



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
4400 PGA BLVD., SUITE 500
PALM BEACH GARDENS, FLORIDA 33410

REPLY TO
ATTENTION OF

MAY 07 2008

Palm Beach Gardens Regulatory Office
SAJ-2008-1208 (NW-JWH)

Palm Beach County Board of County Commissioners
PO Box 21229
West Palm Beach, FL 33415

Gentleman:

Your application for a Department of the Army permit received on March 31, 2008, has been assigned number SAJ-2008-1208 (NW-JWH). A review of the information and drawings provided shows the proposed work is to fill 0.54 acres of the LWDD Canal S-5 to accommodate a left turn and right turn lane on the west approach of the intersection of Forest Hill Blvd. and SR 7 (US 441). The project is located at the intersection of Forest Hill Blvd. and SR 7 (US 441), Wellington (Section 13, Township 44 S, Range 41 E) in Palm Beach County, Florida.

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) Number 46. In addition, project specific conditions have been enclosed. This verification is valid until May 7, 2010. Please access the U.S. Army Corps of Engineers' Jacksonville District's Regulatory web address at <http://www.saj.usace.army.mil/regulatory/permitting/nwp/nwp.htm> to access web links to view the Final Nationwide Permits, Federal Register Vol. 72, dated March 12, 2007, the Corrections to the Final Nationwide Permits, Federal Register 72, May 8, 2007, and the List of Regional Conditions. These files contain the description of the Nationwide Permit authorization, the Nationwide Permit general conditions, and the regional conditions, which apply specifically to this verification for NWP 46. A copy of a portion of the Final Nationwide Permits, Federal Register Vol. 72, dated March 12, 2007, has been enclosed, specifically pages 11180 through 11198. Additionally, enclosed is a list of the six General Conditions, which apply to all Department of the Army authorizations. You must comply with all of the special and general conditions and any project specific condition of this authorization or you may be subject

to enforcement action. In the event you have not completed construction of your project within the specified time limit, a separate application or re-verification may be required.

The following special conditions are included with this verification:

1. Within 60 days of completion of the work authorized, the attached "Self-Certification Statement of Compliance" must be completed and submitted to the U.S. Army Corps of Engineers. Mail the completed form to the Regulatory Division, Enforcement Section, Post Office Box 4970, Jacksonville, Florida 32232-0019.

2. No structure or work shall adversely affect or disturb properties listed in the National Register of Historic Places or those eligible for inclusion in the National Register. Prior to the start of work, the Permittee or other party on the Permittee's behalf, shall conduct a search in the National Register Information System (NRIS). Information can be found at; <http://www.cr.nps.gov/nr/research/nris.htm>. Information on properties eligible for inclusion in the National Register can be identified by contacting the Florida Master File Office by email at fmsfile@dos.state.fl.us or by telephone at 850-245-6440.

If unexpected cultural resources are encountered at any time within the project area that was not the subject of a previous cultural resource assessment survey, work should cease in the immediate vicinity of such discoveries. The permittee, or other party, should notify the SHPO immediately, as well as the appropriate Army Corps of Engineers office. After such notifications, project activities should not resume without verbal and/or written authorization from the SHPO.

If unmarked human remains are encountered, all work shall stop immediately, and the proper authorities notified in accordance with Section 872.05, Florida Statutes, unless on Federal lands. After such notifications, project activities on non-Federal lands shall not resume without verbal and/or written authorization from the Florida State Archaeologist for finds under his or her jurisdiction.

3. Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures along the perimeter of all work areas to prevent the displacement of fill material. Immediately after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas adjacent to wetlands shall be stabilized using sod, degradable mats, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work has been completed and the site has been stabilized.

4. No impacts to wetlands are authorized by this permit.

This letter of authorization does not obviate the necessity to obtain any other Federal, State, or local permits, which may be required. In Florida, projects qualifying for this NWP must be authorized under Part IV of Chapter 373 by the Department of Environmental Protection, a water management district under §. 373.069, F.S., or a local government with delegated authority under §. 373.441, F.S., and receive Water Quality Certification (WQC) and Coastal Zone Consistency Concurrence (CZCC) (or a waiver), as well as any authorizations required by the State for the use of sovereignty submerged lands. You should check State-permitting requirements with the Florida Department of Environmental Protection or the appropriate water management district.

This letter does not give absolute Federal authority to perform the work as specified on your application. The proposed work may be subject to local building restrictions mandated by the National Flood Insurance Program. You should contact your local office that issues building permits to determine if your site is located in a flood-prone area, and if you must comply with the local building requirements mandated by the National Flood Insurance Program.

If you are unable to access the internet or require a hardcopy of any of the conditions, limitations, or expiration date for the above referenced NWP, please contact Justin W. Hughes by telephone at 561-472-3519.

This letter contains an approved jurisdictional determination. Enclosed you will find the approved jurisdictional determination form and a Notification of Appeal Process fact sheet and Request for Appeal (RFA) form. If you object to this determination, you may request an administrative appeal under Corps' regulations at 33 CFR Part 331. If you request to appeal this determination, you must submit a completed RFA form to the South Atlantic Division Office at the following address:

Mr. Michael F. Bell
South Atlantic Division
U.S. Army Corps of Engineers
CESAD-CM-CO-R, Room 9M15
60 Forsyth St., SW.
Atlanta, Georgia 30303-8801.

Mr. Bell can be reached by telephone number at 404-562-5137, or by facsimile at 404-562-5138.

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR Part 331.5, and that it has been received by the Division office within 60 days of the date of the RFA. Should you decide to submit an RFA form, it must be received at the above address by July 7, 2008.

Thank you for your cooperation with our permit program. The Corps Jacksonville District Regulatory Division is committed to improving service to our customers. We strive to perform our duty in a friendly and timely manner while working to preserve our environment. We invite you to take a few minutes to visit the following link and complete our automated Customer Service Survey: <http://per2.nwp.usace.army.mil/survey.html>. Your input is appreciated - favorable or otherwise.

Sincerely,

A handwritten signature in black ink that reads "Tori White". The signature is written in a cursive, flowing style.

Tori White
Chief, Palm Beach Gardens Section

Enclosures

Copy/ies Furnished:

Cc: Arcadis U.S., Inc.
2081 Vista Parkway, West Palm Beach, FL 33411

bcc:
CESAJ-RD-PE

GENERAL CONDITIONS

33 CFR PART 320-330

PUBLISHED FEDERAL REGISTER DATED 13 NOVEMBER 1986

1. The time limit for completing the work authorized ends on date identified in the letter. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.
3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
4. If you sell the property associated with this permit you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow a representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

SELF-CERTIFICATION STATEMENT OF COMPLIANCE

Permit Number: NW-46
Application Number: SAJ-2008-1208 (NW-JWH)

Permittee's Name & Address (please print or type): _____

Telephone Number: _____

Location of the Work: _____

Date Work Started: _____ Date Work Completed: _____

Description of the Work (e.g., bank stabilization, residential or commercial filling, docks, dredging, etc.): _____

Acreage or Square Feet of Impacts to Waters of the United States: _____

Describe Mitigation completed (if applicable): _____

Describe any Deviations from Permit (attach drawing(s) depicting the deviations): _____

I certify that all work, and mitigation (if applicable) was done in accordance with the limitations and conditions as described in the permit. Any deviations as described above are depicted on the attached drawing(s).

