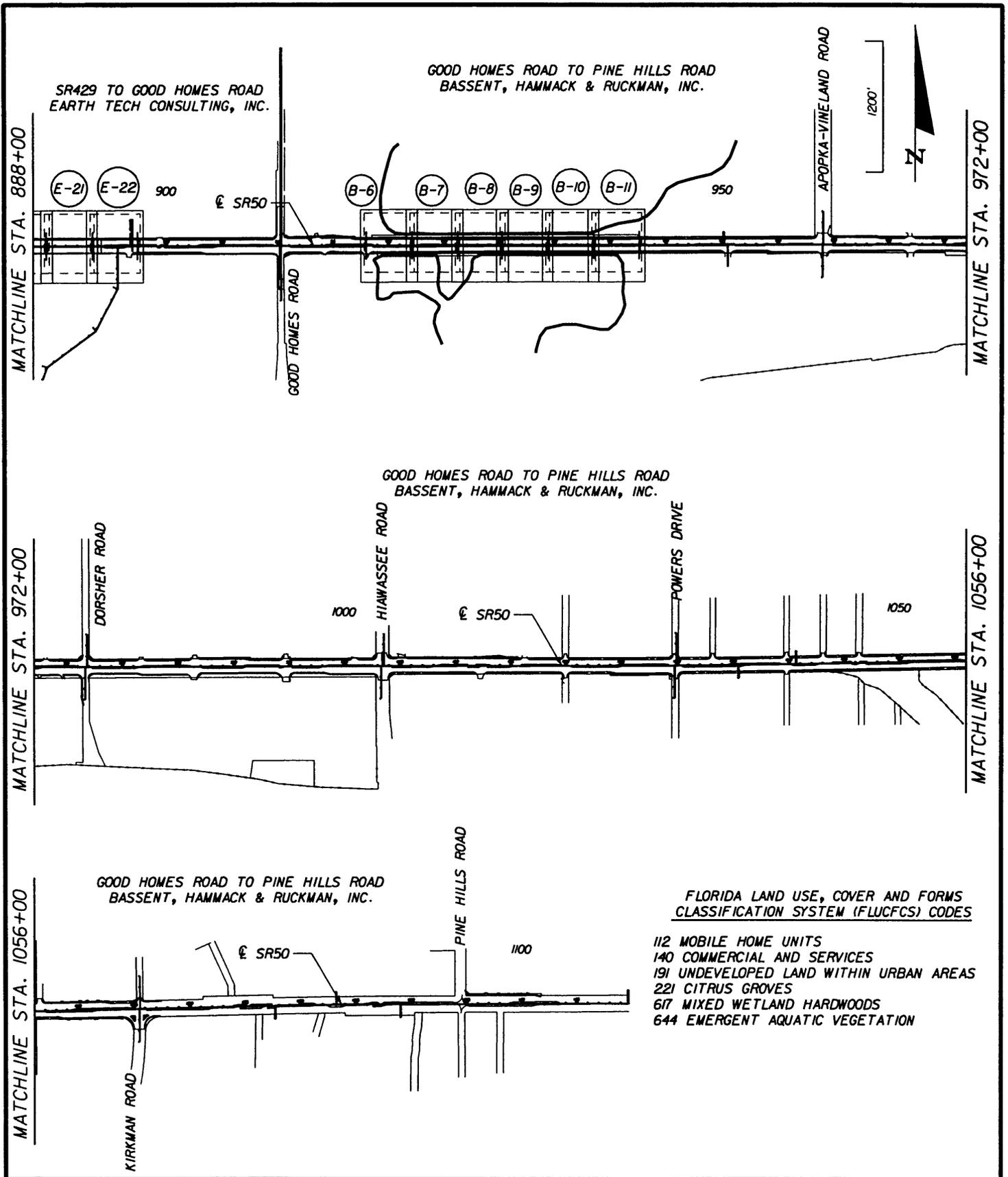
PROJECT: STATE ROAD 50
US27 TO PINE HILLS ROAD

LOCATION: ORANGE/LAKE COUNTY OF FLORIDA

DATUM: 1988 NAVD

Paulette Fiske
Signed: Paulette Fiske
P.E.A. NO. 45210
Date: 9/16/04
GH2M/HILL
225 E. Robinson Street Sul.
Orlando, FL. 32801
License No. 000072

U.S. Army Corps of Engineers
Application # SAT-2004-2550
Date: SEP 15 2004
Sheet 4 of 16



SR429 TO GOOD HOMES ROAD
EARTH TECH CONSULTING, INC.

GOOD HOMES ROAD TO PINE HILLS ROAD
BASSENT, HAMMACK & RUCKMAN, INC.

GOOD HOMES ROAD TO PINE HILLS ROAD
BASSENT, HAMMACK & RUCKMAN, INC.

GOOD HOMES ROAD TO PINE HILLS ROAD
BASSENT, HAMMACK & RUCKMAN, INC.

