



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
COCOA PERMITS SECTION
400 HIGH POINT DRIVE, SUITE 600
COCOA, FLORIDA 32926

DEC 24 2008

Cocoa Permits Section

PUBLIC NOTICE

Permit Application No. SAJ-2008-1810 (IP-AWP)

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
Attn: Patrick Muench
719 South Woodland Blvd.
DeLand, Florida 32720

WATERWAY & LOCATION: The applicant proposes to impact wetlands located within the right-of-way of Interstate 4 from south of Orange Blossom Trail to north of Maitland Blvd. The project is located in Sections 26 & 35, Township 21 South, Range 29 East, Sections 2, 11, 12, 13, 24, 25, 35, & 36, Township 22 South, Range 29 East, Sections 2, 3, 9, 10, & 11, Township 23 South, Range 29 East, Orange County, Florida.

Directions to the site are as follows: The project is located within the right-of-way of Interstate 4 from south of Orange Blossom Trail to north of Maitland Blvd.

LATITUDE & LONGITUDE: Latitude 28.5631 North
Longitude 81.3778 West

PROJECT PURPOSE:

Basic: Ultimate design improvements to Interstate 4.

Overall: Ultimate design improvements to Interstate 4 from south of Orange Blossom Trail to north of Maitland Blvd.

PROPOSED WORK: The applicant proposes to impact 5.87 acres of waters of United States (wetlands and surface waters) widen Interstate 4 to meet the ultimate design identified in the Interstate 4 Final Environmental Impact Statement. The Ultimate

Interstate 4 improvements involving total reconstruction of 9.9 miles of Interstate 4 from South of Orange Blossom Trail to North of Maitland Blvd. The ultimate design of Interstate 4 consists of multiple safety and capacity improvement by widening the existing to six (6) general use lanes (GUL) and four (4) special use lanes (SUL) with additional auxiliary lanes where applicable. This project will also reconstruct and reconfigure multiple interchanges including the realignment of on and off ramps and associated local road improvements. The project will involve the construction and expansion of multiple surface water management facilities to provide stormwater attenuation and water quality treatment for the proposed improvements.

Avoidance and Minimization Information: The applicant has provided the following information in support of efforts to avoid and/or minimize impacts to the aquatic environment:

The project was evaluated in the I-4 Project Development & Environmental (EIS) - Section 2 Final Environmental Impact Statement. The proposed widening is consistent with the ultimate improvements described in the completed EIS. Copies of the I-4 PD&E - Section 2 Environmental Impact Statement can be obtained from the Florida Department of Transportation District-5 office in DeLand, Florida.

Compensatory Mitigation: The applicant has offered the following compensatory mitigation plan to offset unavoidable functional loss to the aquatic environment: Wetland impacts will be mitigated pursuant to the Senate Bill 1986 Rule - Section 373.4137 Florida Statutes (F.S.).

EXISTING CONDITIONS:

Lake Concord: Impacts are proposed to the littoral zone of the eastern fringe of Lake Concord, a 66-acre natural lake. The littoral zone is narrow and drops quickly with a high wave action that limits the amount of aquatic vegetation. Emergent vegetation includes duck potato, spatterdock, pickerelweed, eelgrass, and cattail.

Lake Ivanhoe: Impacts are proposed to the wetland fringe and littoral zone of Lake Ivanhoe where Interstate 4 bisects the lake. The wetland fringe is vegetated with cypress, primrose willow, cabbage palm, Brazilian pepper and elderberry.

Lake Fair: Lake Fair is a 2.3-acre lake that currently being used as a stormwater treatment area. Impacts are proposed along

the eastern edge of the system. Vegetation along the wetland edge includes cypress, primrose willow, and arrowhead pickerelweed.

Lake Lucerne: Impacts are proposed to the littoral zones of the western and eastern lobes of the 19-acre lake. The lake has been bisected by the construction of State Road 408. The landward edge of the lake consists of pond cypress, laurel oak, and cabbage palm. Vegetation distributions is patchy, with littoral fringe consists of alligator weed, dollarweed, Carolina willow. Due to its isolated condition and lack of significant nexus to traditional navigable waters of the United States; it has been determined that this lake is not jurisdictional.

Lake Angel: Impacts are proposed to the fringes of Lake Angel which is a 4.08 acre man-made borrow pit excavated during the original Interstate 4 construction. Due to its isolated condition and lack of significant nexus to traditional navigable waters of the United States; it has been determined that this lake is not jurisdictional.

Lake Lucien: Impacts are proposed to the fringe of Lake Lucien. The overstory consists of mature cypress trees and an understory of willows and wax myrtle as well as primrose willow.

ENDANGERED SPECIES: The Corps has determined the proposal would have no effect on any listed threatened or endangered species or designated critical habitat.

ESSENTIAL FISH HABITAT (EFH): Based on the projects location inside of an existing interstate right-of-way, the distance from tidal influence waters, and generally isolated nature the Corps has determined the proposal would have no effect on EFH.

NOTE: This public notice is being issued based on information furnished by the applicant. This information has not been verified or evaluated to ensure compliance with laws and regulation governing the regulatory program. The jurisdictional line has not been verified by Corps personnel.

AUTHORIZATION FROM OTHER AGENCIES: Water Quality Certification will be required from the St. Johns River 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@usace.army.mil, by fax at 321-504-3803, or by telephone at 321-504-3771 extension 14.

The decision whether to issue or deny this permit application will be based on the information received from this public notice and the evaluation of the probable impact to the associated wetlands. This is based on an analysis of the applicant's avoidance and minimization efforts for the project, as well as the compensatory mitigation proposed.

IMPACT ON NATURAL RESOURCES: Preliminary review of this application indicates that an Environmental Impact Statement will not be required. Coordination with US 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 for inclusion therein, are located at the site of the proposed work. Presently, unknown archaeological, 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, historical 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.

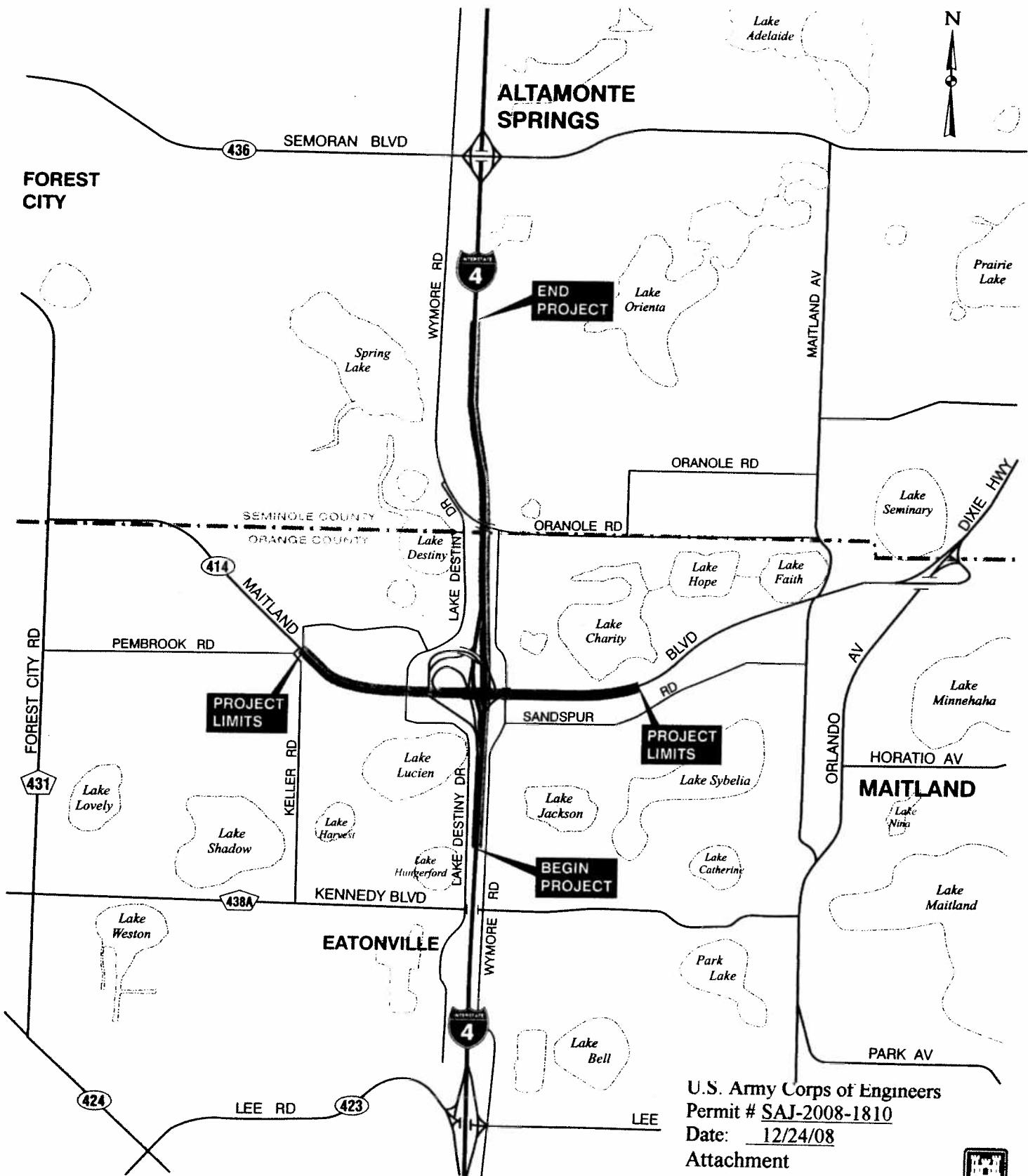
The US Army Corps of Engineers (Corps) is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of 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.



David S. Hobbie
Regulatory Division

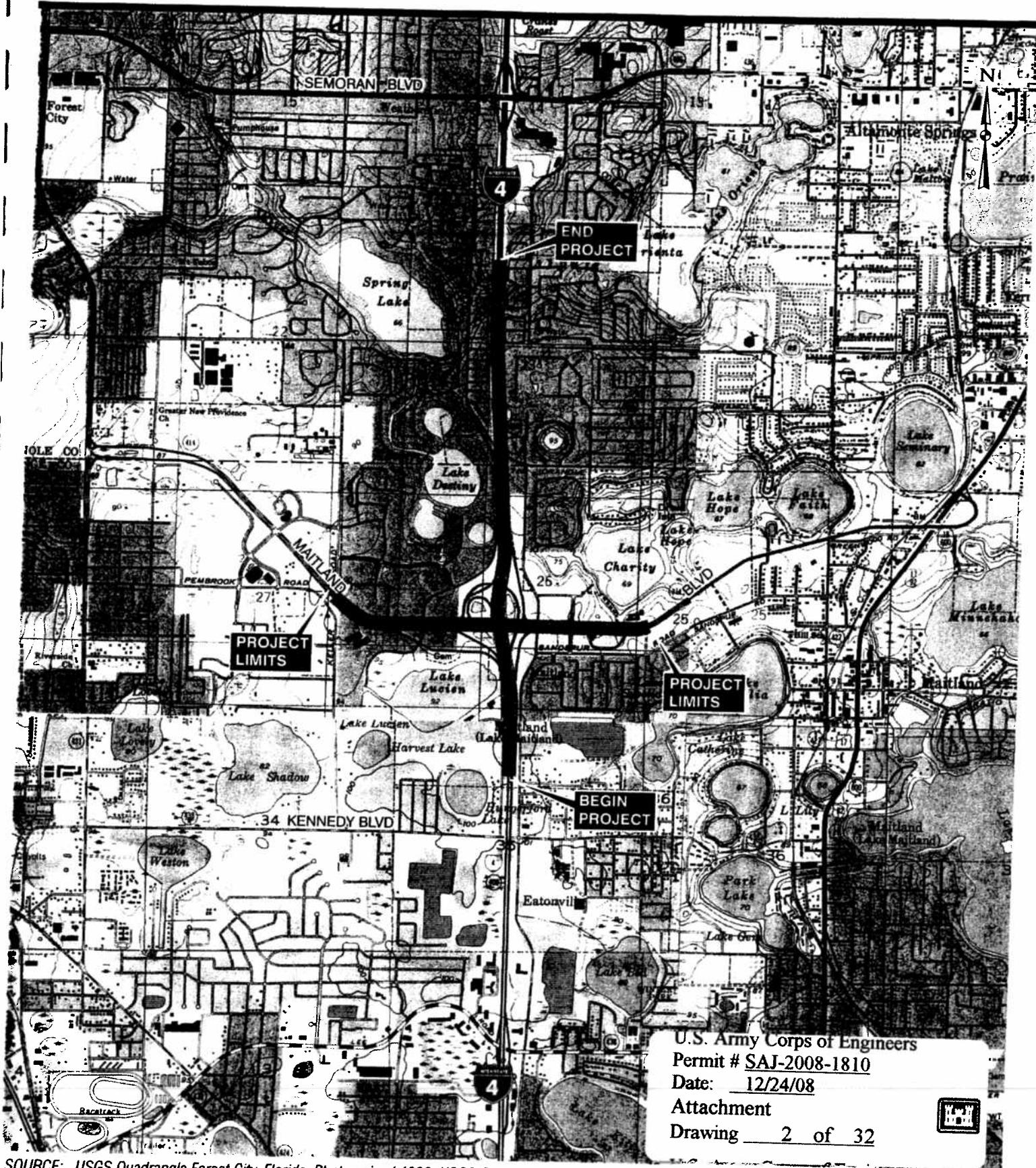


SR 400 (I-4)
North of Kennedy Boulevard
to north of Maitland Boulevard
ORANGE AND SEMINOLE COUNTIES
Fin No. 242484-6-32-01



Project Location Map

Figure 1



SOURCE: USGS Quadrangle Forest City, Florida, Photorevised 1980; USGS Quadrangle Casselberry, Florida, Photorevised 1980; USGS Quadrangle Orlando East, Florida, photorevised 1980; and USGS Quadrangle Orlando West, Florida, Photorevised 1980