Signature of Permittee

Date

DEPARTMENT OF THE ARMY PERMIT TRANSFER REQUEST

PERMIT NUMBER: _____

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. Although the construction period for works authorized by Department of the Army permits is finite, the permit itself, with its limitations, does not expire.

To validate the transfer of this permit and the associated responsibilities associated with compliance with its terms and conditions, have the transferee sign and date below and mail to the U.S. Army Corps of Engineers, Enforcement Branch, Post Office Box 4970, Jacksonville, FL 32232-0019.

(TRANSFEREE-SIGNATURE)

(SUBDIVISION)

(DATE)

(LOT)

(BLOCK)

(NAME-PRINTED)

(STREET ADDRESS)

(MAILING ADDRESS)

(CITY, STATE, ZIP CODE)

**NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND
REQUEST FOR APPEAL**

Applicant: Palm Beach County BOCC		File Number: SAJ-2008-1208	Date: MAY 07 2008
Attached is:			See Section below
	INITIAL PROFFERED PERMIT (Standard Permit or Letter of permission)		A
	PROFFERED PERMIT (Standard Permit or Letter of permission)		B
	PERMIT DENIAL		C
X	APPROVED JURISDICTIONAL DETERMINATION		D
	PRELIMINARY JURISDICTIONAL DETERMINATION		E

SECTION I - The following identifies your rights and options regarding an administrative appeal of the above decision. Additional information may be found at <http://usace.army.mil/inet/functions/cw-ecw/cw-reg> or Corps regulations at 33 CFR Part 331.

A: INITIAL PROFFERED PERMIT: You may accept or object to the permit.

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **OBJECT:** If you object to the permit (Standard or LOP) because of certain terms and conditions therein, you may request that the permit be modified accordingly. You must complete Section II of this form and return the form to the district engineer. Your objections must be received by the district engineer within 60 days of the date of this notice, or you will forfeit your right to appeal the permit in the future. Upon receipt of your letter, the district engineer will evaluate your objections and may: (a) modify the permit to address all of your concerns, (b) modify the permit to address some of your objections, or (c) not modify the permit having determined that the permit should be issued as previously written. After evaluating your objections, the district engineer will send you a proffered permit for your reconsideration, as indicated in Section B below.

B: PROFFERED PERMIT: You may accept or appeal the permit

- **ACCEPT:** If you received a Standard Permit, you may sign the permit document and return it to the district engineer for final authorization. If you received a Letter of Permission (LOP), you may accept the LOP and your work is authorized. Your signature on the Standard Permit or acceptance of the LOP means that you accept the permit in its entirety, and waive all rights to appeal the permit, including its terms and conditions, and approved jurisdictional determinations associated with the permit.
- **APPEAL:** If you choose to decline the proffered permit (Standard or LOP) because of certain terms and conditions therein, you may appeal the declined permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

C: PERMIT DENIAL: You may appeal the denial of a permit under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

D: APPROVED JURISDICTIONAL DETERMINATION: You may accept or appeal the approved JD or provide new information.

- **ACCEPT:** You do not need to notify the Corps to accept an approved JD. Failure to notify the Corps within 60 days of the date of this notice, means that you accept the approved JD in its entirety, and waive all rights to appeal the approved JD.
- **APPEAL:** If you disagree with the approved JD, you may appeal the approved JD under the Corps of Engineers Administrative Appeal Process by completing Section II of this form and sending the form to the division engineer. This form must be received by the division engineer within 60 days of the date of this notice.

E: PRELIMINARY JURISDICTIONAL DETERMINATION: You do not need to respond to the Corps regarding the preliminary JD. The Preliminary JD is not appealable. If you wish, you may request an approved JD (which may be appealed), by contacting the Corps district for further instruction. Also you may provide new information for further consideration by the Corps to reevaluate the JD.

SECTION II - REQUEST FOR APPEAL or OBJECTIONS TO AN INITIAL PROFFERED PERMIT

REASONS FOR APPEAL OR OBJECTIONS: (Describe your reasons for appealing the decision or your objections to an initial proffered permit in clear concise statements. You may attach additional information to this form to clarify where your reasons or objections are addressed in the administrative record.)

ADDITIONAL INFORMATION: The appeal is limited to a review of the administrative record, the Corps memorandum for the record of the appeal conference or meeting, and any supplemental information that the review officer has determined is needed to clarify the administrative record. Neither the appellant nor the Corps may add new information or analyses to the record. However, you may provide additional information to clarify the location of information that is already in the administrative record.

POINT OF CONTACT FOR QUESTIONS OR INFORMATION:

If you have questions regarding this decision and/or the appeal process you may contact:

Project Manager as noted in letter

If you only have questions regarding the appeal process you may also contact:

**Michael F. Bell
404-562-5137**

RIGHT OF ENTRY: Your signature below grants the right of entry to Corps of Engineers personnel, and any government consultants, to conduct investigations of the project site during the course of the appeal process. You will be provided a 15 day notice of any site investigation, and will have the opportunity to participate in all site investigations.

Signature of appellant or agent.

Date:

Telephone number:

COUNTY OF PALM BEACH STATE OF FLORIDA

INTERSECTION IMPROVEMENTS

FOREST HILL BOULEVARD
AT STATE ROAD 7 (U.S. 441)