FLORIDA LAND USE, COVER AND FORMS
CLASSIFICATION SYSTEM (FLUCFCS) CODES

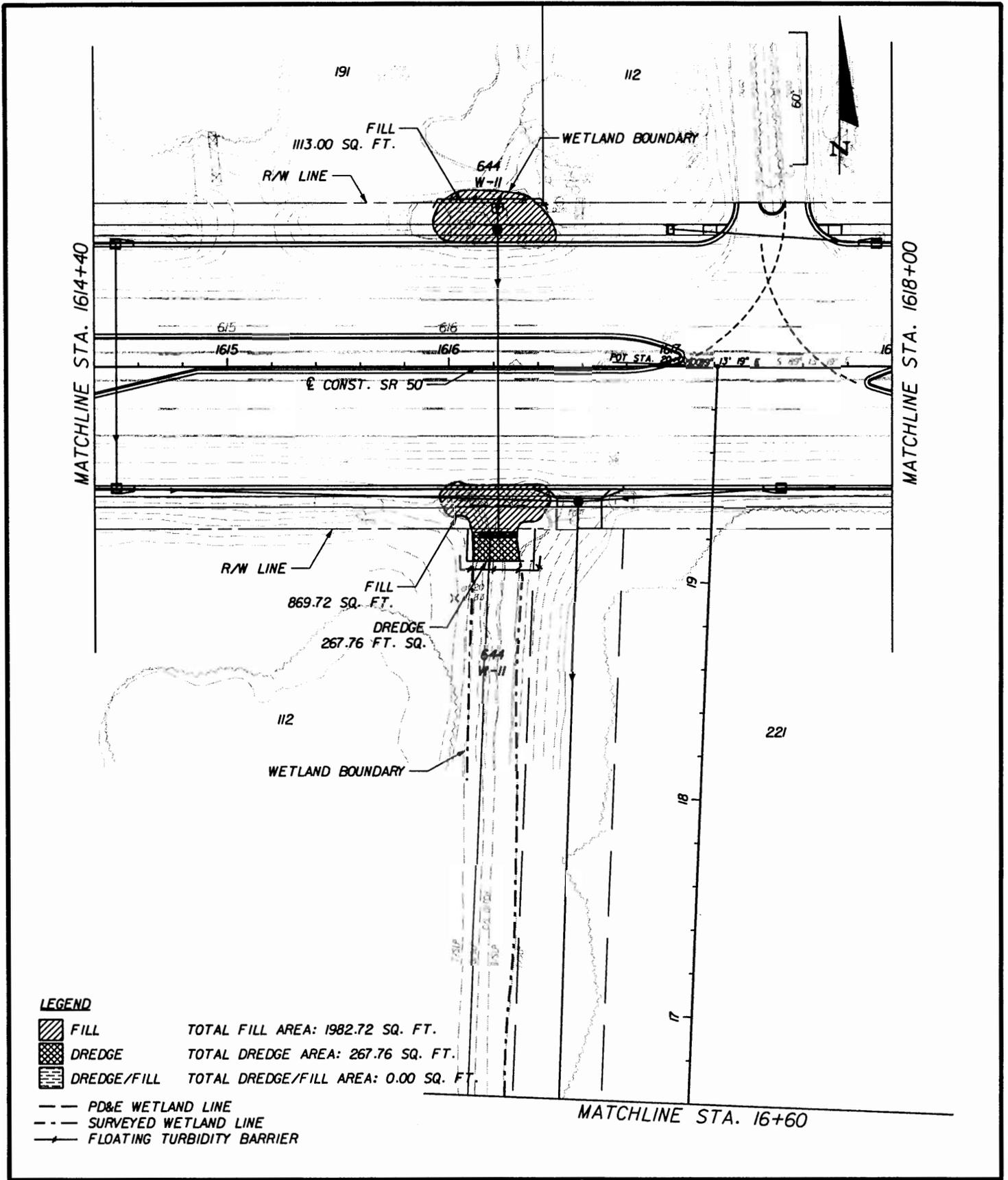
- 112 MOBILE HOME UNITS
- 140 COMMERCIAL AND SERVICES
- 191 UNDEVELOPED LAND WITHIN URBAN AREAS
- 221 CITRUS GROVES
- 617 MIXED WETLAND HARDWOODS
- 644 EMERGENT AQUATIC VEGETATION

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION
PROJECT: STATE ROAD 50
US27 TO PINE HILLS ROAD

LOCATION: ORANGE/LAKE COUNTY OF FLORIDA
DATUM: 1988 NAVD

Paulette Fiske
Signed: Paulette Fiske
P.E. NO. 45219
CH2MHILL
225 E. Robinson Street Suite
Orlando, FL 32801
License No. 000072

U.S. Army Corps of Engineers
Application # SAT-2004-8550
Date: SEP 15 2004
Sheet 5 of 16



LEGEND

- FILL TOTAL FILL AREA: 1982.72 SQ. FT.
- DREDGE TOTAL DREDGE AREA: 267.76 SQ. FT.
- DREDGE/FILL TOTAL DREDGE/FILL AREA: 0.00 SQ. FT.
- PD&E WETLAND LINE
- SURVEYED WETLAND LINE
- FLOATING TURBIDITY BARRIER

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION
 PROJECT: STATE ROAD 50
 US27 TO PINE HILLS ROAD
 LOCATION: ORANGE/LAKE COUNTY OF FLORIDA
 DATUM: 1988 NAVD

Signed: Paulette Fiske
 P.E. NO. 45210
 Date: July 16 2004
CH2M HILL
 225 E. Robinson Street Suite 505
 Orlando, FL. 32801
 License No. 000072

D
P
S
A
D
S

U.S. Army Corps of Engineers
 Application # 515-2004-8550
 Date: SEP 15 2004
 Sheet 6 of 16

MATCHLINE STA. 16+60



112

221

CONST.

WETLAND BOUNDARY

DREDGE/FILL
80.51 SQ. FT.

POND L-7

LEGEND



FILL

TOTAL FILL AREA: 0.00 SQ. FT.



DREDGE

TOTAL DREDGE AREA: 0.00 SQ. FT.