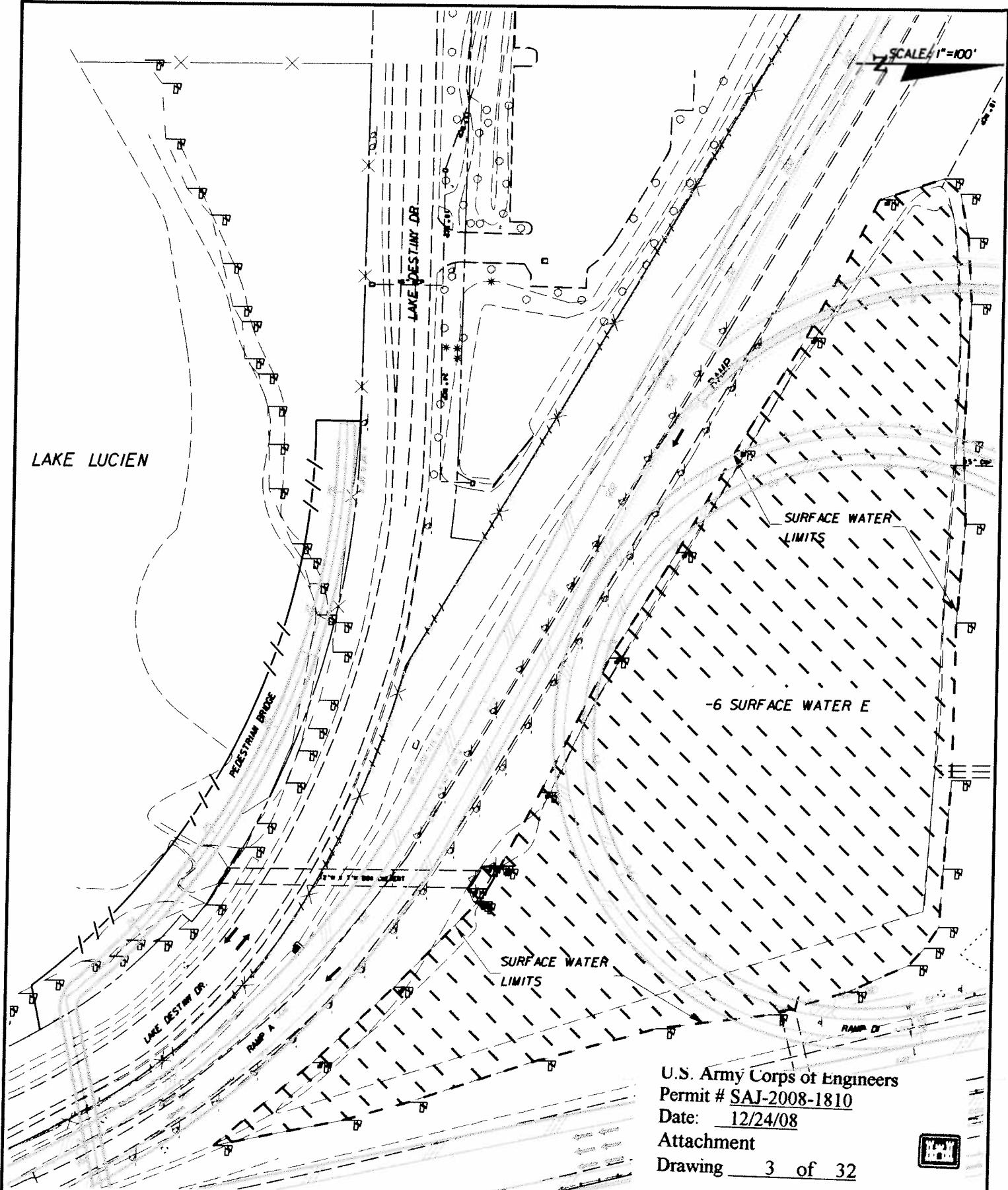
SR 400 (I-4)

**North of Kennedy Boulevard
to north of Maitland Boulevard
ORANGE AND SEMINOLE COUNTIES**
Fin No. 242484-6-32-01



USGS Quad Map

Figure 2



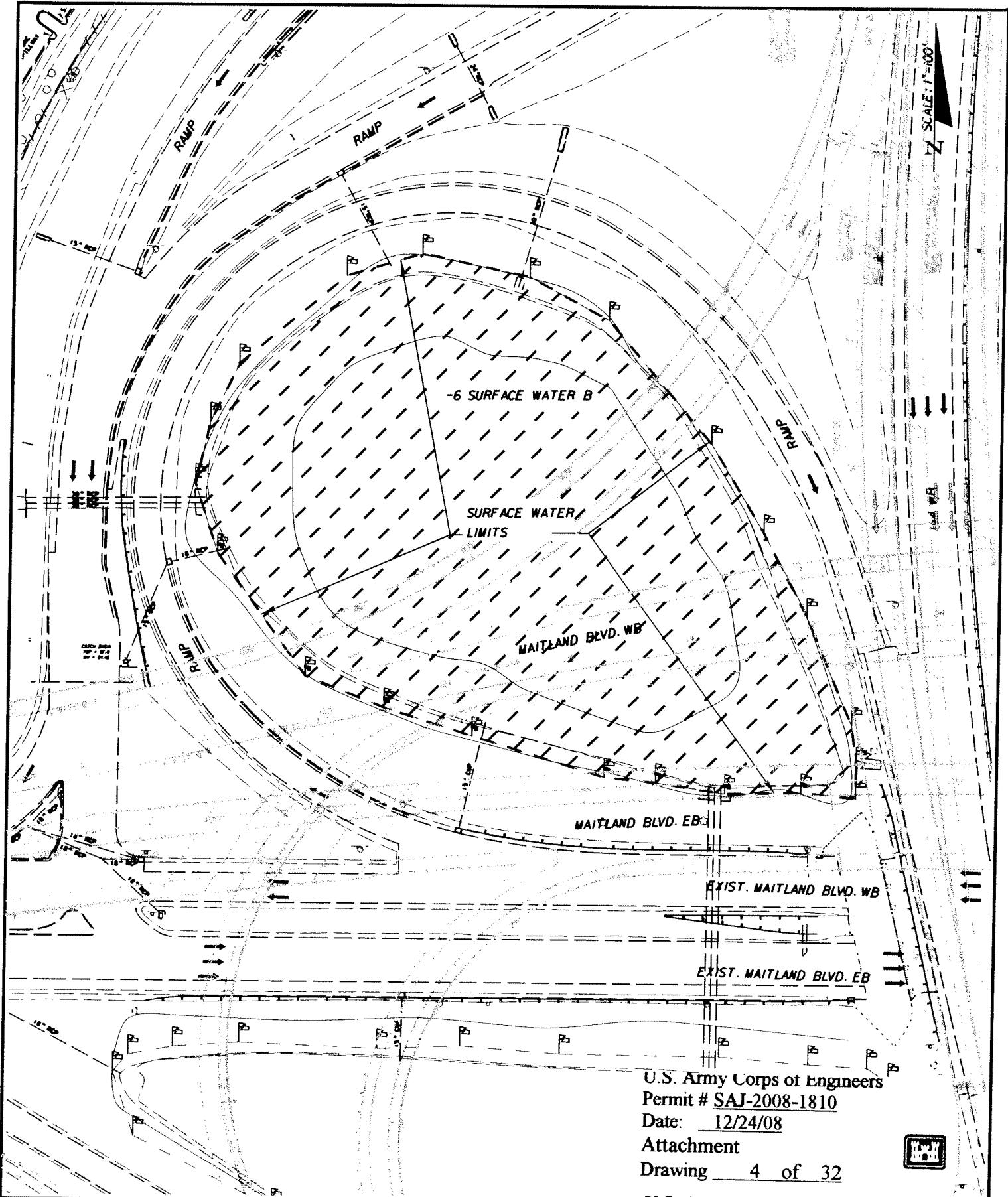
U.S. Army Corps of Engineers
 Permit # SAJ-2008-1810
 Date: 12/24/08
 Attachment
 Drawing 3 of 32



STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-6-52-01

I-4/MAITLAND BLVD.
WETLAND SURVEY

SHEET
NO.

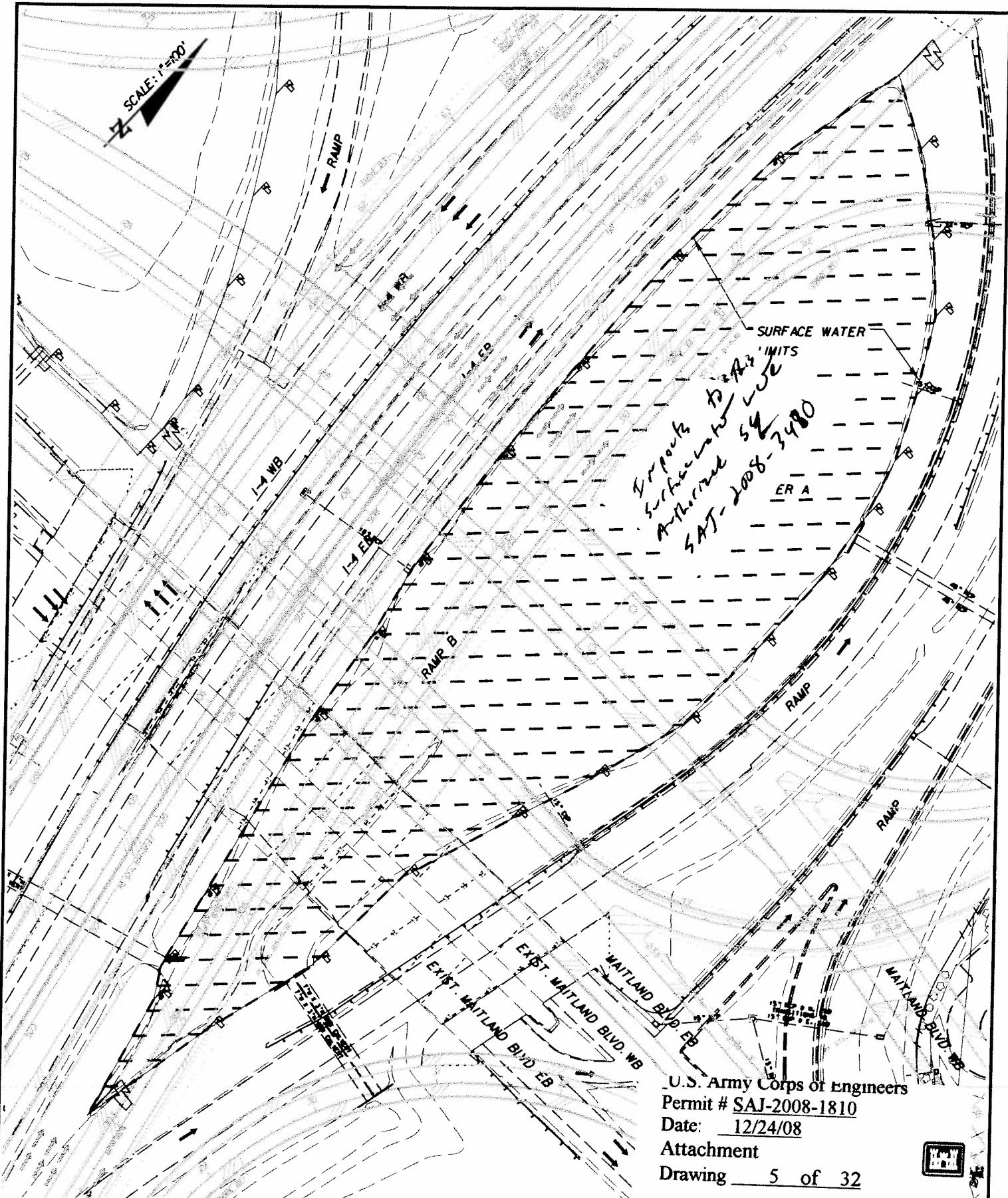


STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-6-52-01

I-4/MAITLAND BLVD.
WETLAND SURVEY

SHEET
NO.

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STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-6-52-01

I-4/MAITLAND BLVD.
WETLAND SURVEY

SHEET
NO.

3



TEMPORARY IMPACTS AREA = 0.17 ac



SHADE IMPACTS AREA = 0.10 ac



DIRECT FILL IMPACTS AREA = 0.01 ac

LAKE LUCIEN

PEDESTRIAN BRIDGE

2' W X 7' H BOX CULVERT

U.S. Army Corps of Engineers
Permit # SAJ-2008-1810
Date: 12/24/08
Attachment
Drawing 6 of 32



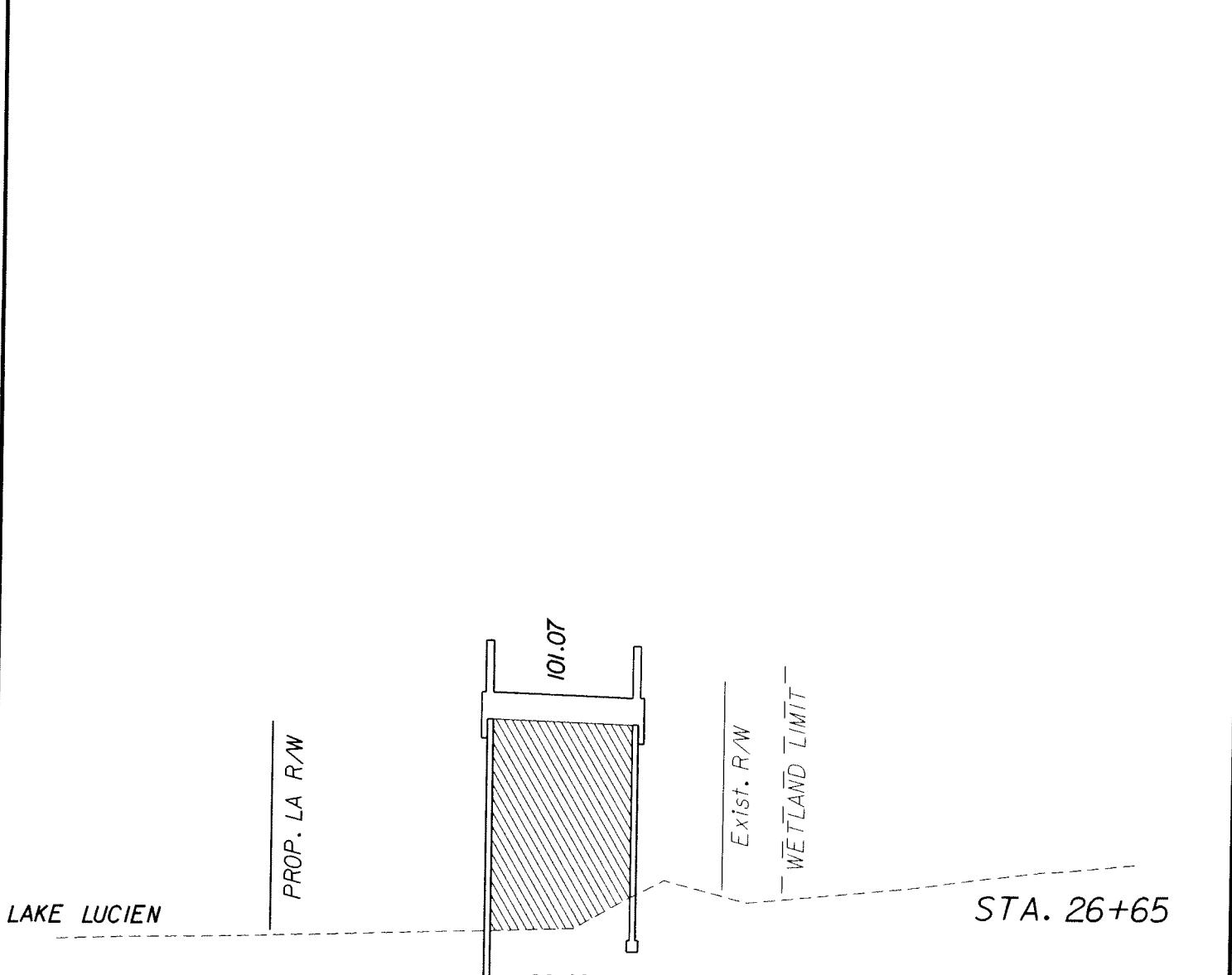
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-6-52-01

I-4/MAITLAND BLVD.
WETLAND SURVEY

SHEET
NO.