BOARD OF COUNTY COMMISSIONERS
PROJECT NO. 20015074

KAREN T. MARCUS
DISTRICT 1

JOHN F. KOONS
DISTRICT 2
MARY MCCARTY
DISTRICT 4
JESS SANTAMARIA
DISTRICT 6



ROBERT J. KANJIAN
DISTRICT 3
BURT AARONSON
DISTRICT 5
ADDIE L. GREENE
DISTRICT 7

RECEIVED
MAR 24 2008
ENV RES REGISTRATION

080324-2

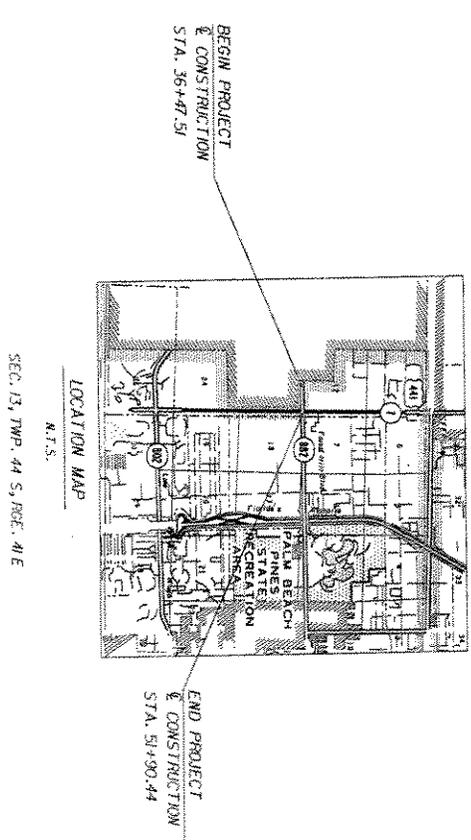
INDEX OF SHEETS

SHEET No.	DESCRIPTION
1	COVER SHEET
2-4	TYPICAL SECTIONS
5	SUMMARY OF QUANTITIES
6	REFERENCE LISTS
7	GENERAL NOTES
8	DETAILS
9-#	PLAN SHEETS
10-#	CROSS SECTIONS

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND ARE GOVERNED BY THE STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS, (BOOKLET DATED 2008)

GOVERNING SPECIFICATIONS:
THE FLORIDA DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, DATED 2008, AND SPECIAL PROVISIONS THEREIN IF NOTED IN THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

ARCADIS U.S., INC.
2001 VISTA PARKWAY, WEST PALM BEACH, FLORIDA 33411
(561) 837-1000 FAX (561) 837-1731



ENGINEER'S CERTIFICATION

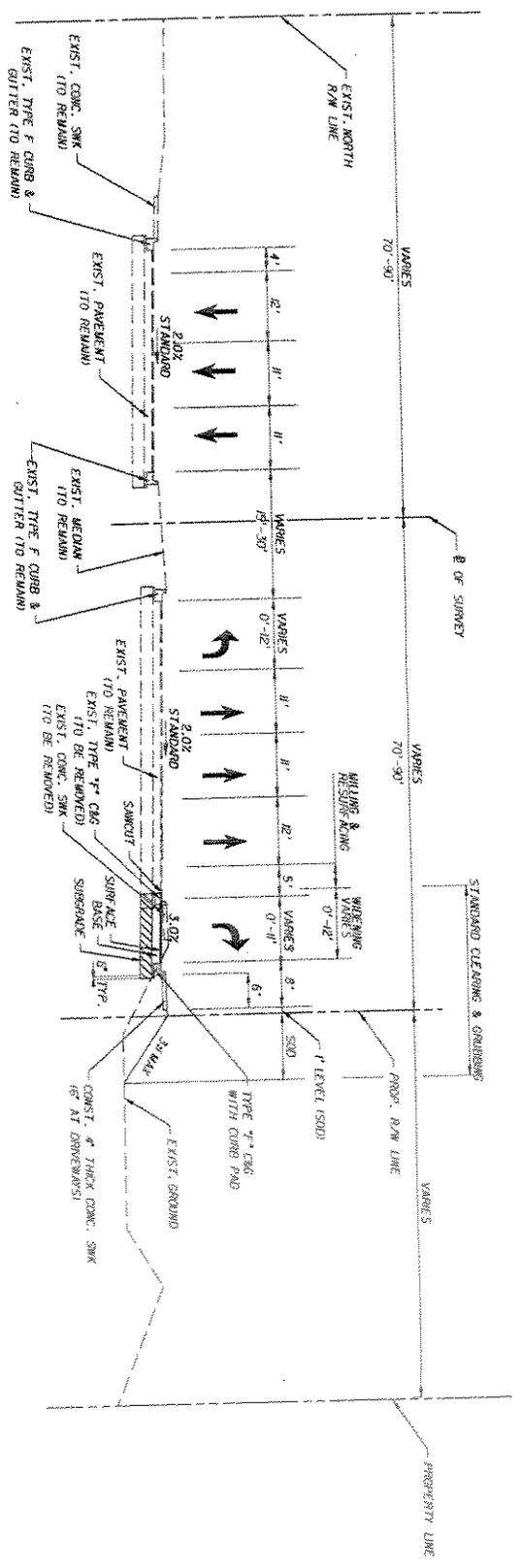
LENGTH OF PROJECT	
MILES	FEET
0.28	1,482.00
0.0	0.0
0.28	1,482.00
0.0	0.0
0.28	1,482.00

ENGINEER'S CERTIFICATION
I HEREBY CERTIFY THAT THE ATTORNEY, PLANNING AND SURVEYING ENGINEER HAS REVIEWED THESE PLANS AND SPECIFICATIONS AND APPROVES THEM FOR THE DESIGN STANDARDS AND DISTRICTS IN EFFECT ON THIS DATE FOR PALM BEACH COUNTY ENGINEERING DEPARTMENT AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION.

DATE: *March 24, 2008*
W. O. Green
 W. O. GREEN, JR., P.E.
 ENGINEER

2008 03 24 10:00 AM
2008 03 24 10:00 AM

SHEETS: 1 OF: 15	PROJECT: PLAN 6 OF PROPOSED ROADWAY IMPROVEMENTS FOREST HILL BOULEVARD AT S.R. 7 (U.S. - 441)	SCALE: NTS APPROVED BY: DRAWN BY: CHECKED BY: DATE: 02/08/08 FIELD BOOK NO.	REVIEWER: DATE:	PALM BEACH COUNTY ENGINEERING AND PUBLIC WORKS ROADWAY PRODUCTION P.O. BOX 21229 WEST PALM BEACH, FLORIDA
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TYPICAL SECTION
 FOREST HILL BOULEVARD
 STA. 36+49.05 TO STA. 39+81.20

DESIGN SPEED = 45 MPH

- TYPICAL SECTION NOTES:
1. ALL PAVED AREAS WITHIN THE PROJECT LIMITS WHICH ARE NOT SPECIFICALLY COVERED BY A TYPICAL PAVEMENT BE CONSTRUCTED IN ACCORDANCE WITH THE PAVEMENT SPECIFICATIONS INDICATED HEREON, UNLESS OTHERWISE NOTED.
 2. WHEN LOCATED ON THE HIGH SIDE OF THE ROADWAY, CURB & GUTTER TYPE "F" SHALL BE ADAPTED IN ACCORDANCE WITH FOOT STANDARD INDEX NO. 300.
 3. TACK COAT SHALL BE APPLIED AT A RATE OF 0.05 GAL/SY. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.10 GAL/SY. AS DIRECTED BY THE ENGINEER.
 4. CURB AND SINK SHALL BE CONSTRUCTED OF 6" BASECOURSE OR 5" OF TYPE "F" AND SHALL EXTEND A MINIMUM OF 5' BEYOND THE BACK OF CURB. COST OF CURB AND SINK SHALL BE INCLUDED IN THE PRICE FOR CURB & GUTTER.
 5. CONTRACTOR MAY SUBSTITUTE BASE OPTION OF 6" ABC-3 OR 5" ABC-3 IF THE ENGINEER DEEMED APPROPRIATE. COURSE AT NO ADDITIONAL COST TO PALM BEACH COUNTY.