DREDGE/FILL

TOTAL DREDGE/FILL AREA: 80.51 SQ. FT.

--- PD&E WETLAND LINE

- - - SURVEYED WETLAND LINE

--- FLOATING TURBIDITY BARRIER

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION

PROJECT: STATE ROAD 50
US27 TO PINE HILLS ROAD

LOCATION: ORANGE/LAKE COUNTY OF FLORIDA

DATUM: 1988 NAVD

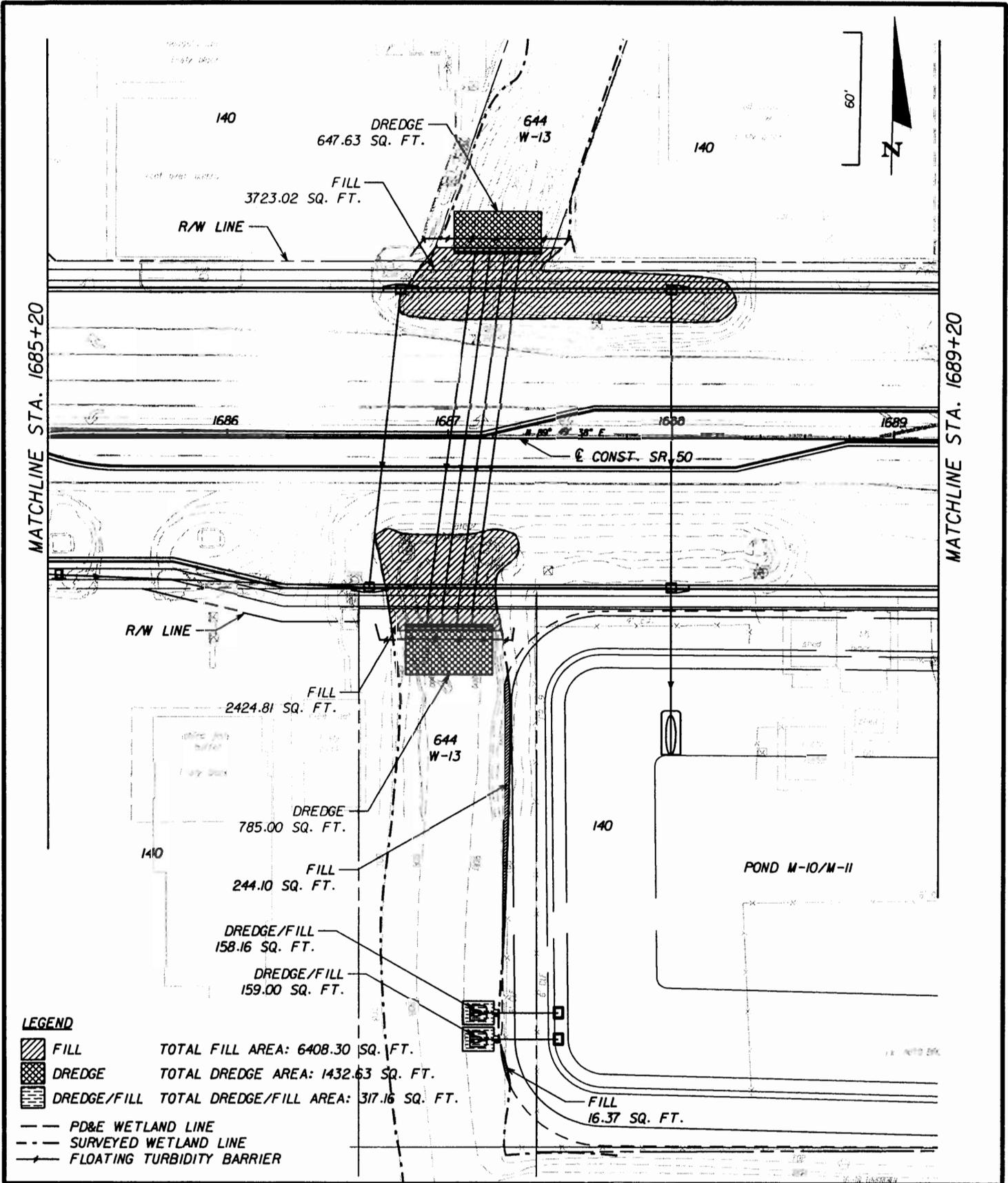
Paulette Fiske
Signed: Paulette Fiske
P.E. NO. 45210
Date: *July 16 2004*
CH2MHILL
225 E. Robinson Street Suite 505
Orlando, FL. 32801
License No. 000072