4



Not To Scale



DIRECT FILL IMPACT

U.S. Army Corps of Engineers
Permit # SAJ-2008-1810

Date: 12/24/08

Attachment

Drawing 7 of 32



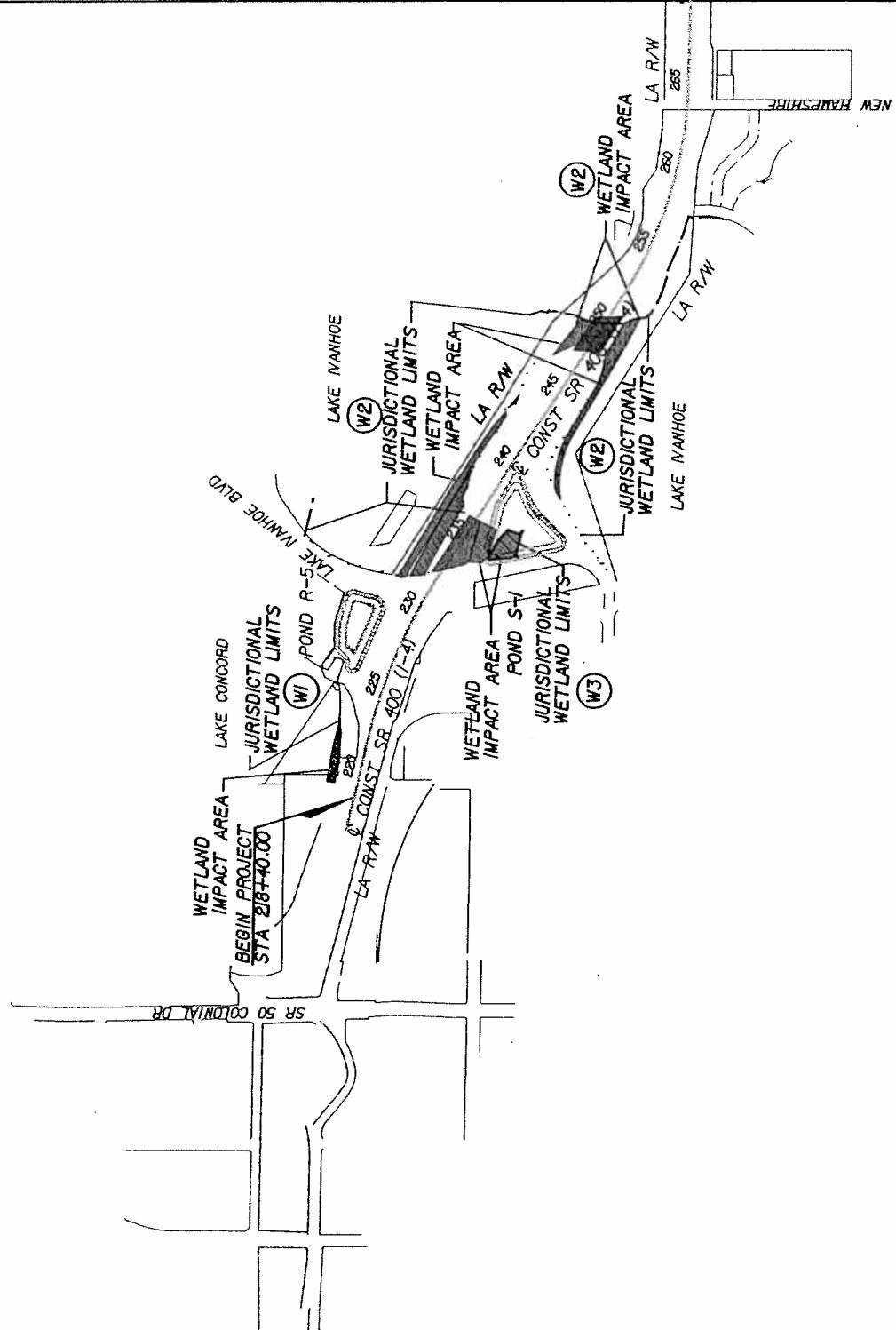
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR 400	ORANGE	242484-6-52-01

I-4/MAITLAND BLVD.
CROSS SECTION

SHEET
NO.

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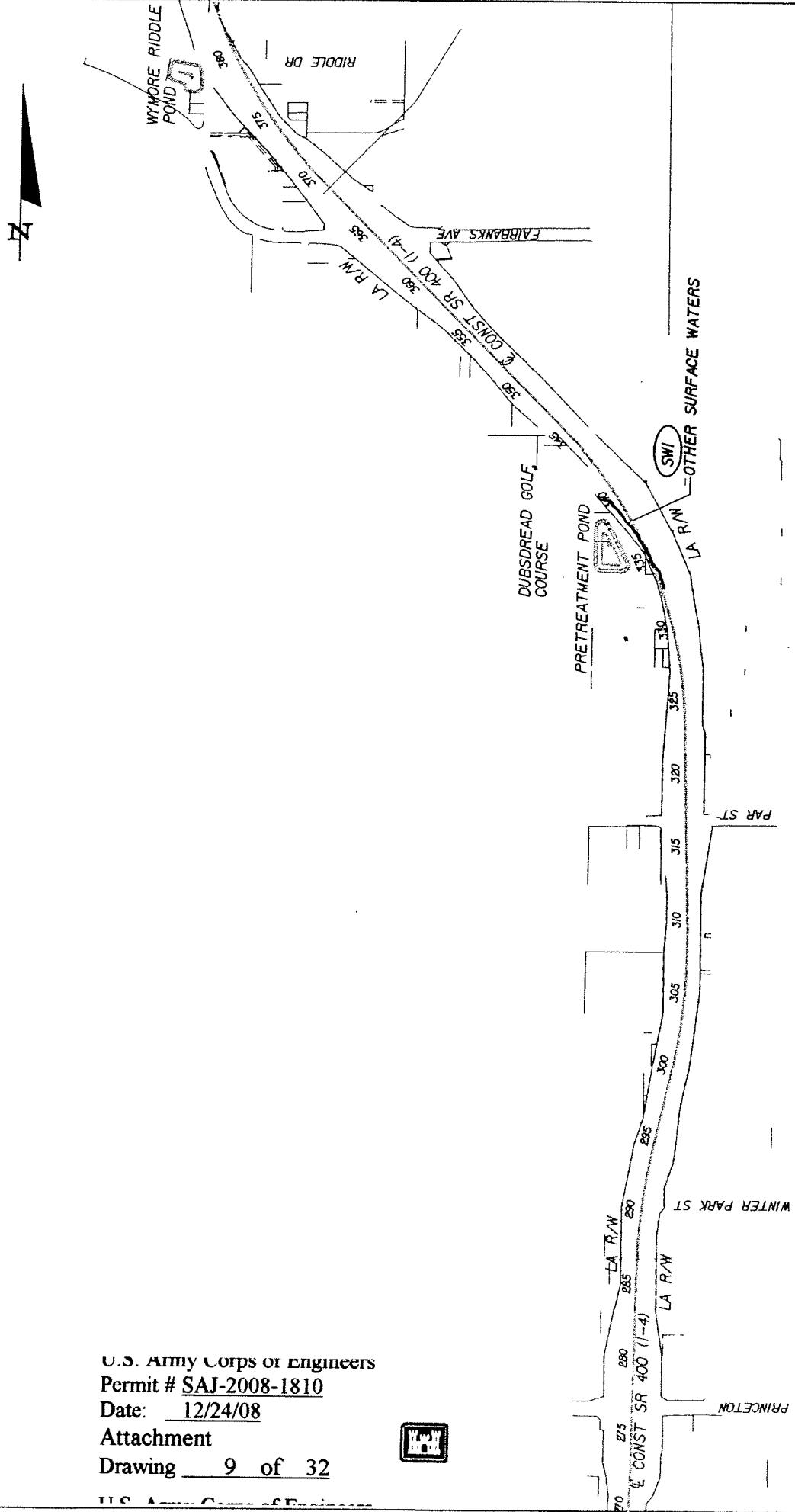


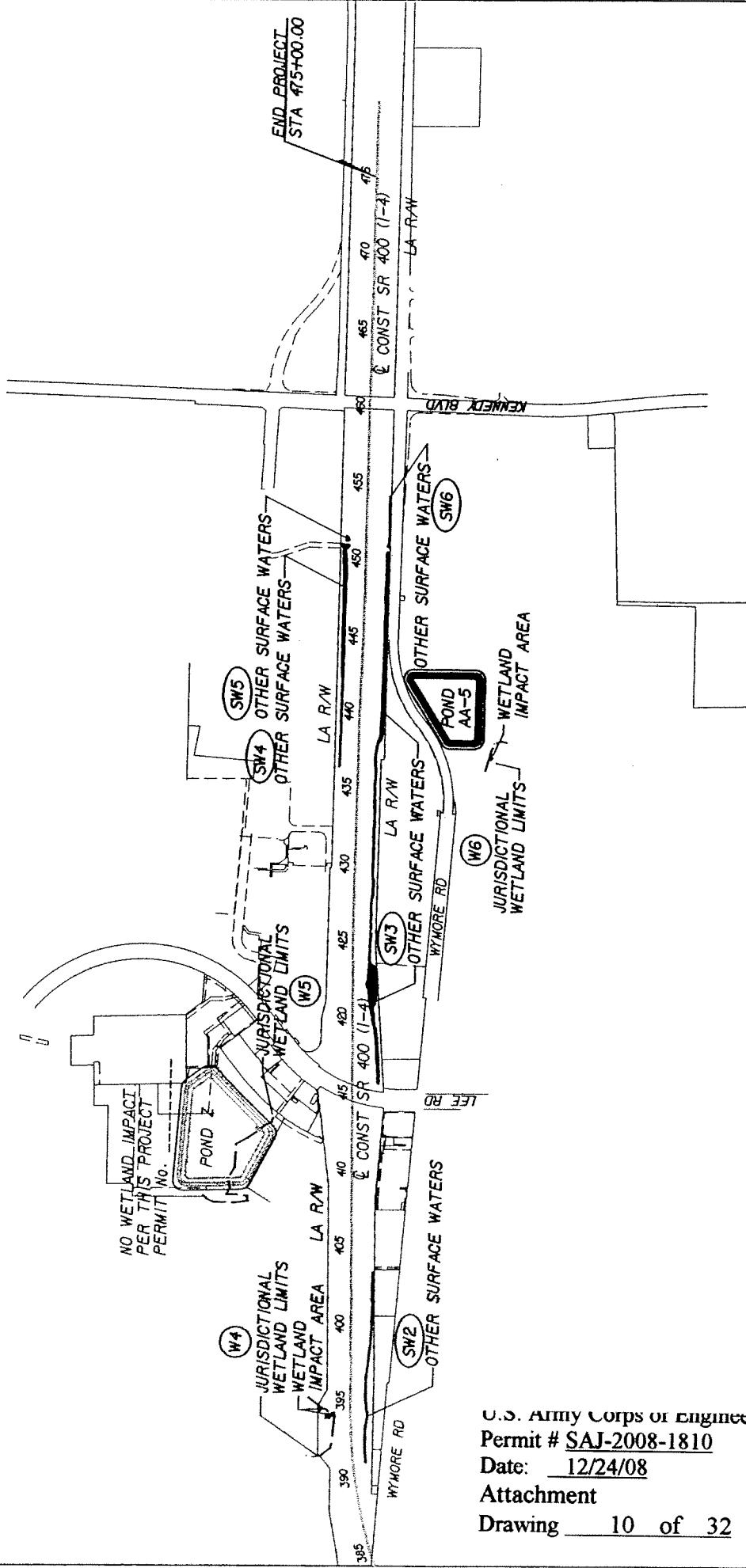
LOCATION MAP
SCALE: 1" = 1000'

U.S. Army Corps of Engineers
Permit # SAJ-2008-1810
Date: 12/24/08
Attachment
Drawing 8 of 32



PROJECT DESCRIPTION: SR 400 (1-4)		FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT NO. 24284-5-32-01	
NAME: _____		NAME: _____		COUNTY: ORANGE	
SIGNATURE _____		SIGNATURE _____		SHEET 1 OF 3	
CERTIFICATE NO. _____		DATE: _____		DATE: 8/07	
TWP: 22 S, 21 S	RNG: 29 E				
SEC: 2, 8, 11, 12, 23, 24					





U.S. Army Corps of Engineers
Permit # SAJ-2008-1810
Date: 12/24/08
Attachment
Drawing 10 of 32

PROJECT DESCRIPTION: SR 400 (1-4)		FLORIDA DEPARTMENT OF TRANSPORTATION		FINANCIAL PROJECT NO. 242484-5-32-01	
TWP: 22 S, 21 S	RNG: 29 E	NAME: _____	SIGNATURE _____	COUNTY: ORANGE	DER
SEC: 2, 8, 11, 12, 23, 24		CERTIFICATE NO. _____	DATE: _____	CG	SHEET 3 OF 3
				COE	WWD
					DATE 8/07

LAKE CONCORD

LEGEND:

WETLAND & SURFACE WATER UNITS
WETLAND & SURFACE WATER IMPACTS

U.S. Army Corps of Engineers
Permit # SAJ-2008-1810
Date: 12/24/08
Attachment
Drawing 11 of 32

Date: 12/24/08

Attachment

Drawing 11 of 32

BEGIN PROJECT
STA 218+00.00
LA R/W + +

LAKE CONCORD

LEGEND:

- WETLAND & SURFACE WATER UNITS
- WETLAND & SURFACE WATER IMPACTS
- WETLAND NO. W#
- SURFACE WATER NO. SWX

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JURISDICTIONAL WETLAND LIMITS (W)

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BEGIN PROJECT STA 286+40.00 LA RAN