ARCADIS U.S., INC.
 2001 VISTA PARKWAY, WEST PALM BEACH, FL 33411
 (561) 687-7000, FAX (561) 687-7151

HEINRICH W. DEIBEL, JR.
 P.E. NO. 50449

NO. 1
 REVISIONS
 DATE



PALM BEACH COUNTY
 ENGINEERING AND PUBLIC WORKS
 ROADWAY PRODUCTION
 P.O. BOX 21229
 WEST PALM BEACH, FLORIDA

SCALE: 1"=10'
 APPROVED: [Signature]
 DRAWN: [Signature]
 CHECKED: [Signature]
 DATE: 02/08
 FIELD BOOK NO.

TYPICAL SECTION
 FOREST HILL BLVD
 AT S.R. 7 (US-441)

SHEETS: 2
 OF: 16
 PROJECT NO.: 070566
 Dwg. JOB NO.: 100150

WIDENING	SURFACE: 1-1/2" TYPE 5-H ASPHALT SURFACE COURSE; OVER 2" TYPE S-1 ASPHALTIC CONCRETE
BASE:	6" BASECOURSE (DOUBLE COURSE)
SURFACE:	6" COMPACTED SURFACE PER E.O. 9, COMPACTED TO 100% AIRDENSITY 1-3/4" MAXIMUM DRY DENSITY
WIDENING & RESURFACING	WILLING: MILL EXISTING PAVEMENT 11-1/2" MINIMUM DEPTH
OVERBUILD:	OVERBUILD AS REQUIRED WITH TYPE 5



ARCADIS U.S., INC.
 HEADQUARTERS
 1000 WEST PALM BEACH BLVD, SUITE 1100
 WEST PALM BEACH, FLORIDA 33411
 TEL: 561.831.1100 FAX: 561.831.1101

DATE: MAR 20 2008
 BY: W. DEIBEL, JR., P.E.
 PROJECT NO.: 50449

REVISIONS
 NO. DATE

PALM BEACH COUNTY
 ENGINEERING AND PUBLIC WORKS
 ROADWAY PRODUCTION
 P.O. BOX 21229
 WEST PALM BEACH, FLORIDA

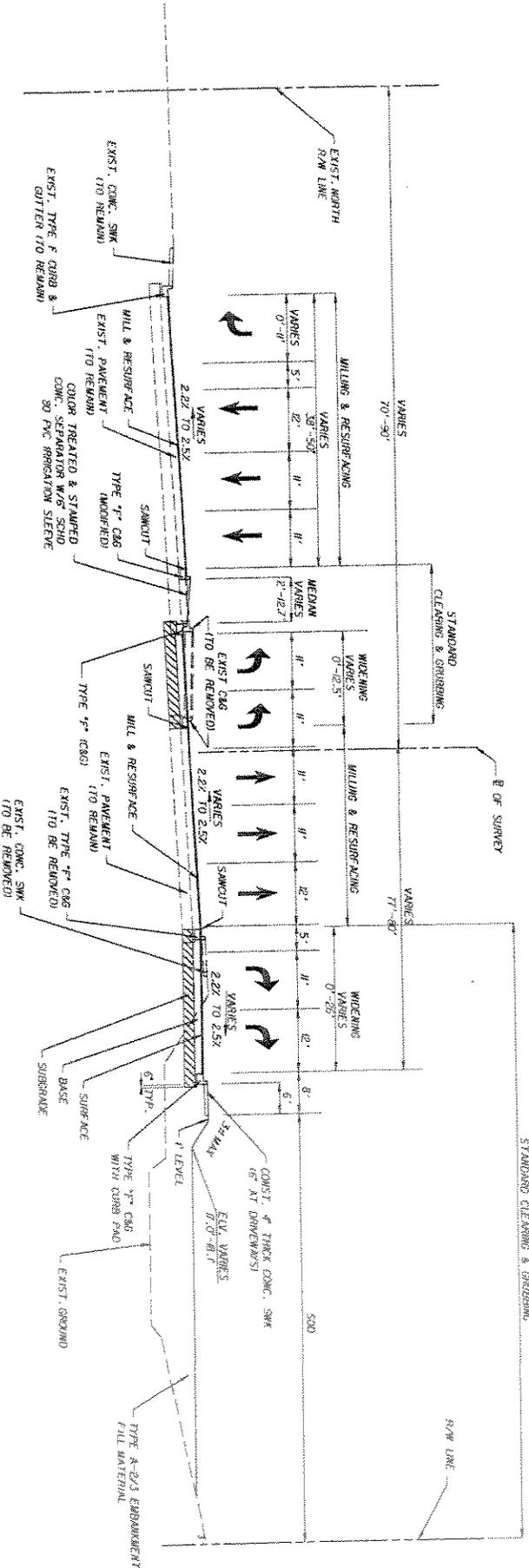
SCALE: 1"=10'
 APPROVED: [Signature]
 DATE: 02/20/08
 FILED BOOK NO.: 174728

TYPICAL SECTION
 FOREST HILL BLVD
 AT S.R. 7 (US-441)

SHEET: 3
 OF: 15
 PROJECT NO.: 050660
 DC-208-000-2001501

- TYPICAL SECTION NOTES:
1. ALL PAVED AREAS WITHIN THE PROJECT LIMITS WHICH ARE NOT SPECIFICALLY NOTED IN THE TYPICAL SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PAVEMENT SPECIFICATIONS INDICATED HEREON, UNLESS OTHERWISE NOTED.
 2. WHEN LOCATED ON THE HIGH SIDE OF THE ROADWAY, CURB & GUTTER TYPE SHALL BE SPECIFIED IN ACCORDANCE WITH FOOT STANDARD WHEN NOT NOTED.
 3. TACK COAT SHALL BE APPLIED AT A RATE OF 0.05 GAL/SY. PRIME COAT SHALL BE APPLIED AT A RATE OF 0.18 GAL/SY, AS DIRECTED BY THE ENGINEER.
 4. CURB PADS SHALL BE CONSTRUCTED OF 6" BASECOURSE OR 3" OF A.S.C. 3 AND SHALL EXTEND A MINIMUM OF 6" BEYOND THE BACK OF CURB. COST OF CURB PAD SHALL BE INCLUDED IN THE PRICE FOR CURB & GUTTER.
 5. CONTRACTOR MAY SUBSTITUTE BASE OPTION OF 6" A.S.C.-3 FOR BASECOURSE OF THICK DOUBLE COURSE AT NO ADDITIONAL COST TO PALM BEACH COUNTY.