U.S. Army Corps of Engineers

Application # *SAS-2004-8580*

Date: **SEP 15 2004**

Sheet **7** of **16**



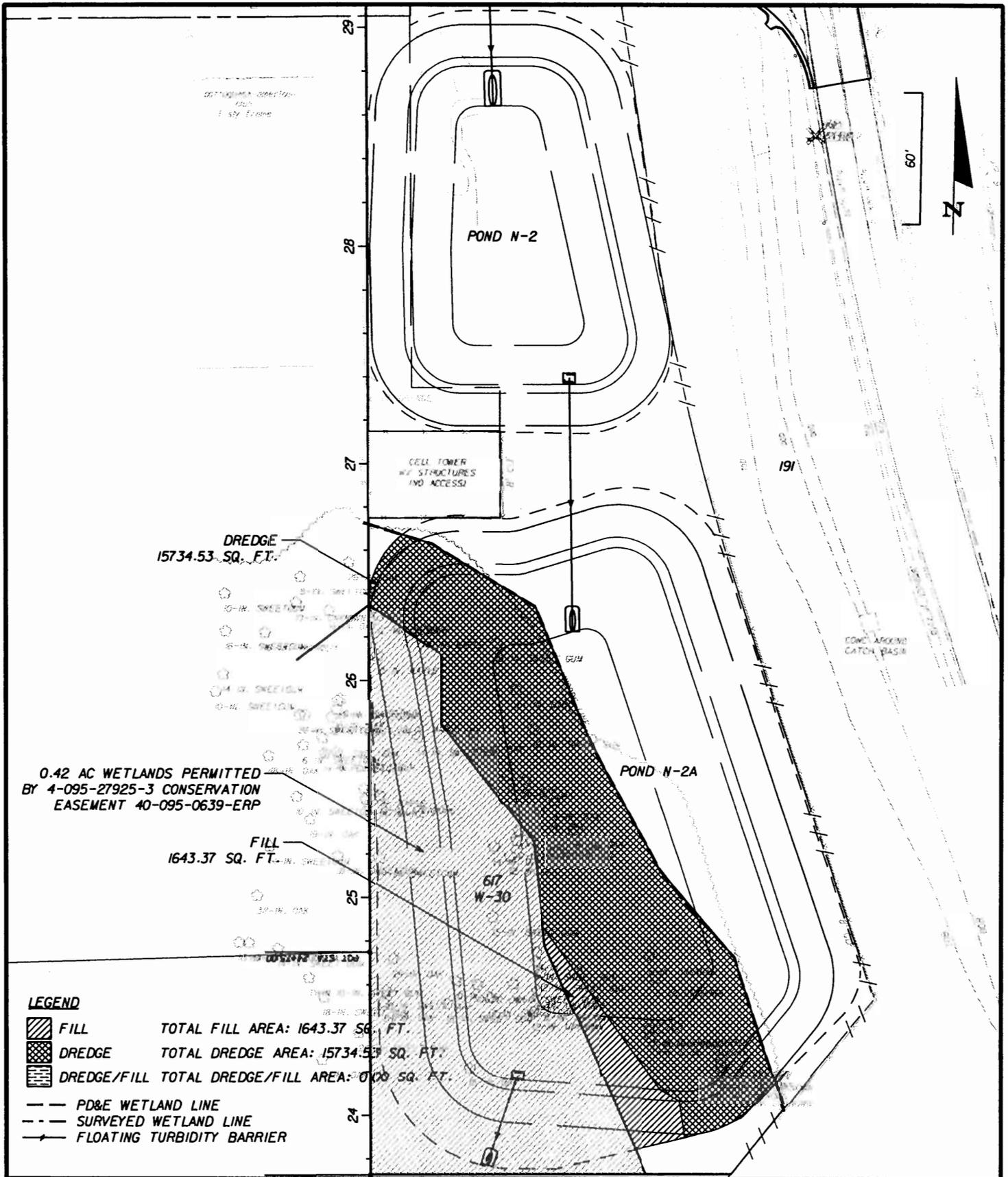
LEGEND

- FILL TOTAL FILL AREA: 6408.30 SQ. FT.
- DREDGE TOTAL DREDGE AREA: 1432.63 SQ. FT.
- DREDGE/FILL TOTAL DREDGE/FILL AREA: 317.16 SQ. FT.
- PD&E WETLAND LINE
- - - SURVEYED WETLAND LINE
- FLOATING TURBIDITY BARRIER

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION
 PROJECT: STATE ROAD 50
 US27 TO PINE HILLS ROAD
 LOCATION: ORANGE/LAKE COUNTY OF FLORIDA
 DATUM: 1988 NAVD

Paulette Fiske
 Signed: Paulette Fiske
 P.E. NO. 45210
 July 16, 2004
CH2MHILL
 225 E. Robinson Street Suite 5
 Orlando, FL 32801
 License No. 000072

U.S. Army Corps of Engineers
 Application # SAT-2004-8550
 Date: SEP 15 2004
 Sheet 8 of 16