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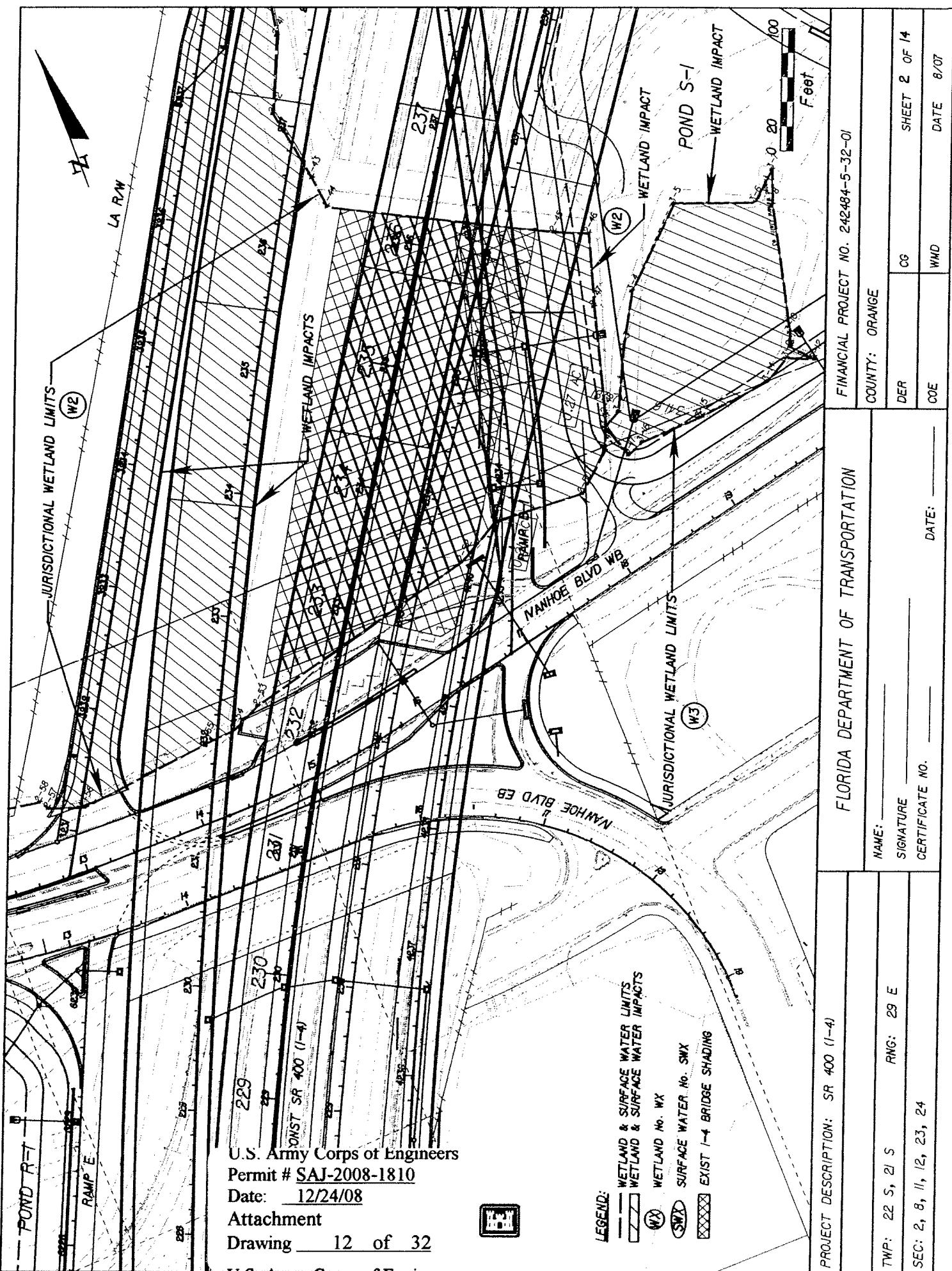
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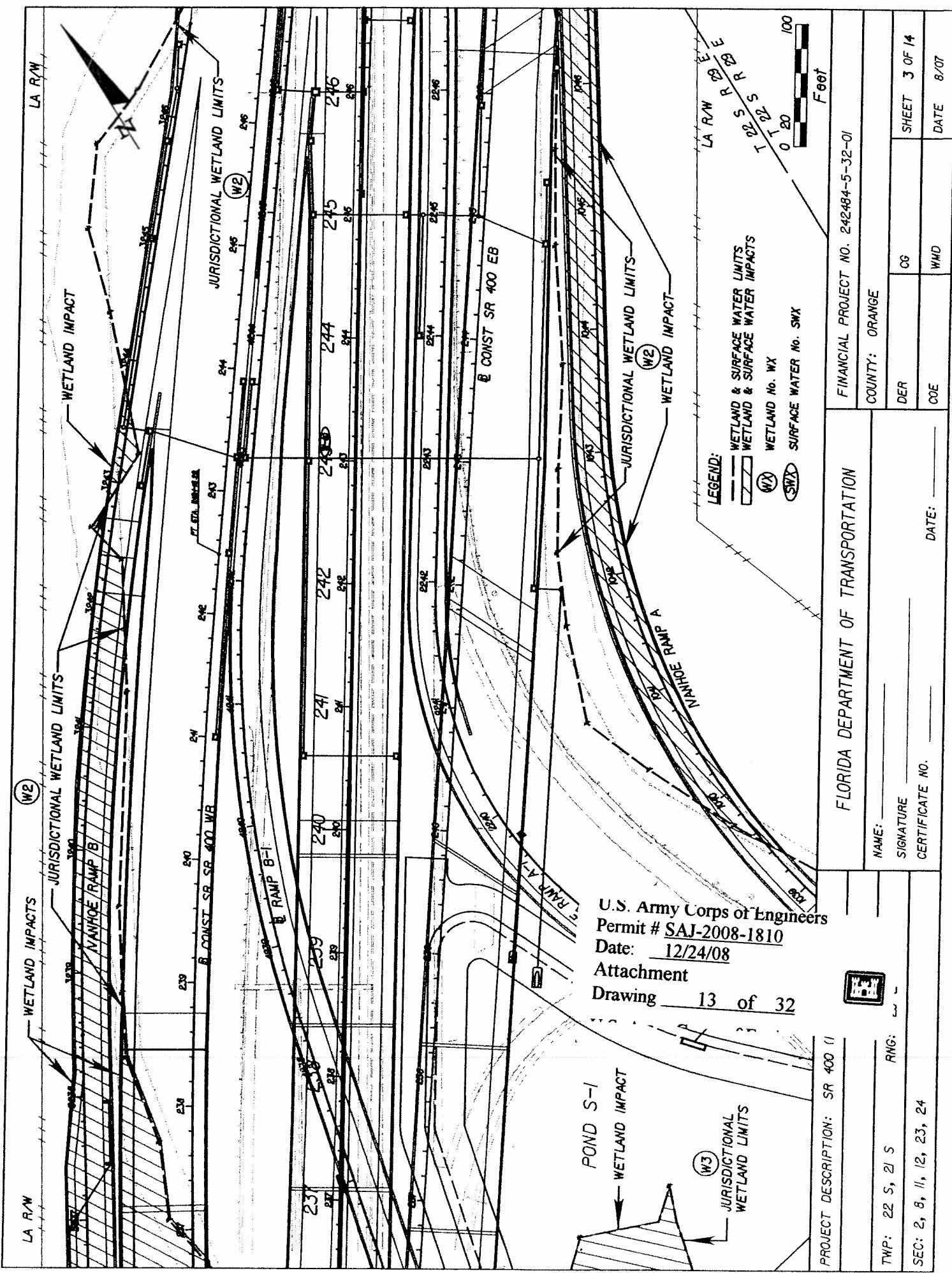
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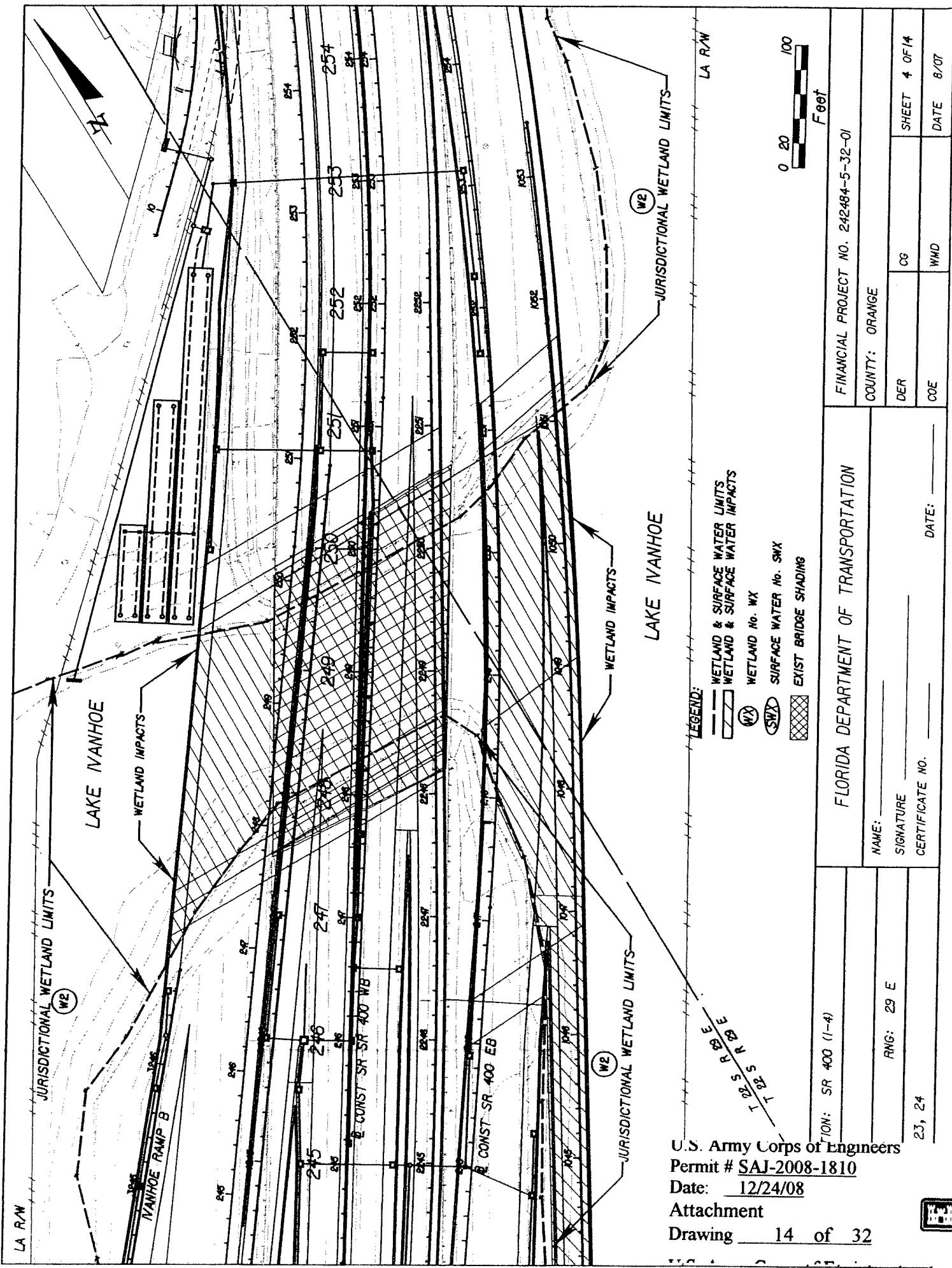
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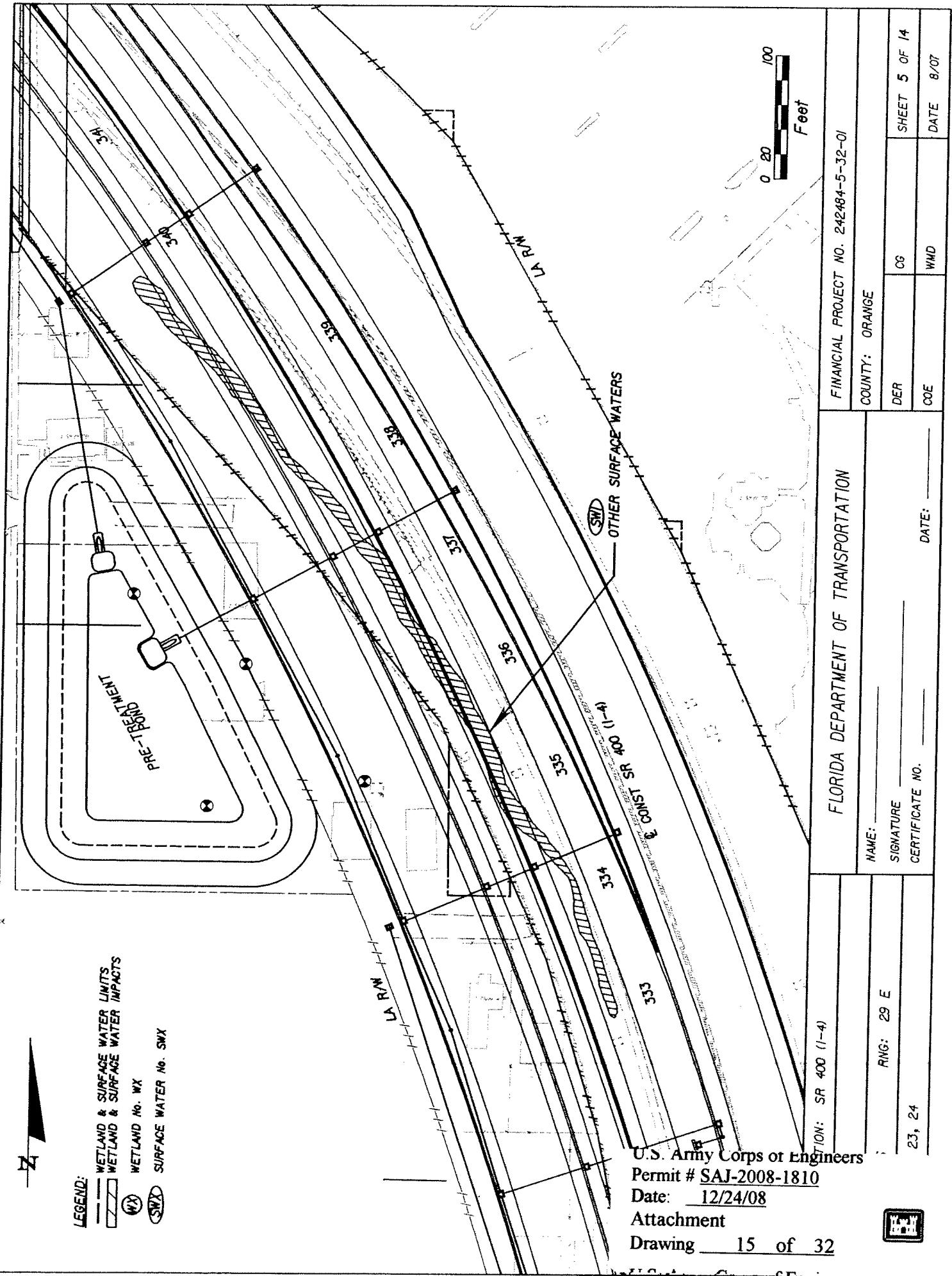
NAME: _____
SIGNATURE _____
CERTIFICATE NO. _____