TYPICAL SECTION
 FOREST HILL BOULEVARD
 STA. 40+55.45 TO STA. 44+63.34



DESIGN SPEED = 45 MPH

WIDENING	SURFACE: 1-1/2" TYPE S-III ASPHALT SURFACE COURSE OVER 2" TYPE S-I ASPHALTIC CONCRETE
	BASE: 6" BASECOURSE (DOUBLE COURSE)
	SUBGRADE: 6" COMPACTED SUBGRADE PER 90.9, COMPACTED TO EXIST. ASHTO I-99 MAXIMUM DRY DENSITY
MILLING & RESURFACING	
	WIDENING: MILL EXISTING PAVEMENT (1-1/2" MINIMUM DEPTH)
	OVERBUILD: 1-1/2" TYPE S-III ASPHALT SURFACE COURSE OVERBUILT AS REQUIRED WITH TYPE S

SUMMARY OF QUANTITIES

FOR ITEMS & CONTINGENCY ITEMS FOOTNOTES:

- ITEM 2 INCLUDES ALL ITEMS FOR MAINTENANCE OF TRAFFIC WHICH ARE NOT INCLUDED FOR PREVIOUS WORK. INCLUDES RESTRICTION MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH SECTION 9-2 OF THE SPECIFICATIONS.
- ITEM 4 INCLUDES REMOVAL OF EXISTING DRAINAGE STRUCTURES & PIPES; CONCRETE CURBS; FENCE; CURBS; TRAFFIC SEPARATION STRUCTURES; CONSTRUCTION OF CONCRETE GUARDRAIL; F.O.P.'S; TIE-BACKS; CONSTRUCTION OF CONCRETE CURBS; TRAFFIC SEPARATION STRUCTURES; AND ALL SPECIFICALLY COVERED UNDER SECTION 9-2 OF THE SPECIFICATIONS.
- ITEM 5 INCLUDES ALL EXISTING ITEMS, EXCAVATION AND EMBANKMENT FOR ACCORDANCE WITH SECTION 9-2 OF THE SPECIFICATIONS.
- ITEMS 8-14 INCLUDE DRAINAGE MATERIAL, PAINT COAT, AND TACK COAT, AS REQUIRED.
- ITEMS 25-28 ALL STRUCTURES ARE LESS THAN 6" IN DEPTH, UNLESS OTHERWISE NOTED. ITEM 25 INCLUDES SAW-CUTTING AND REMOVAL OF EXISTING PAVEMENT, CURBS, AND SIDEWALKS TO EXISTING SURFACE; SAW-CUTTING OR CORE DRILLING TO 24" IN TO EXISTING SURFACE; CONCRETE CURBS; CONCRETE SIDEWALKS; AND SIDEWALKS AS REQUIRED, INCLUDING MATERIALS AS SPECIFIED BY THE ENGINEER.
- ITEM 25 INCLUDES ALL CONCRETE, GRASS, AND PLANTING AT DRIVEWAYS AND VAC CURB-OUT RAYS; AND CURB TYPERS AND PLANTING CURBS.
- ITEM 29 SHALL BE IN ACCORDANCE WITH SECTION 9-3 OF THE SPECIFICATIONS.

NO.	DESCRIPTION	UNIT	QUANTITY
1	MAINTENANCE OF TRAFFIC (INCLUDES RESTRICTION M.O.T.)	CS	1
2	M.O.T. S. COMPLIANCE (SEE SPECIAL PROVISIONS)	CS	1
3	TRAFFIC SEPARATION STRUCTURES	CS	1
4	CONCRETE CURBS	CS	1
5	CONCRETE FENCE	CS	1
6	CONCRETE GUARDRAIL	CS	1
7	CONCRETE CURB	CS	1
8	CONCRETE CURB	CS	1
9	CONCRETE CURB	CS	1
10	CONCRETE CURB	CS	1
11	CONCRETE CURB	CS	1
12	CONCRETE CURB	CS	1
13	CONCRETE CURB	CS	1
14	CONCRETE CURB	CS	1
15	CONCRETE CURB	CS	1
16	CONCRETE CURB	CS	1
17	CONCRETE CURB	CS	1
18	CONCRETE CURB	CS	1
19	CONCRETE CURB	CS	1
20	CONCRETE CURB	CS	1
21	CONCRETE CURB	CS	1
22	CONCRETE CURB	CS	1
23	CONCRETE CURB	CS	1
24	CONCRETE CURB	CS	1
25	CONCRETE CURB	CS	1
26	CONCRETE CURB	CS	1
27	CONCRETE CURB	CS	1
28	CONCRETE CURB	CS	1
29	CONCRETE CURB	CS	1
30	CONCRETE CURB	CS	1
31	CONCRETE CURB	CS	1
32	CONCRETE CURB	CS	1
33	CONCRETE CURB	CS	1
34	CONCRETE CURB	CS	1
35	CONCRETE CURB	CS	1
36	CONCRETE CURB	CS	1
37	CONCRETE CURB	CS	1
38	CONCRETE CURB	CS	1
39	CONCRETE CURB	CS	1
40	CONCRETE CURB	CS	1
41	CONCRETE CURB	CS	1
42	CONCRETE CURB	CS	1
43	CONCRETE CURB	CS	1
44	CONCRETE CURB	CS	1
45	CONCRETE CURB	CS	1

CONTINGENCY ITEMS MAY BE INCREASED, DECREASED OR DELETED AS DIRECTED BY THE ENGINEER, IN CASE OF DISCREPANCY WITH THE PLANS. THE QUANTITIES AS LISTED ABOVE, SHALL GOVERN OVER THE PLANS.