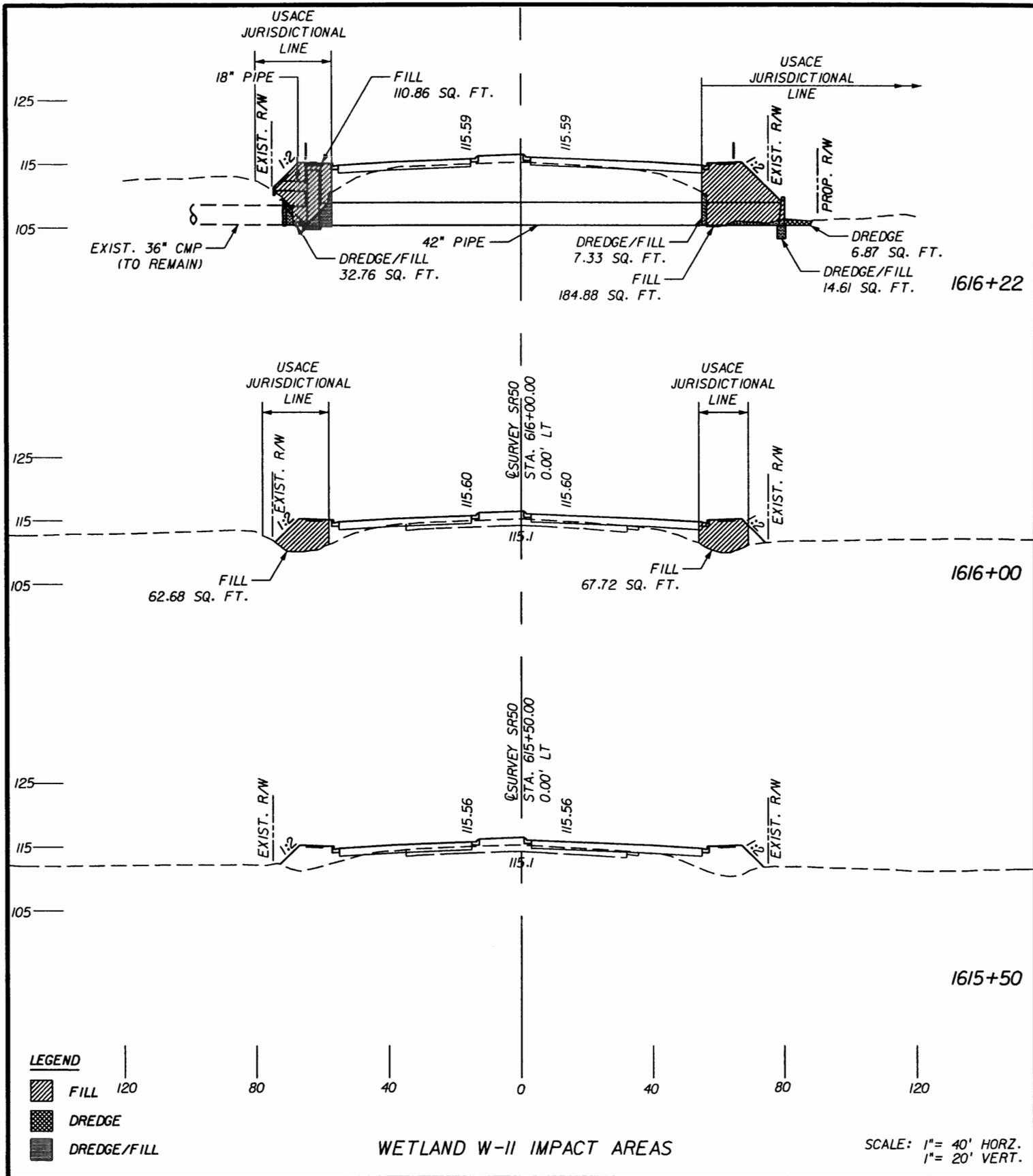


APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION
 PROJECT: STATE ROAD 50
 US27 TO PINE HILLS ROAD

LOCATION: ORANGE/LAKE COUNTY OF FLORIDA
 DATUM: 1988 NAVD

Paulette Fiske
 Signed: Paulette Fiske
 P.E. NO. 45210
 July 16 2004
CH2M HILL
 225 E. Robinson Street Suite 505
 Orlando, FL 32801
 License No. 000072

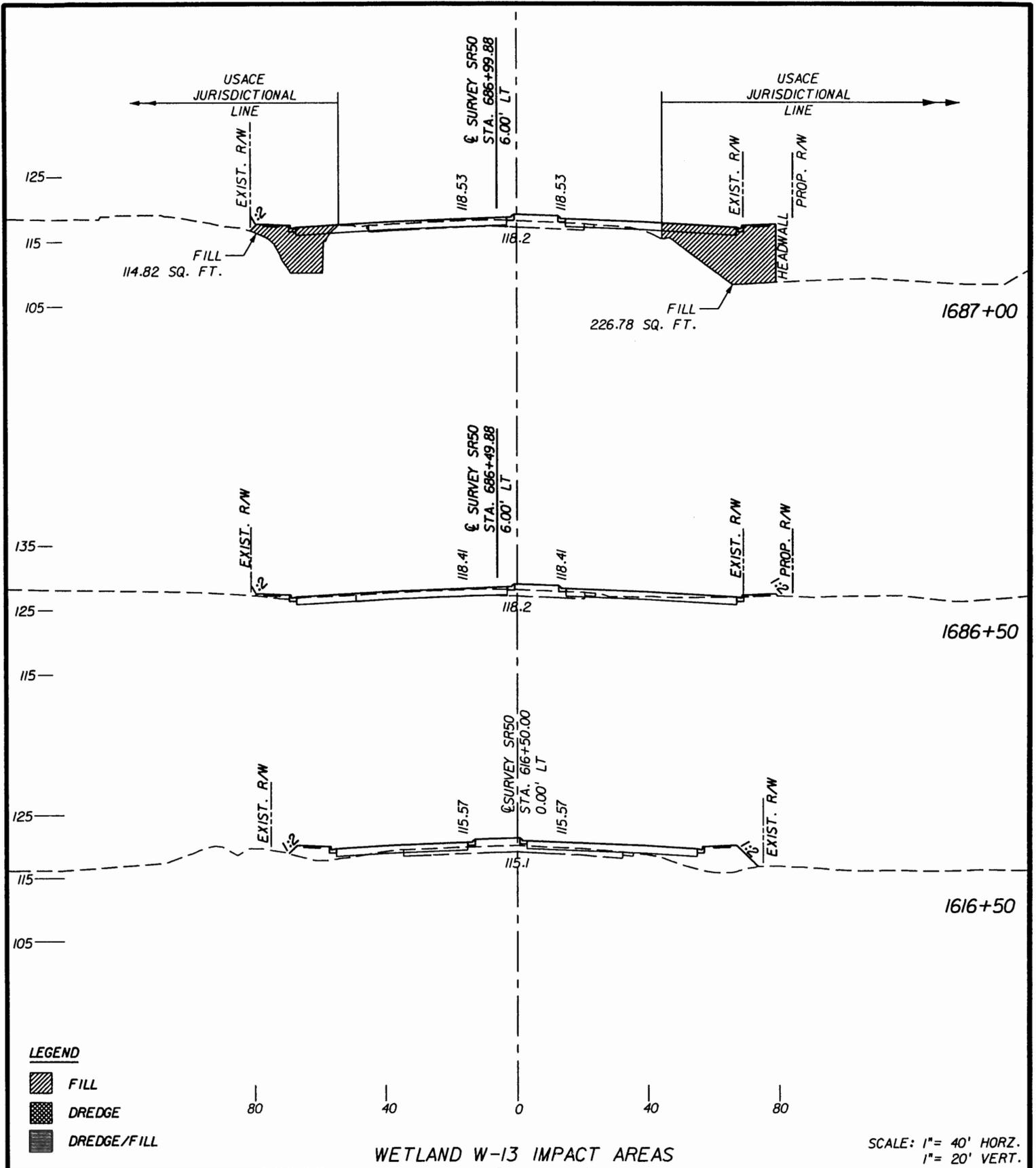
U.S. Army Corps of Engineers
 Application # SAT-2004-8550
 Date: SEP 15 2004
 Sheet 7 of 16



APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION
 PROJECT: STATE ROAD 50
 US27 TO PINE HILLS ROAD
 LOCATION: ORANGE/LAKE COUNTY OF FLORIDA
 DATUM: 1988 NAVD

Paulette Fiske
 Signed: Paulette Fiske
 P.E. NO. 45210
 July 16, 2004
CH2MHILL
 225 E. Robinson Street Suite 5C
 Orlando, FL 32801
 License No. 000072

U.S. Army Corps of Engineers
 Application # *SAT-2004-8550*
 Date: **SEP 15 2004**
 Sheet 10 of 16



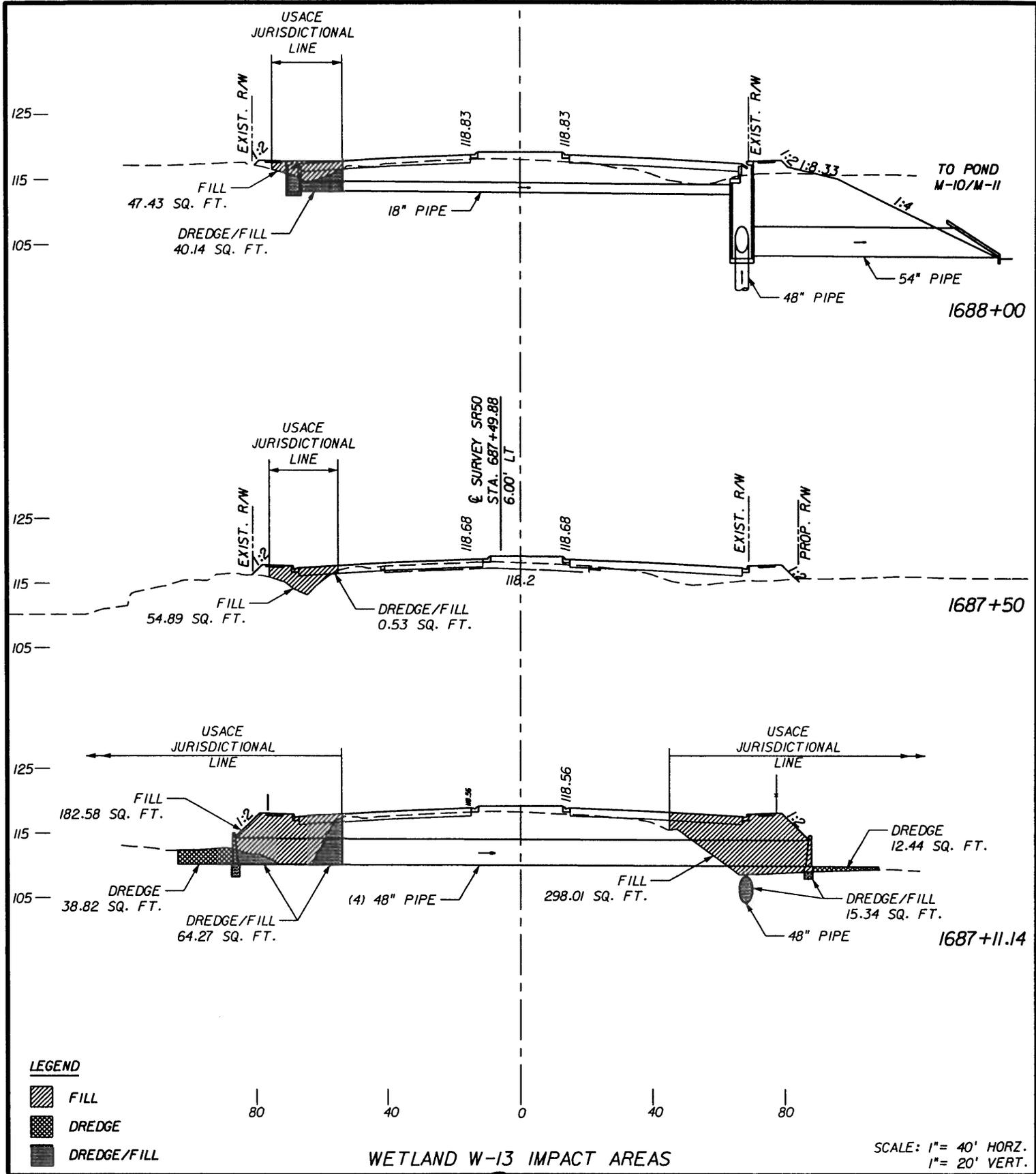
WETLAND W-13 IMPACT AREAS

SCALE: 1" = 40' HORZ.
1" = 20' VERT.