COUNTY: ORANGE
DATE: _____
DER CG SHEET 1 OF 14
COF W/W DATE 8/27





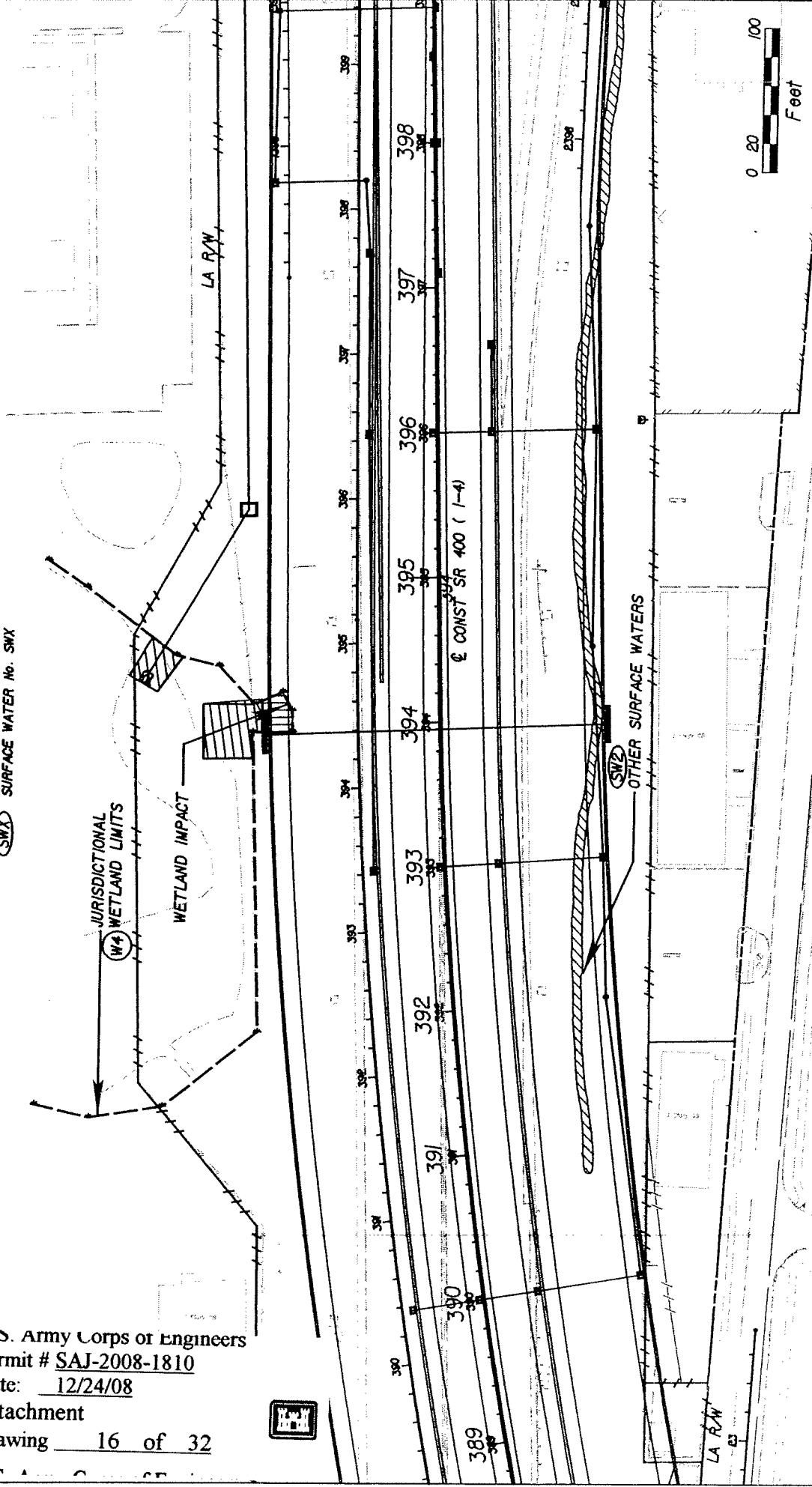




LEGEND:

- WETLAND & SURFACE WATER LIMITS
- WETLAND No. Wx
- SURFACE WATER No. SWx
- WETLAND IMPACT
- JURISDICTIONAL LIMITS
- Wx
- SWx

U.S. Army Corps of Engineers
Permit # SAJ-2008-1810
Date: 12/24/08
Attachment
Drawing 16 of 32



PROJECT DESCRIPTION: SR 400 (1-4)

FLORIDA DEPARTMENT OF TRANSPORTATION

NAME: _____
SIGNATURE _____
CERTIFICATE NO. _____

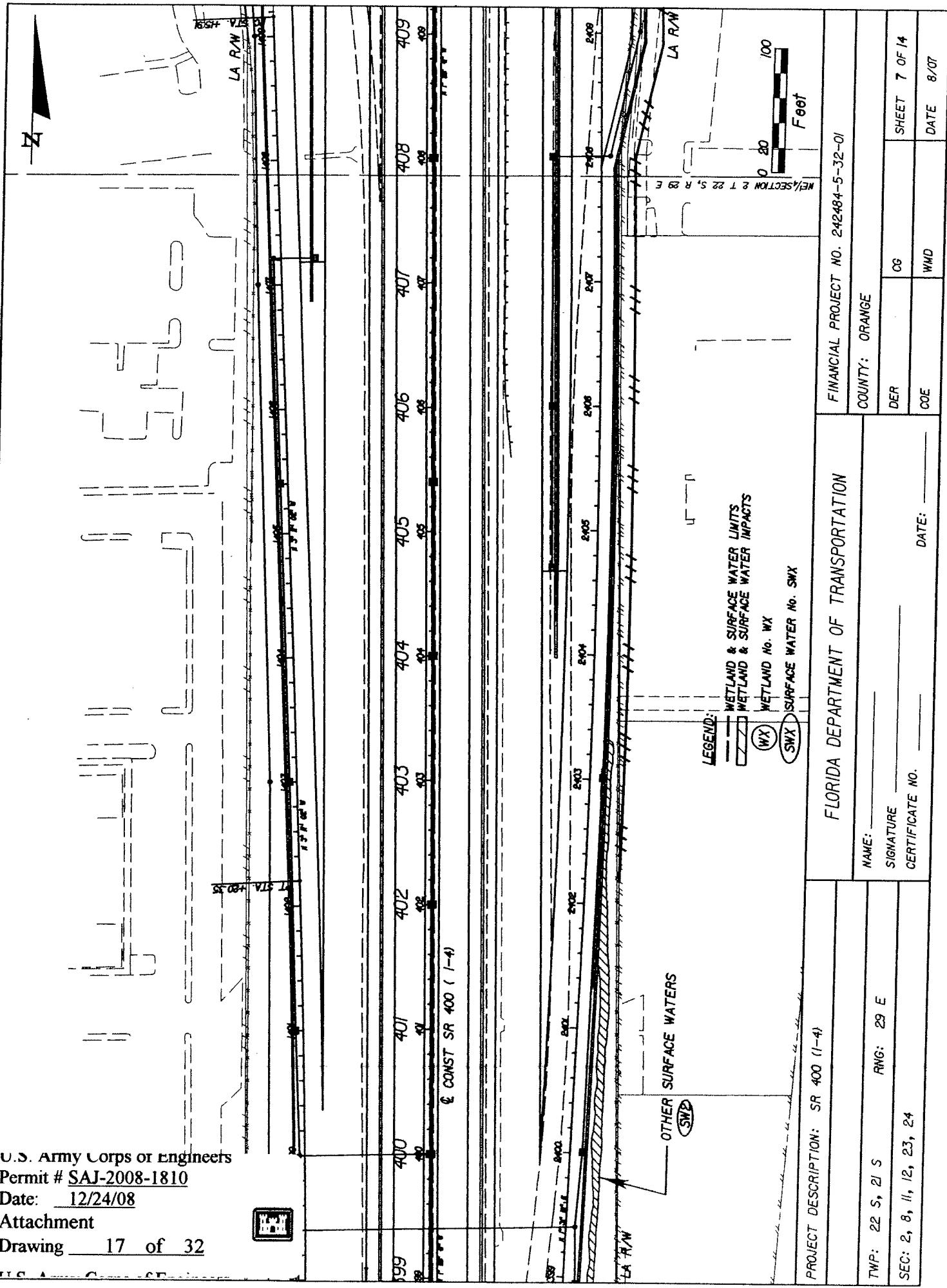
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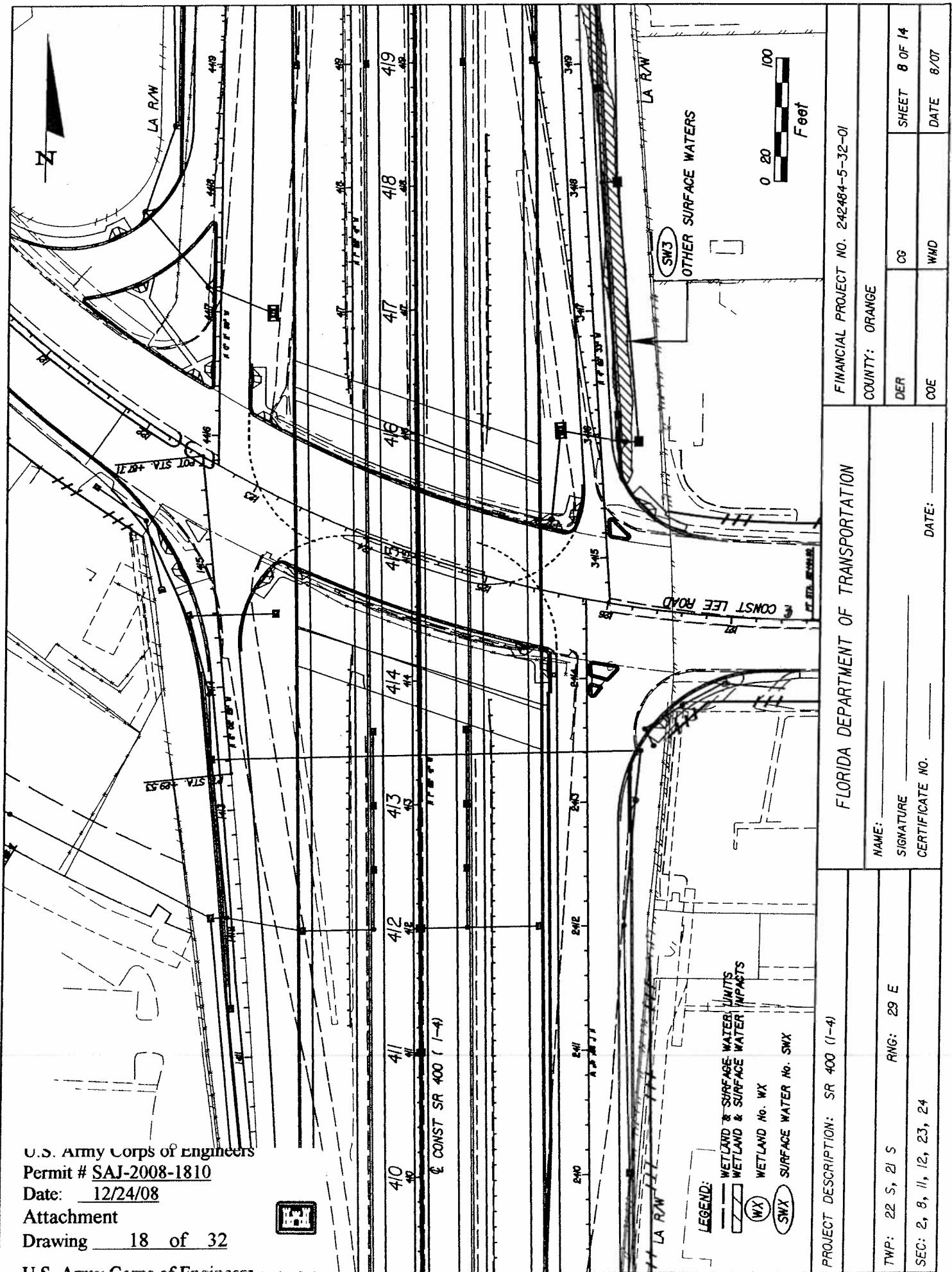
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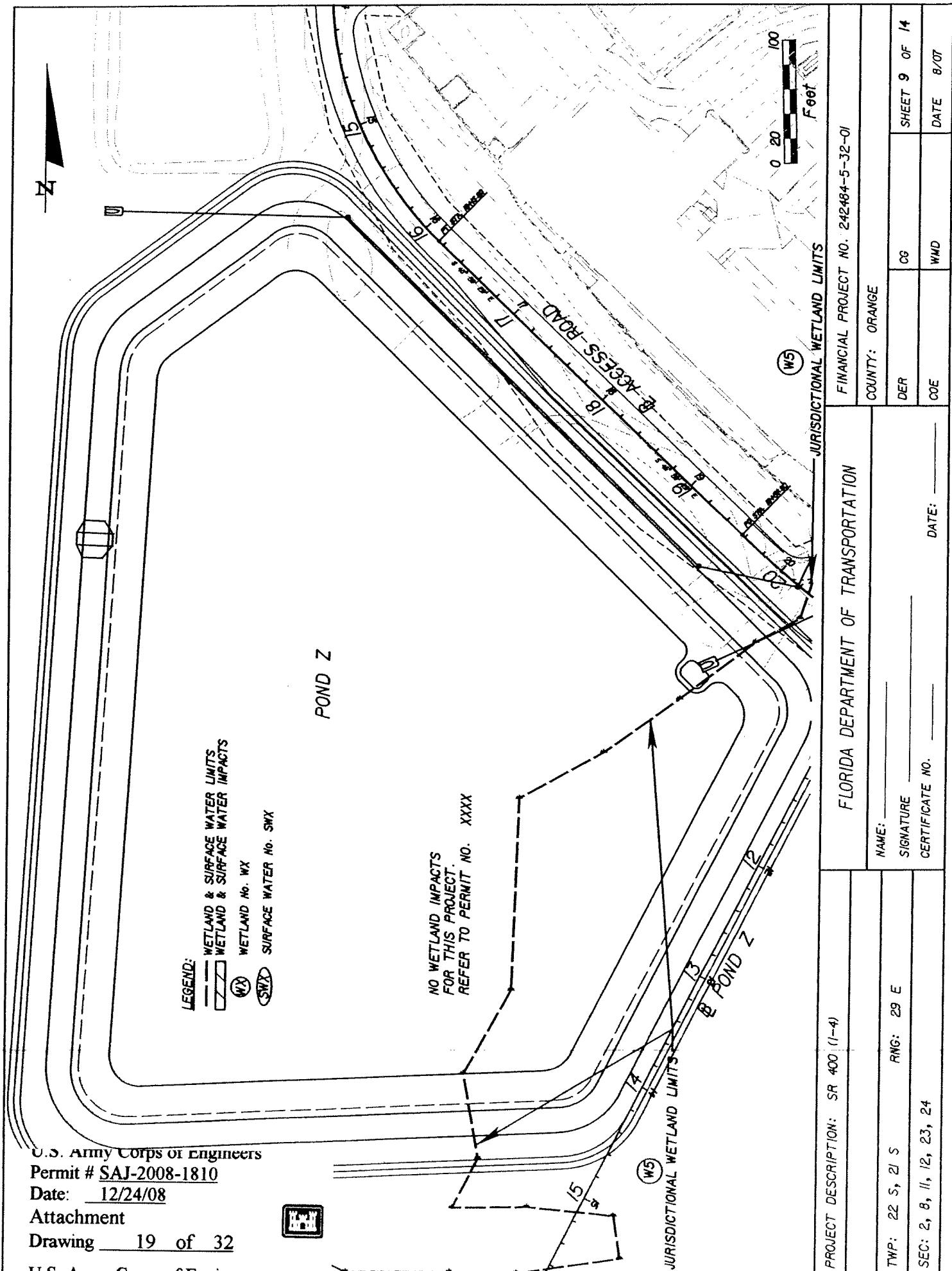
LA R/W