ARCADIS U.S. INC.
2081 VISTA PARKWAY, WEST PALM BEACH, FL 33411
TEL: (561) 837-7000 FAX: (561) 691-7151

MAR 20 2008
BY: W. DEBEL
RE: NO. 50445

NO.	REVISION	BY	DATE
1			

PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229
WEST PALM BEACH, FLORIDA

SCALE: NTS
APPROVED: MD
DATE: 02/08
FILED: 02/08

SUMMARY OF QUANTITIES
FOREST HILL BLVD
AT S.R. 7 (US-441)

SHEET: 5
OF: 16
PROJECT NO.: 054600
REV. JOB NO.: 20015074



2081 VISTA PARKWAY, WEST PALM BEACH, FL 33411
 15611 887-2000, FAX 15611 697-7751

7017 / LB 1062
MAR 20 2008
 BENJAMIN DEBELLE
 P.E. NO. 50449

NO.	REVISION	BY	DATE

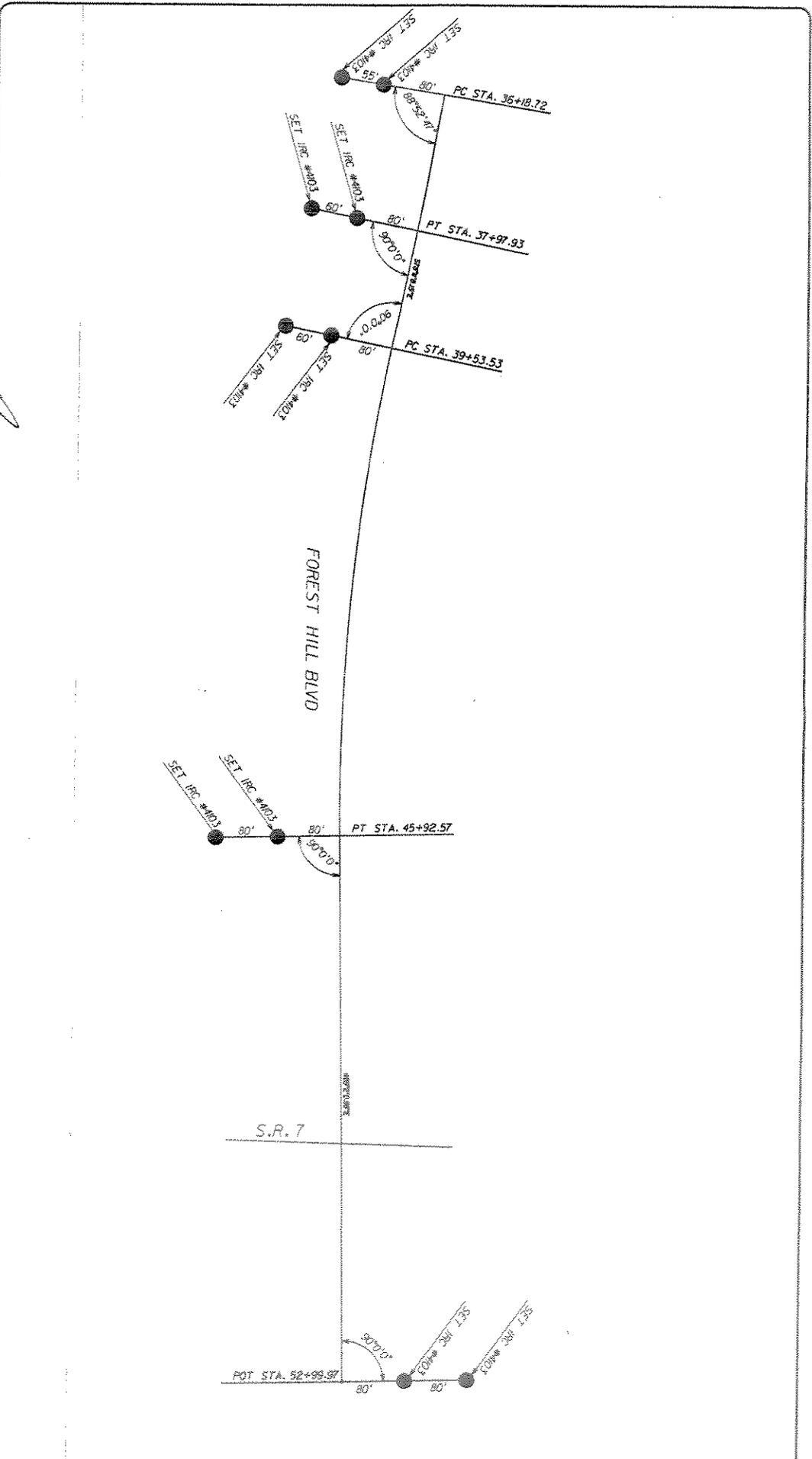


PALM BEACH COUNTY
 ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
 P.O. BOX 21229
 WEST PALM BEACH, FLORIDA

SCALE: 1" = 40'
 APPROVED: [Signature]
 CHECKED: [Signature]
 DATE: 02/28/08
 FIELD BOOK NO. 12028087

REFERENCE TIES
 FOREST HILL BLVD
 AT S.R. 7 (08-441)

SHEET: 3
 OF: 15
 PROJECT NO.: 080800
 P.C. JOB NO.: 20015074




ARCADIS U.S. INC.
 208 VISTA PARKWAY WEST PALM BEACH, FL 33411
 15611 697-7000 FAX 15611 697-7751

HENRY W. DEBEL, JR.
 PE NO. 50449
 APR 20 2008

REVISION	DATE



PALM BEACH COUNTY
 ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
 P.O. BOX 21229
 WEST PALM BEACH, FLORIDA

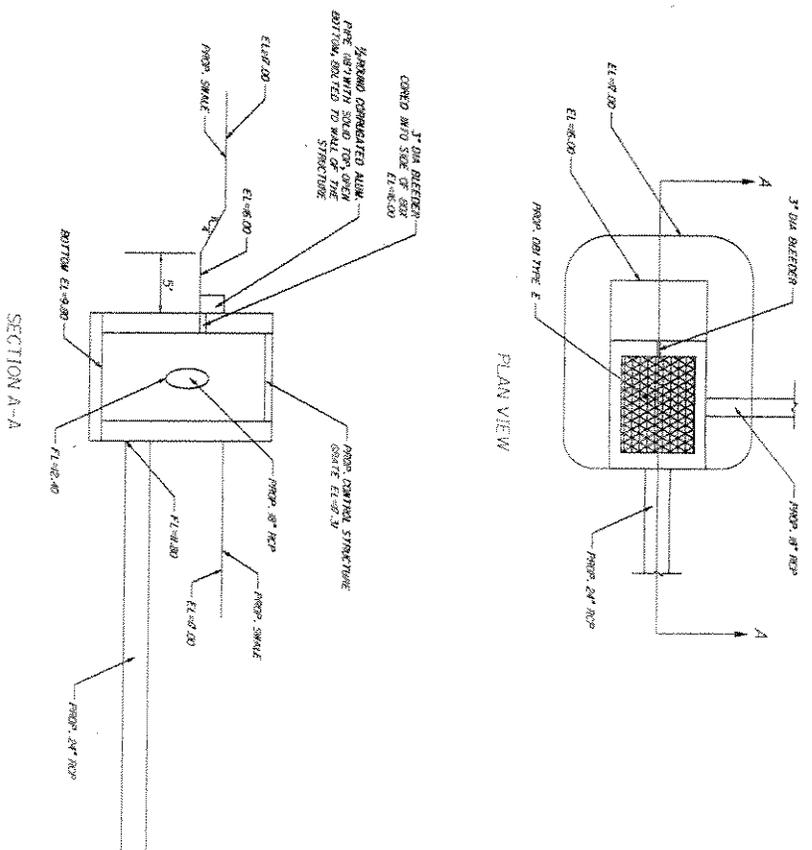
SCALE:	N.T.S.
APPROVED:	NO
CHECKED:	JS
DATE:	02/08
FIELD BOOK NO.	