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION
 PROJECT: STATE ROAD 50
 US27 TO PINE HILLS ROAD
 LOCATION: ORANGE/LAKE COUNTY OF FLORIDA
 DATUM: 1988 NAVD

Paulette Fiske
 Signed: Paulette Fiske
 P.E. NO. 45210
 July 16 2004
CH2MHILL
 225 E. Robinson Street Suite 1
 Orlando, FL. 32801
 License No. 000072

U.S. Army Corps of Engineers
 Application # SAT-2004-8530
 Date: SEP 15 2004
 Sheet 11 of 16



LEGEND

- FILL
- DREDGE
- DREDGE/FILL

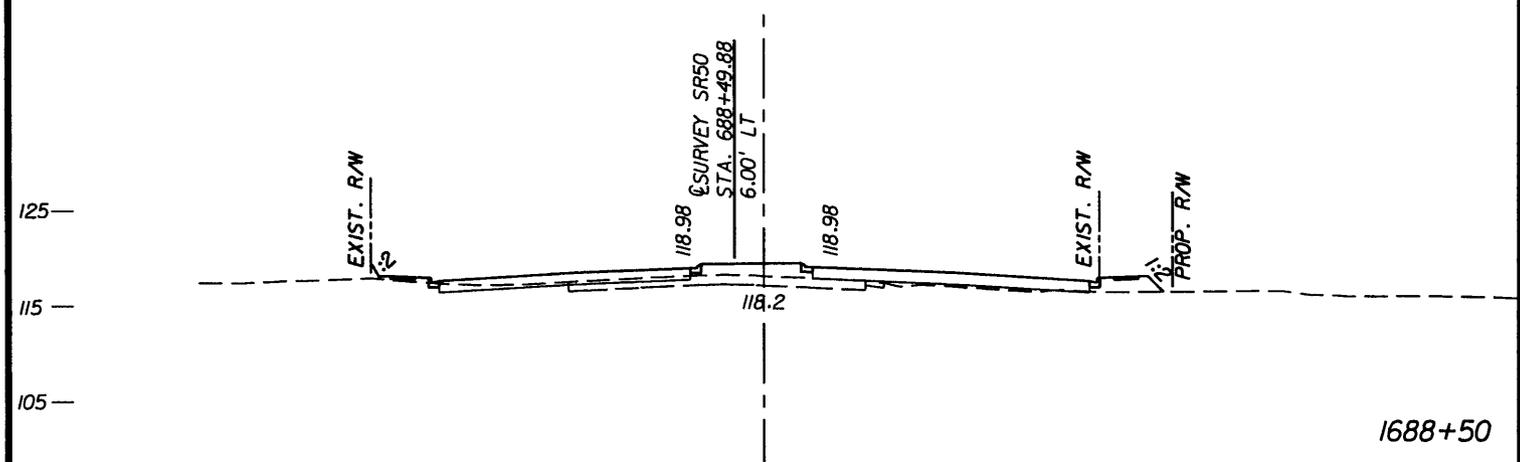
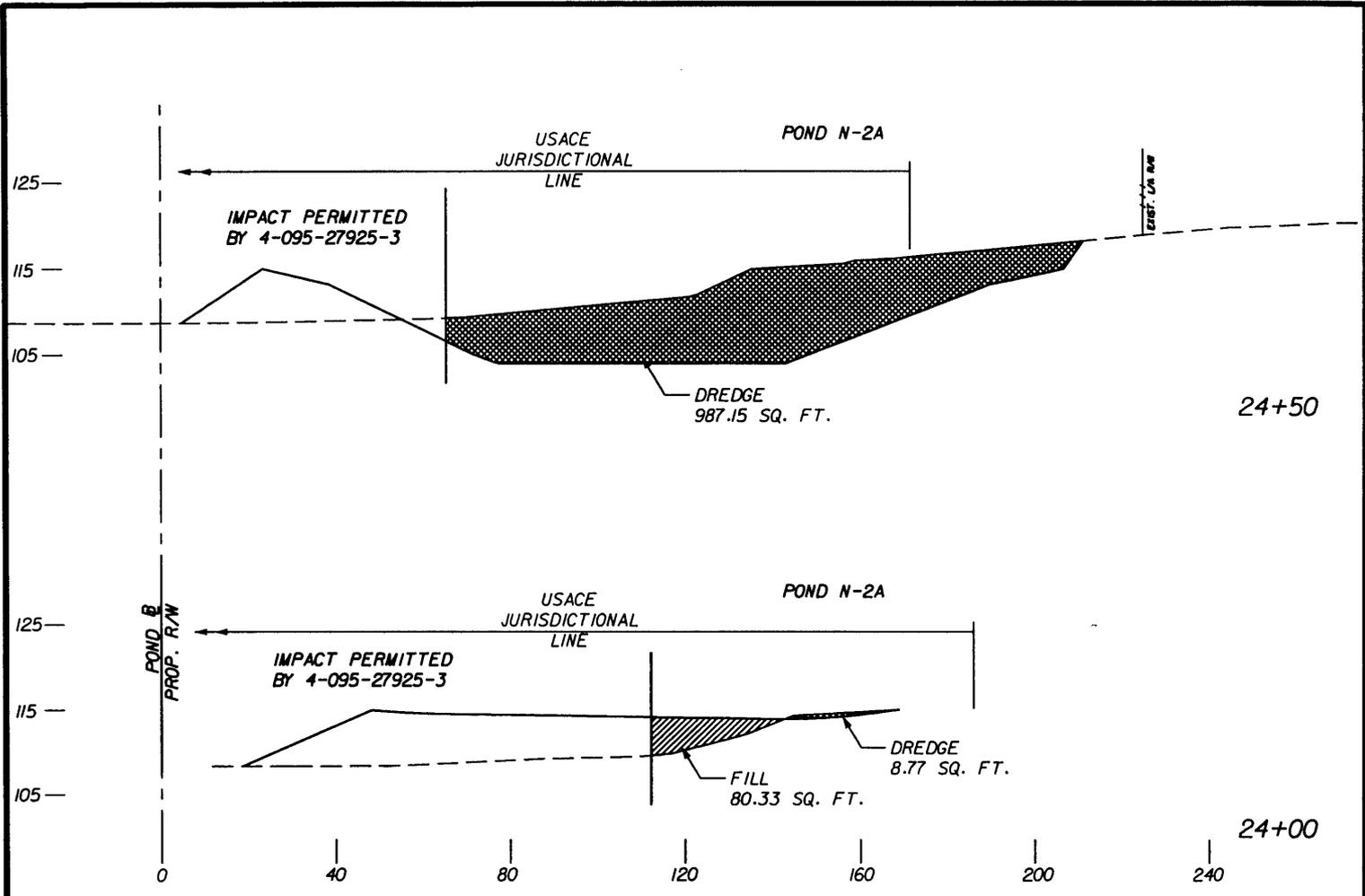
WETLAND W-13 IMPACT AREAS