FINANCIAL PROJECT NO. 242484-5-32-0/
COUNTY: ORANGE
DER OG SHEET 6 OF 14
COE WND DATE 8/07

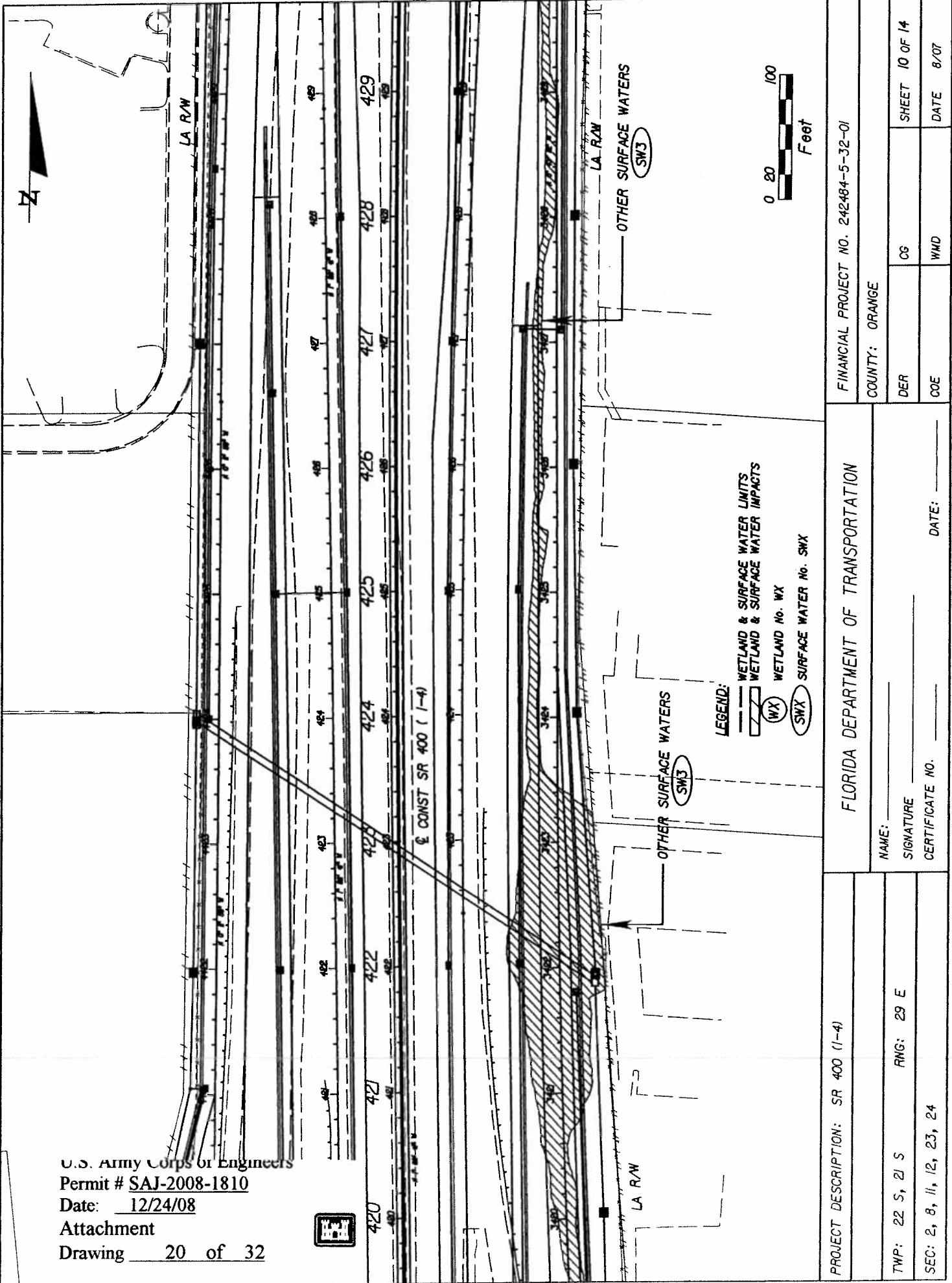
U.S. Army Corps of Engineers
Permit # SAJ-2008-1810
Date: 12/24/08
Attachment
Drawing 17 of 32







U.S. Army Corps of Engineers
Permit # SAJ-2008-1810
Date: 12/24/08
Attachment
Drawing 19 of 32

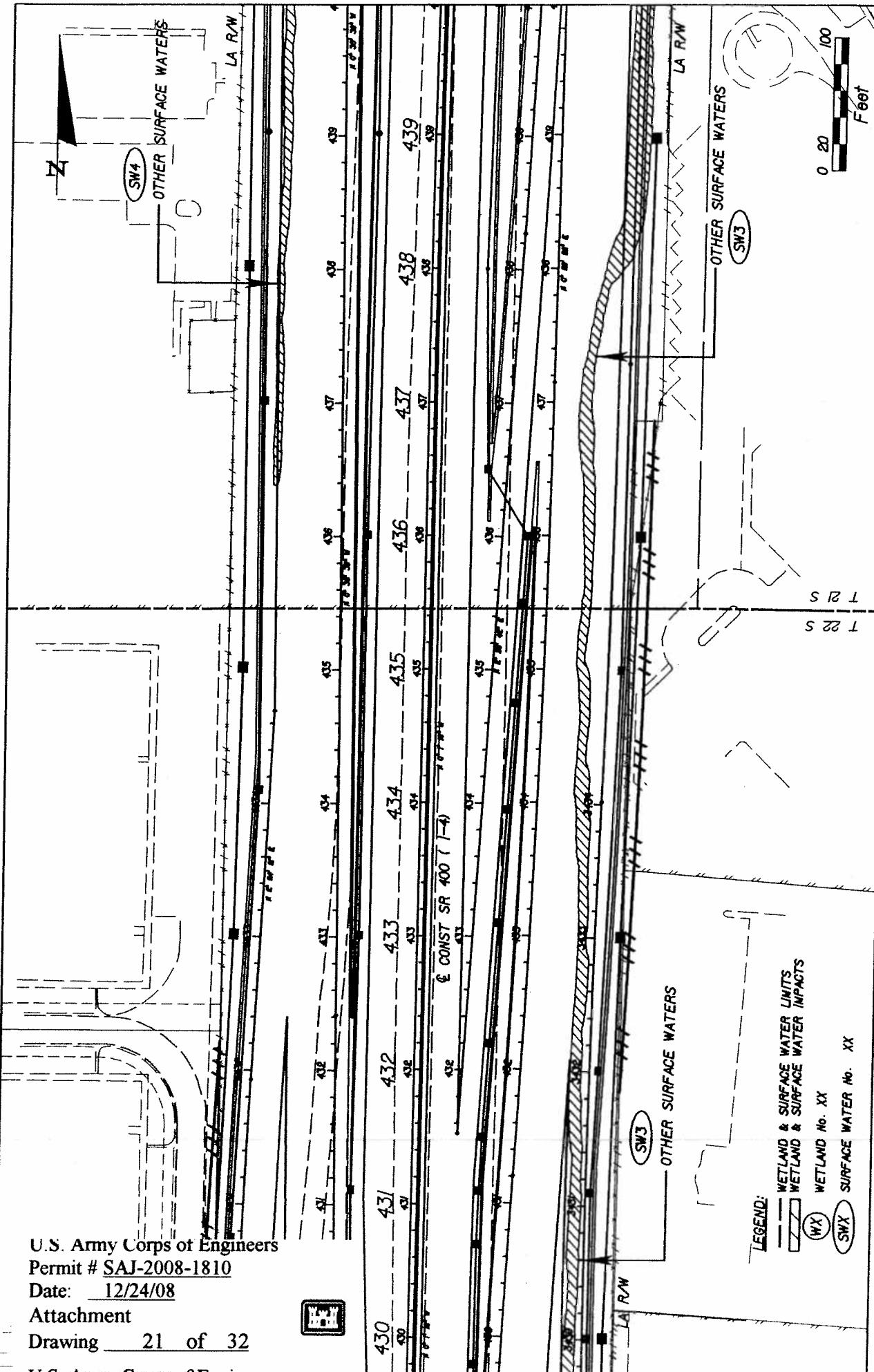


U.S. Army Corps of Engineers
Permit # SAJ-2008-1810

Date: 12/24/08

Attachment

Drawing 21 of 32



PROJECT DESCRIPTION: SR 400 (1-4)