DETAILS
FOREST HILL BLVD
AT S.R. 7 (US-441)

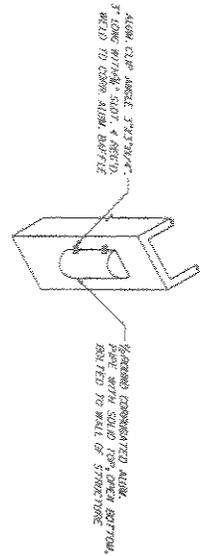
SHEET:	8
OF:	16
PROJECT NO.:	0805666
PRC. JOB NO.:	1201307A

CONTROL STRUCTURE S-202

N.T.S.

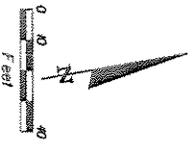


PLAN VIEW

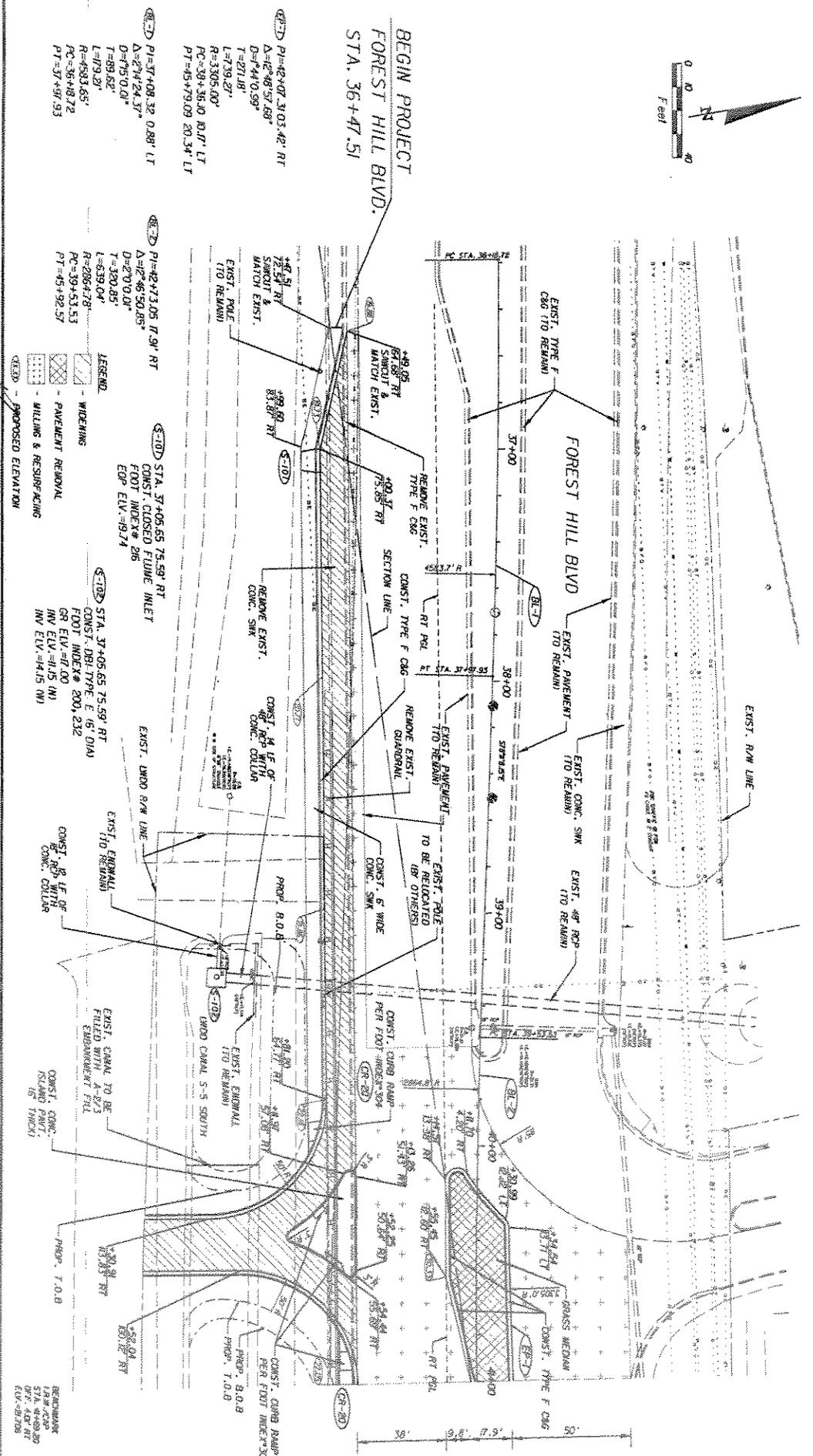


3/8\"/>

1/2\"/>



BEGIN PROJECT
FOREST HILL BLVD.
STA. 36+47.51



PI=42+07.31 03.42° RT
Δ=6°48'57.68"
D=6440.99'
T=871.48'
L=729.27'
R=3305.00'
PC=38+36.00 10.0° LT
PT=45+19.09 20.34° LT

PI=42+43.05 17.91° RT
Δ=2°46'50.85"
D=270.04'
T=350.85'
L=639.04'
R=2864.78'
PC=39+53.53
PT=45+19.25'

PI=42+43.05 17.91° RT
Δ=2°46'50.85"
D=270.04'
T=350.85'
L=639.04'
R=2864.78'
PC=39+53.53
PT=45+19.25'

PI=42+43.05 17.91° RT
Δ=2°46'50.85"
D=270.04'
T=350.85'
L=639.04'
R=2864.78'
PC=39+53.53
PT=45+19.25'

PI=42+43.05 17.91° RT
Δ=2°46'50.85"
D=270.04'
T=350.85'
L=639.04'
R=2864.78'
PC=39+53.53
PT=45+19.25'

PI=42+43.05 17.91° RT
Δ=2°46'50.85"
D=270.04'
T=350.85'
L=639.04'
R=2864.78'
PC=39+53.53
PT=45+19.25'

PI=42+43.05 17.91° RT
Δ=2°46'50.85"
D=270.04'
T=350.85'
L=639.04'
R=2864.78'
PC=39+53.53
PT=45+19.25'

PI=42+43.05 17.91° RT
Δ=2°46'50.85"
D=270.04'
T=350.85'
L=639.04'
R=2864.78'
PC=39+53.53
PT=45+19.25'