SCALE: 1" = 40' HORIZ.
1" = 20' VERT.

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION
 PROJECT: STATE ROAD 50
 US27 TO PINE HILLS ROAD
 LOCATION: ORANGE/LAKE COUNTY OF FLORIDA
 DATUM: 1988 NAVD

Paulette Fiske
 Signed: Paulette Fiske
 P.E. NO. 45210
 July 16 2004
CH2MHILL
 225 E. Robinson Street Suite 5x
 Orlando, FL. 32801
 License No. 000072

U.S. Army Corps of Engineers
 Application # SAT-2004-8530
 Date: SEP 15 2004
 Sheet 12 of 16



LEGEND

- FILL
- DREDGE
- DREDGE/FILL

WETLAND W-30 IMPACT AREAS

SCALE: 1" = 40' HORZ.
1" = 20' VERT.

APPLICANT: FLORIDA DEPARTMENT OF TRANSPORTATION
 PROJECT: STATE ROAD 50
 US27 TO PINE HILLS ROAD
 LOCATION: ORANGE/LAKE COUNTY OF FLORIDA
 DATUM: 1988 NAVD

Paulette J. Fiske
 Signed: Paulette Fiske
 P.E. NO. 45210
 12/16/2004
CH2M HILL
 225 E. Robinson Street Sulte
 Orlando, FL. 32801
 License No. 000072

U.S. Army Corps of Engineers
 Application # SAT-2004-8550
 Date: SEP 15 2004
 Sheet 13 of 16

IMPACT ON NATURAL RESOURCES: Preliminary review of this application indicates that an Environmental Impact Statement will not be required. Coordination with U.S. Fish and Wildlife Service, Environmental Protection Agency (EPA), the National Marine Fisheries Services, and other Federal, State, and local agencies, environmental groups, and concerned citizens generally yields pertinent environmental information that is instrumental in determining the impact the proposed action will have on the natural resources of the area. By means of this notice we are soliciting comments on the potential effects of the project on threatened or endangered species or their habitat.

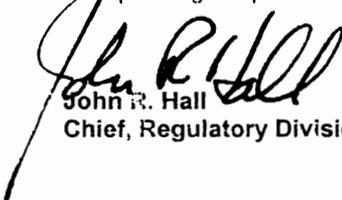
IMPACT ON CULTURAL RESOURCES: Review of the latest published version of the National Register of Historic Places indicates that no registered properties, or properties listed as eligible or inclusion therein, are located at the site of the proposed work. Presently, unknown archeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including cumulative impacts thereof; among these are conservation, economics, esthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. Evaluation of the impact of the activity on the public interest will also include application of the guidelines promulgated by the Administrator, EPA, under authority of Section 404(b) of the Clean Water Act of the criteria established under authority of Section 102(a) of the Marine, Protection, Research, and Sanctuaries Act of 1972. A permit will be granted unless its issuance is found to be contrary to the public interest.

The U.S. Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make or deny this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

COASTAL ZONE MANAGEMENT CONSISTENCY: In Florida, the State approval constitutes compliance with the approved Coastal Zone Management Plan. In Puerto Rico, a Coastal Zone Management Consistency Concurrence is required from the Puerto Rico Planning Board. In the Virgin Islands, the Department of Planning and Natural Resources permit constitutes compliance with approved Coastal Zone Management Plan.

REQUEST FOR PUBLIC HEARING: Any person may request a public hearing. The request must be submitted in writing to the District Engineer within the designated comment period of the notice and must state the specific reasons for requesting the public hearing.


John R. Hall
Chief, Regulatory Division