FLORIDA DEPARTMENT OF TRANSPORTATION

NAME: _____

SIGNATURE: _____

CERTIFICATE NO. _____

FINANCIAL PROJECT NO. 242484-5-32-01

COUNTY: ORANGE

DER

COE

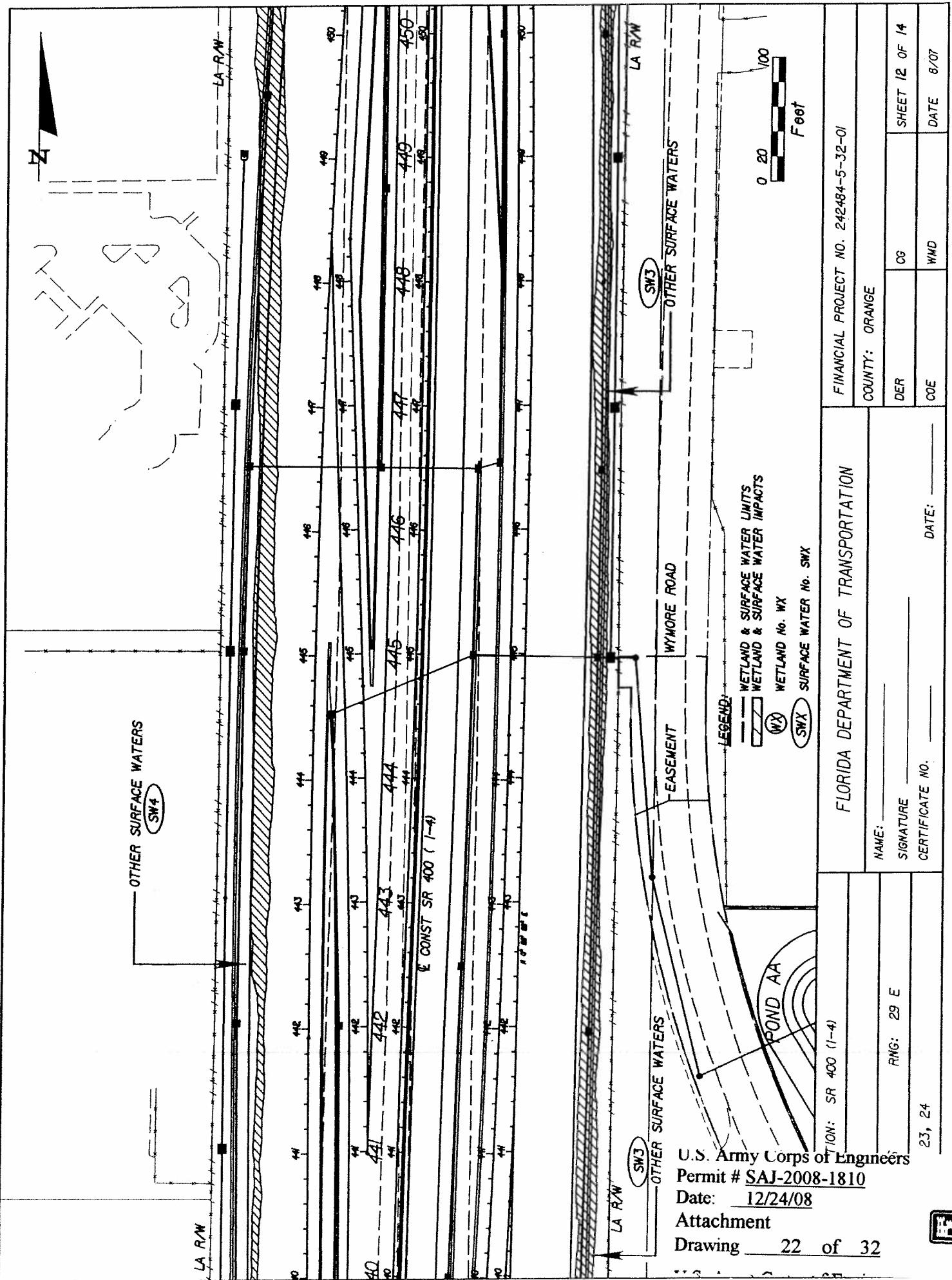
SCALE: 100
0 20 Feet

DATE: 8/07

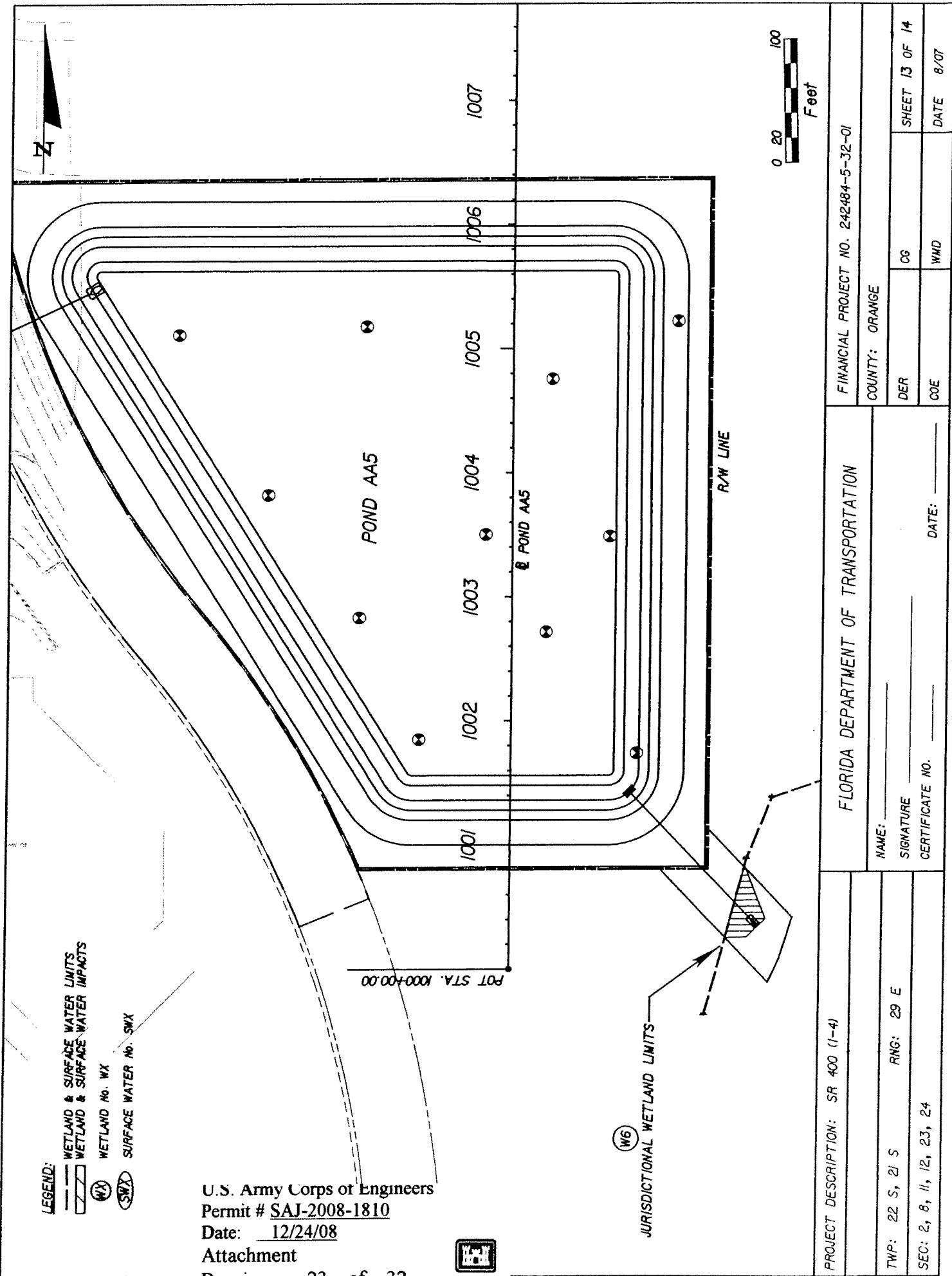
WIND

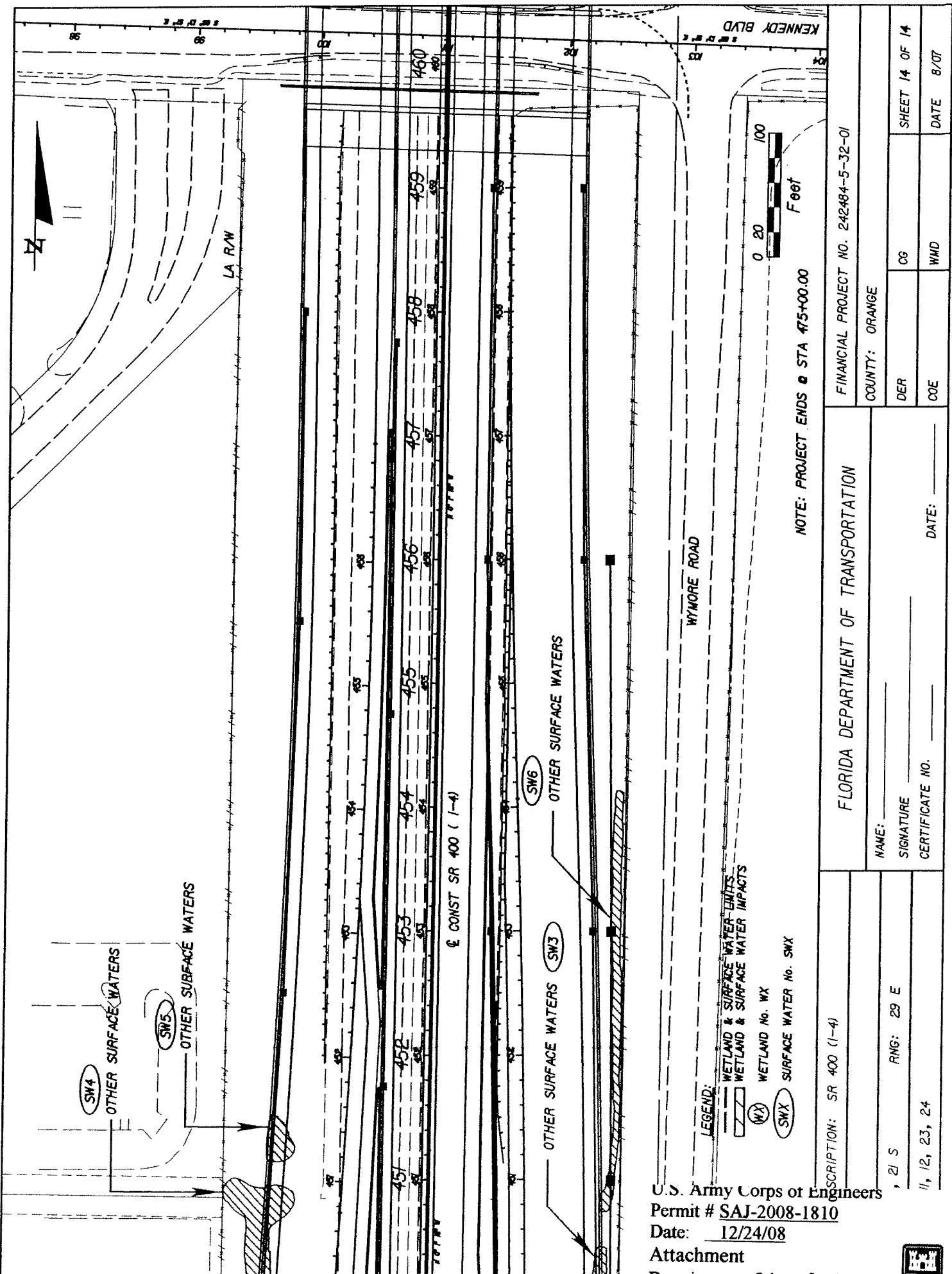
WIND

DATE: 8/07



U.S. Army Corps of Engineers
Permit # SAJ-2008-1810
Date: 12/24/08
Attachment
Drawing 22 of 32







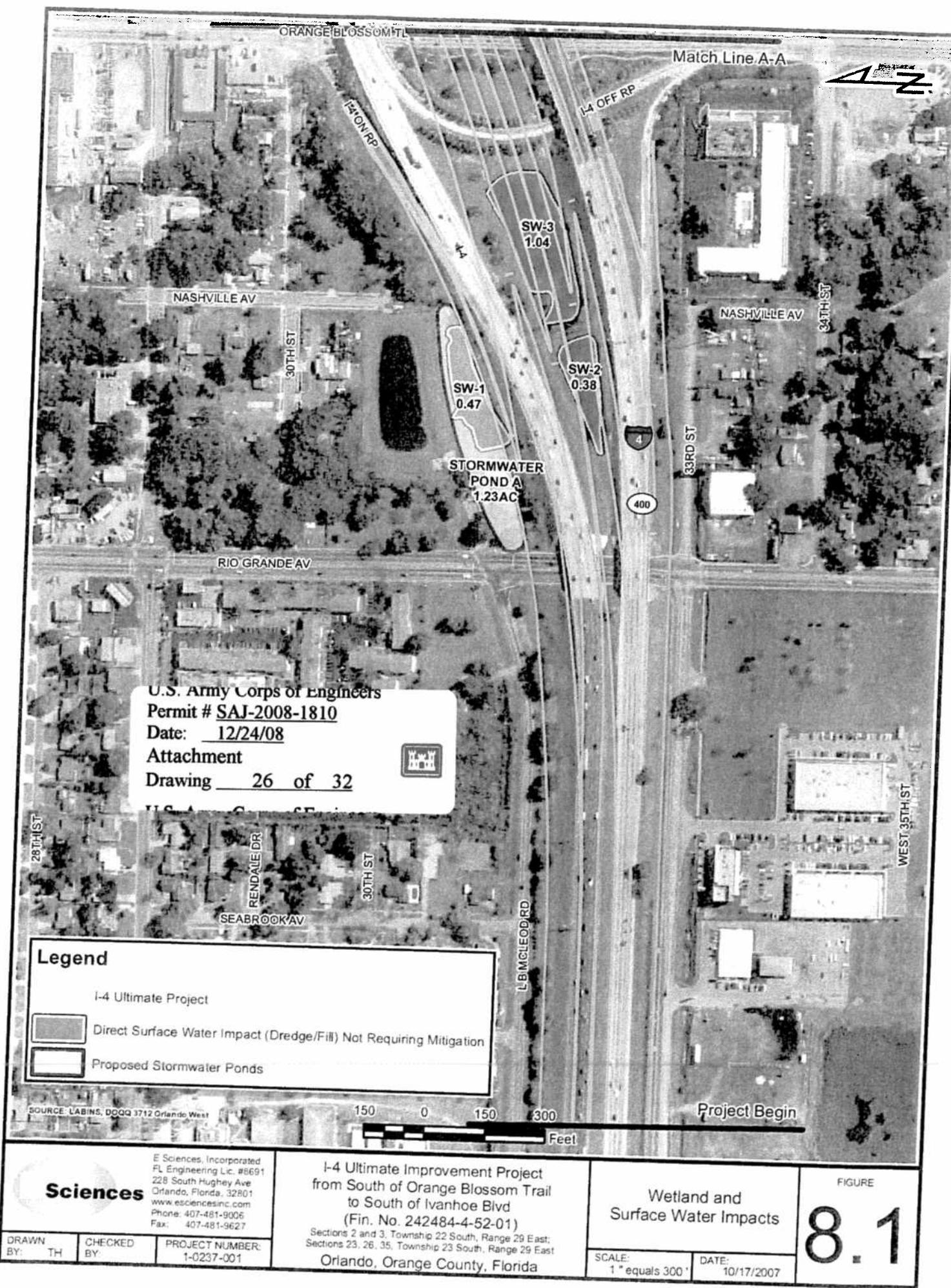
Sciences	E Sciences, Incorporated FL Engineering Lic. #8691 228 South Hughey Ave Orlando, Florida, 32801 www.esciencesinc.com Phone: 407-481-9006 Fax: 407-481-9627
DRAWN BY: RCO	CHECKED BY:

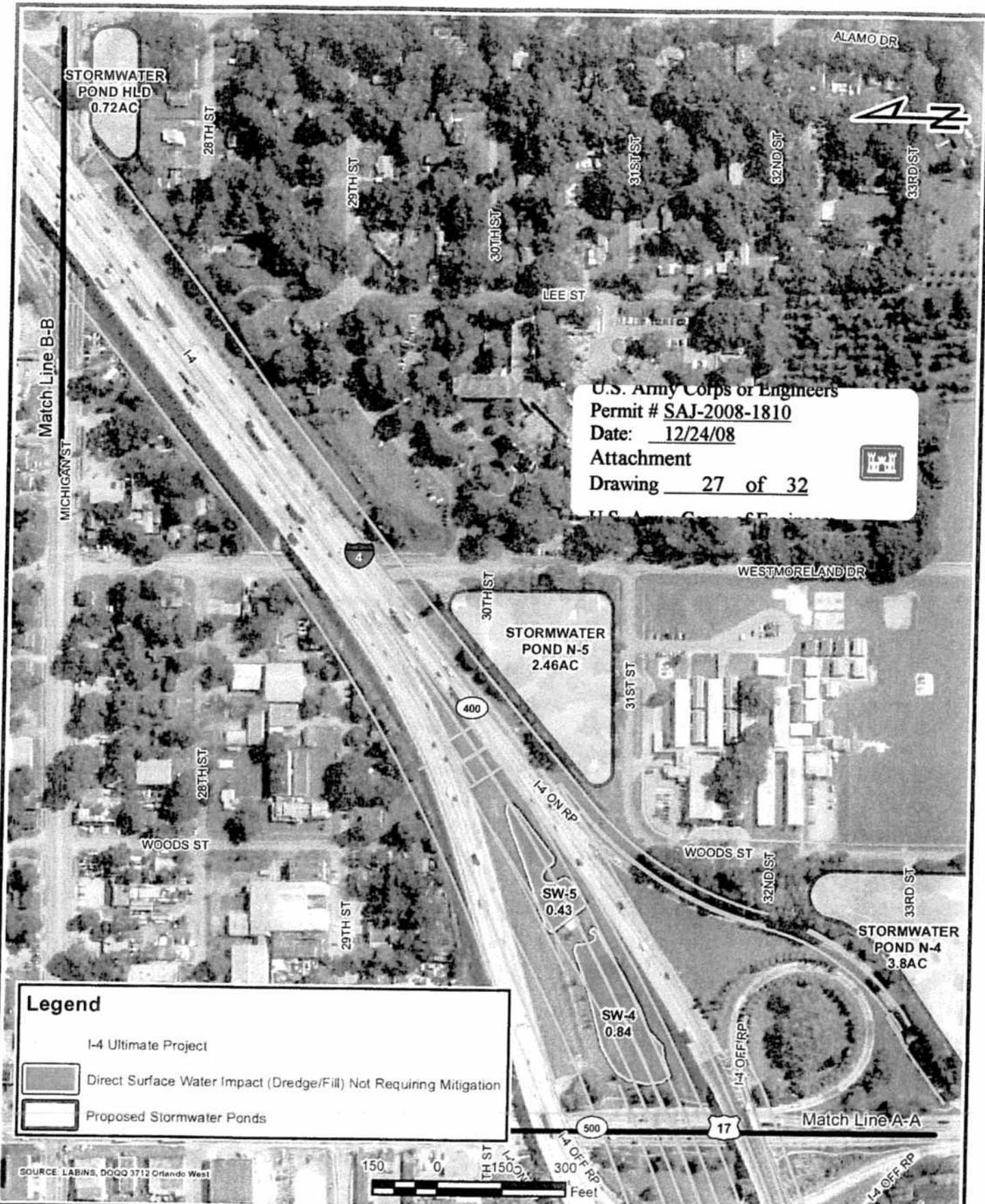
I-4 Ultimate Improvement Project
from South of Orange Blossom Trail
to South of Ivanhoe Blvd
(Fin. No. 242484-4-52-01)
Sections 2 and 3, Township 22 South, Range 29 East;
Sections 23, 26, 35, Township 23 South, Range 29 East
Orlando, Orange County, Florida

Aerial Photograph

SCALE:
1 " equals 2,000' DATE:
10/17/2007

FIGURE
2





P1Proje~~ct~~1-200-2891-237-01-500 (URS 14) G91B0 Summary Report 280709 25/07/2023

Legend

- I-4 Ultimate Project
 - Direct Surface Water Impact (Dredge/Fill) Not Requiring Mitigation
 - Proposed Stormwater Ponds

SOURCE: LABINS, DOQQ 3712 Orlando West

150 0 TH ST 150 300

Sciences

E Sciences, Incorporated
FL Engineering Lic. #8691
228 South Hughey Ave
Orlando, Florida, 32801
www.esciencesinc.com
Phone: 407-481-9006
Fax: 407-481-9627

I-4 Ultimate Improvement Project
from South of Orange Blossom Trail
to South of Ivanhoe Blvd
(Eis. No. 242481-4-52-21)

(F.M. No. 242484-4-52-01)
Sections 2 and 3, Township 22 South, Range 29 East;
Sections 23, 26, 35, Township 23 South, Range 29 East
Orlando, Orange County, Florida

Wetland and
Surface Water Impacts

SCALE: DATE:
1 " equals 300' 10/17/2007

FIGURE

8.2



U.S. Army Corps of Engineers

Permit # SAJ-2008-1810

Date: 12/24/08

Attachment

Drawing 28 of 32



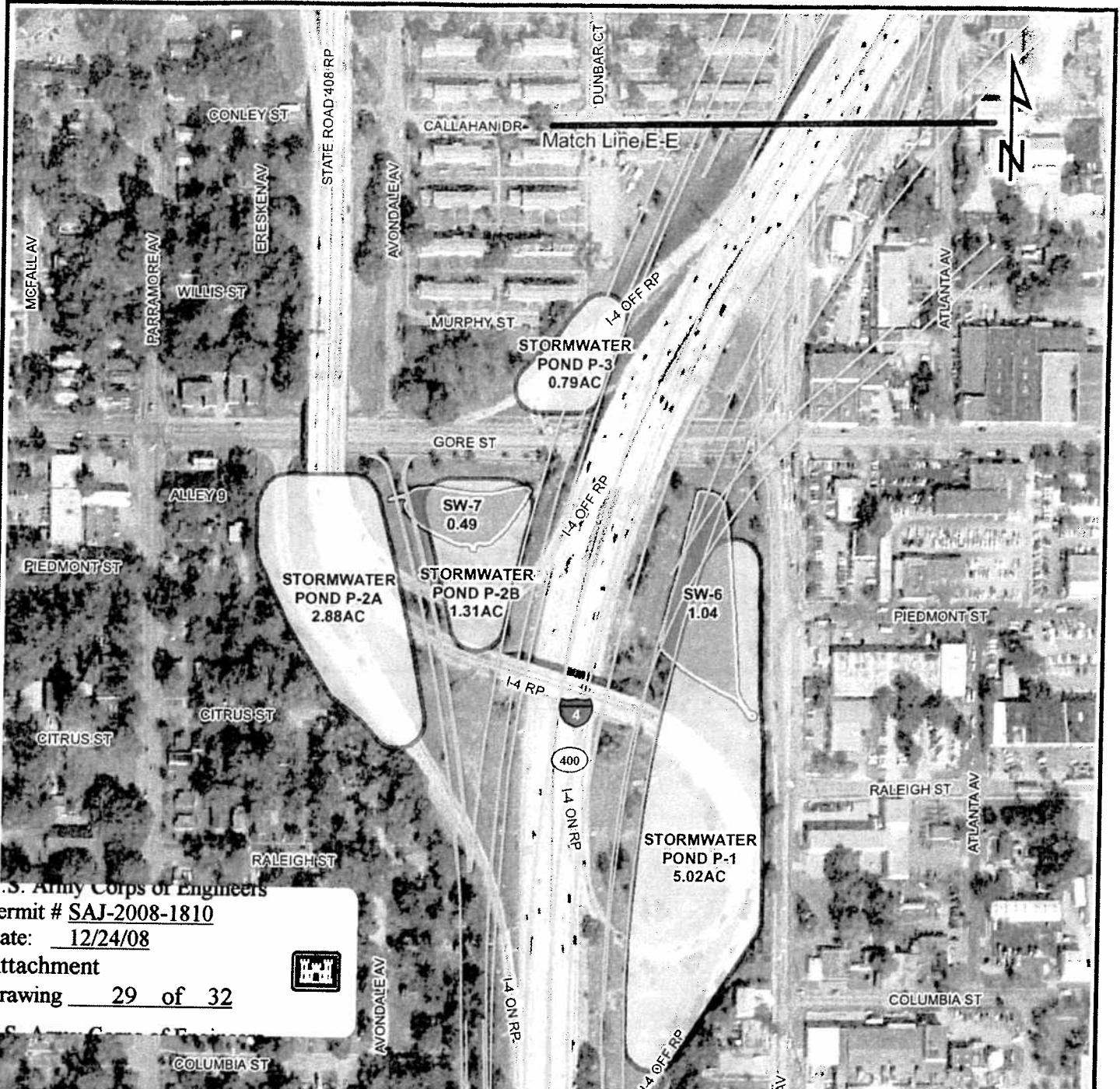
Sciences		E Sciences, Incorporated FL Engineering Lic. #8691 228 South Hughay Ave Orlando, Florida, 32801 www.esciencesinc.com Phone: 407-481-9006 Fax: 407-481-9627
DRAWN BY: TH	CHECKED BY:	PROJECT NUMBER: 1-0237-001

I-4 Ultimate Improvement Project
from South of Orange Blossom Trail
to South of Ivanhoe Blvd
(Fin. No. 242484-4-52-01)
Sections 2 and 3, Township 22 South, Range 29 East;
Sections 23, 26, 35, Township 23 South, Range 29 East
Orlando, Orange County, Florida

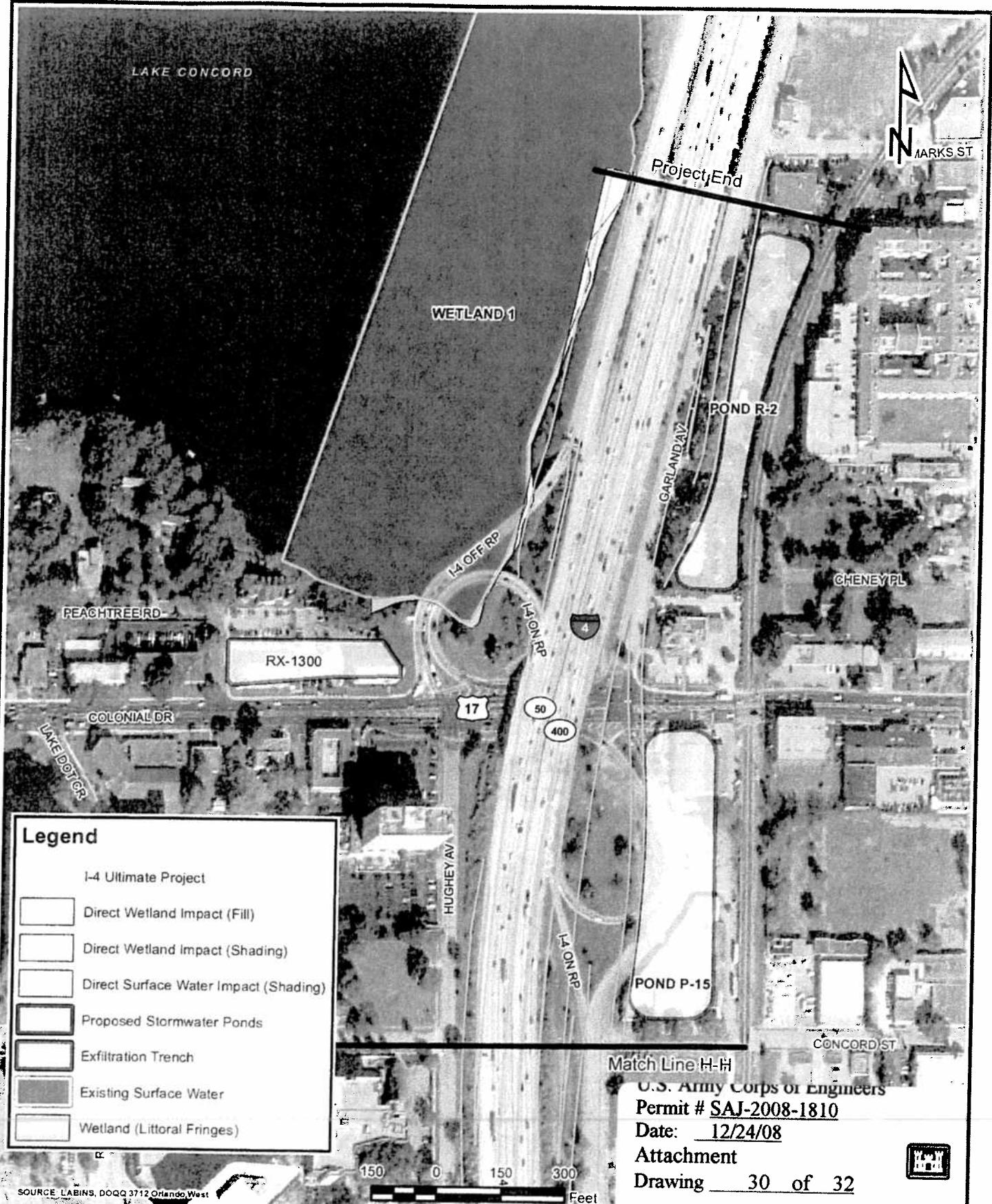
Wetland and
Surface Water Impacts

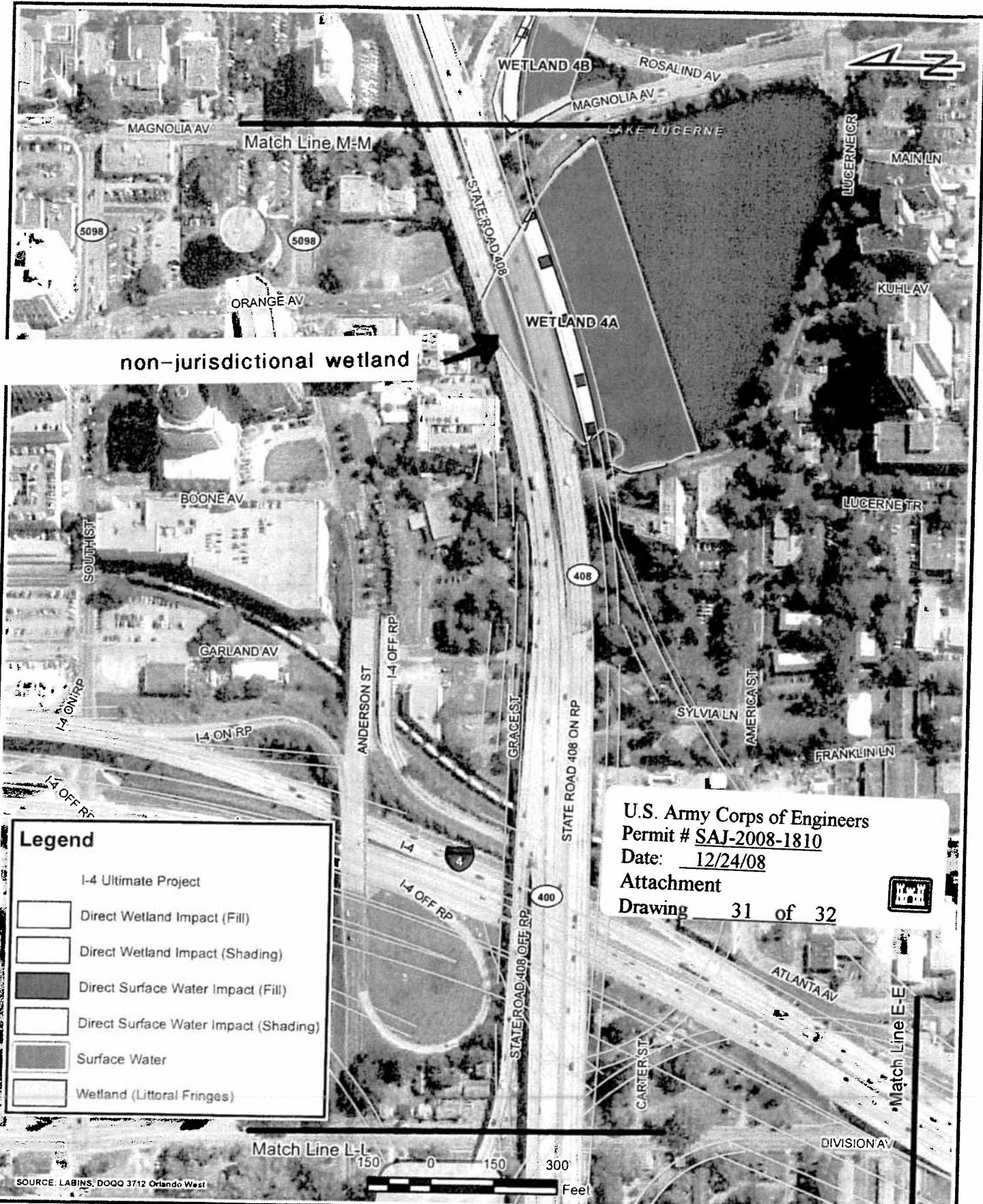
SCALE:
1 " equals 300 ' DATE:
10/17/2007

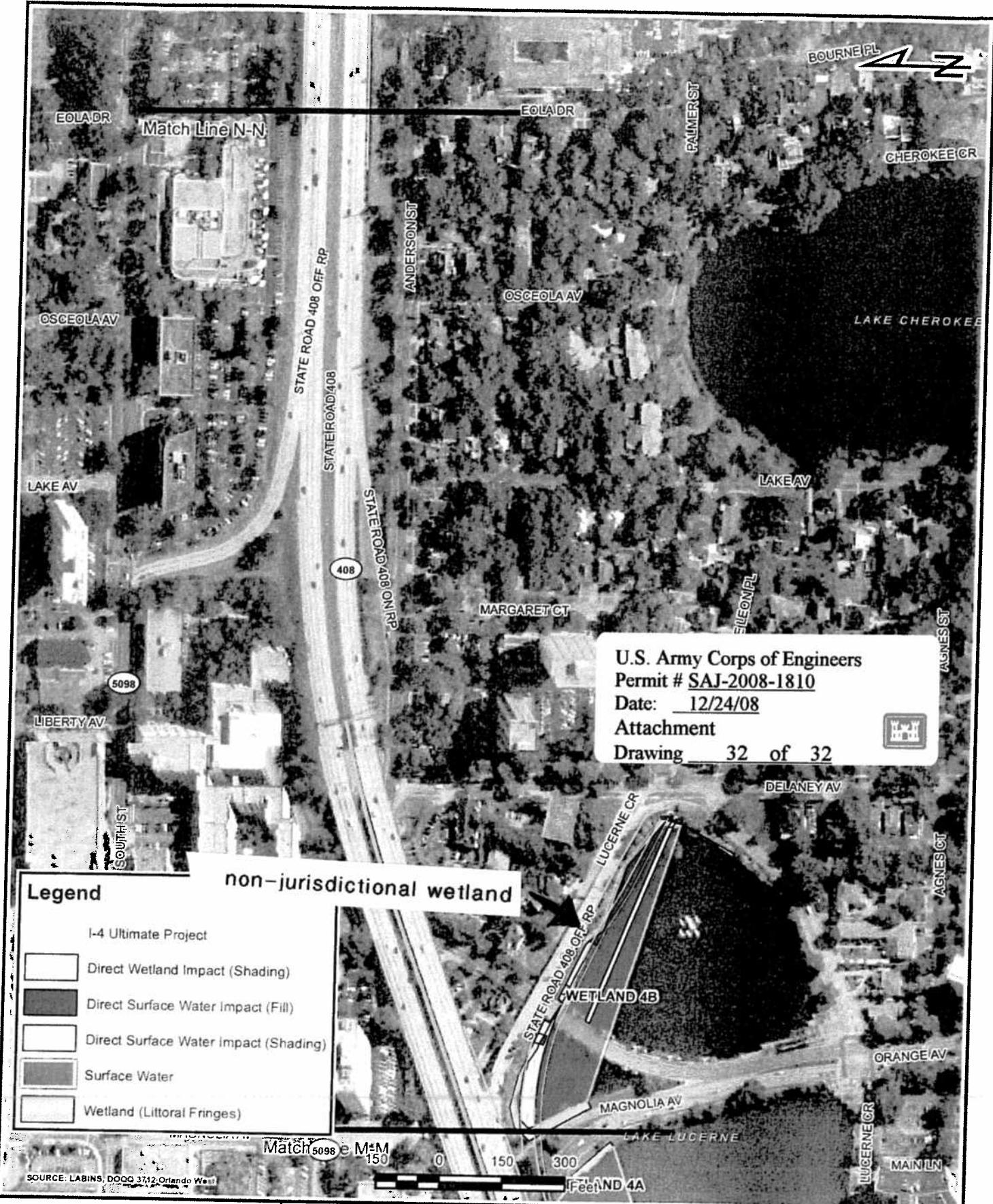
FIGURE
8.3



Sciences	E Sciences, Incorporated FL Engineering Lic. #8691 228 South Hughey Ave Orlando, Florida, 32801 www.esciencesinc.com Phone: 407-481-9006 Fax: 407-481-9627	I-4 Ultimate Improvement Project from South of Orange Blossom Trail to South of Ivanhoe Blvd (Fin. No. 242484-4-52-01) Sections 2 and 3, Township 22 South, Range 29 East; Sections 23, 26, 35, Township 23 South, Range 29 East Orlando, Orange County, Florida	Wetland and Surface Water Impacts	FIGURE 8.4
DRAWN BY: TH CHECKED BY: PROJECT NUMBER: 1-0237-001			SCALE: 1 " equals 300'	DATE: 10/17/2007







Sciences			I-4 Ultimate Improvement Project from South of Orange Blossom Trail to South of Ivanhoe Blvd (Fin. No. 242484-4-52-01) Sections 2 and 3, Township 22 South, Range 29 East; Sections 23, 26, 35, Township 23 South, Range 29 East; Orlando, Orange County, Florida		Wetlands and Surface Water Impacts	FIGURE
DRAWN BY: TH	CHECKED BY:	PROJECT NUMBER: 1-0237-001			SCALE: 1 " equals 300'	DATE: 10/17/2007
						8.B