ARCADIS U.S., INC.
2081 VISTA PARKWAY, WEST PALM BEACH, FL 33411
TEL: 561.833.1500 FAX: 561.833.9211

REV. NO. 00449

DATE: MAR 20 2008

BY: [Signature]

CHK: [Signature]

PROJECT NO. 1005666

PROJECT NAME: FOREST HILL BLVD

PROJECT NO. 1005666

SCALE: 1"=40'

DATE: 03/20/08

FILED BOOK 200

APPROVED: [Signature]

CHECKED: [Signature]

DATE: 03/20/08

SCALE: 1"=40'

DATE: 03/20/08

FILED BOOK 200

APPROVED: [Signature]

CHECKED: [Signature]

DATE: 03/20/08

SCALE: 1"=40'

DATE: 03/20/08

FILED BOOK 200

APPROVED: [Signature]

CHECKED: [Signature]

DATE: 03/20/08

SCALE: 1"=40'

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DATE: 03/20/08

FILED BOOK 200

APPROVED: [Signature]

CHECKED: [Signature]

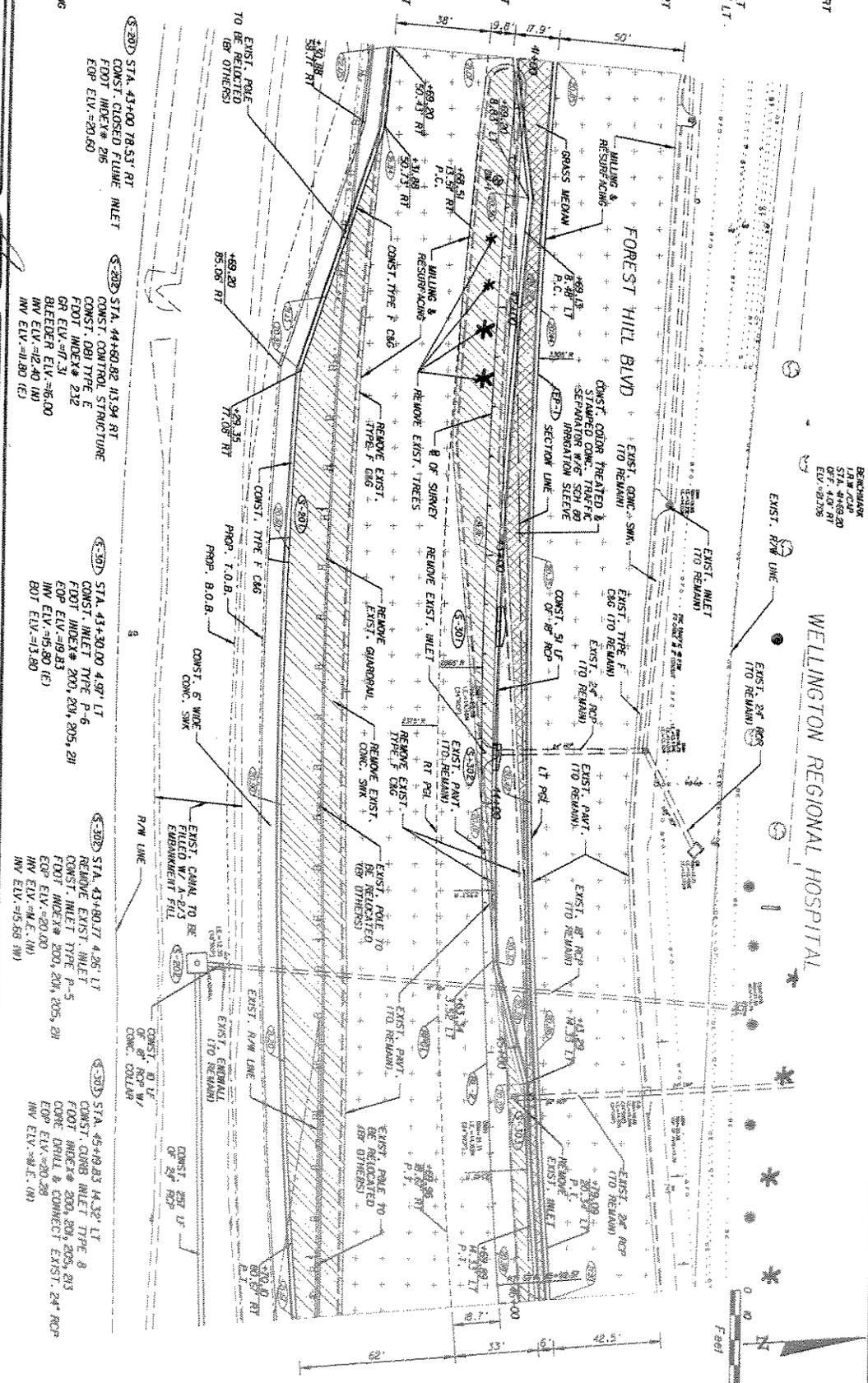
DATE

P1=42+407.31 0.3 42° RT
 Δ=12°48'57.68"
 D=27470.99'
 T=271.87'
 L=739.27'
 R=3305.00'
 PC=39+356.40 0.3 P1 LT
 PT=45+732.09 20.34 LT

P1=42+413.05 7.34 RT
 Δ=2°46'50.85"
 D=2700.00'
 T=320.25'
 L=639.04'
 R=2884.28'
 PC=39+453.53
 PT=45+952.57

P1=43+69.20 85.29 RT
 Δ=9°44'17.57"
 D=23244.433"
 T=202.44'
 L=403.69'
 R=2315.00'
 PC=41+69.81 51.35 RT
 PT=45+69.81 18.67 RT

LEGEND
 - WRECKING
 - PAVEMENT REMOVAL
 - MILLING & RESURFACING
 - PROPOSED ELEVATION



WELLINGTON REGIONAL HOSPITAL



ARCADIS U.S., INC.
 2001 VISTA PARKWAY, WEST PALM BEACH, FL 33411
 TEL: (561) 937-7000 FAX: (561) 697-7751

MAR 20 2008
 HENRY W. DEBEL
 P.E. NO. 50044

NO.	REVISION	BY	DATE



PALM BEACH COUNTY
 ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
 P.O. BOX 21229
 WEST PALM BEACH, FLORIDA

DATE	BY	APPROVED BY	DATE
02/20/08			

PLAN
 FOREST HILL BLVD
 AT S.R. 7 (US-441)

SHEET	10
OF	16
PROJECT NO.	08056606
FILE NO.	100130015073



ARCADIS U.S., INC.
 2081 VISTA PARKWAY, WEST PALM BEACH, FL 33411
 561.833.1200 FAX 561.837-7551

MAR 20 2008
 ENR/W. DEBRA

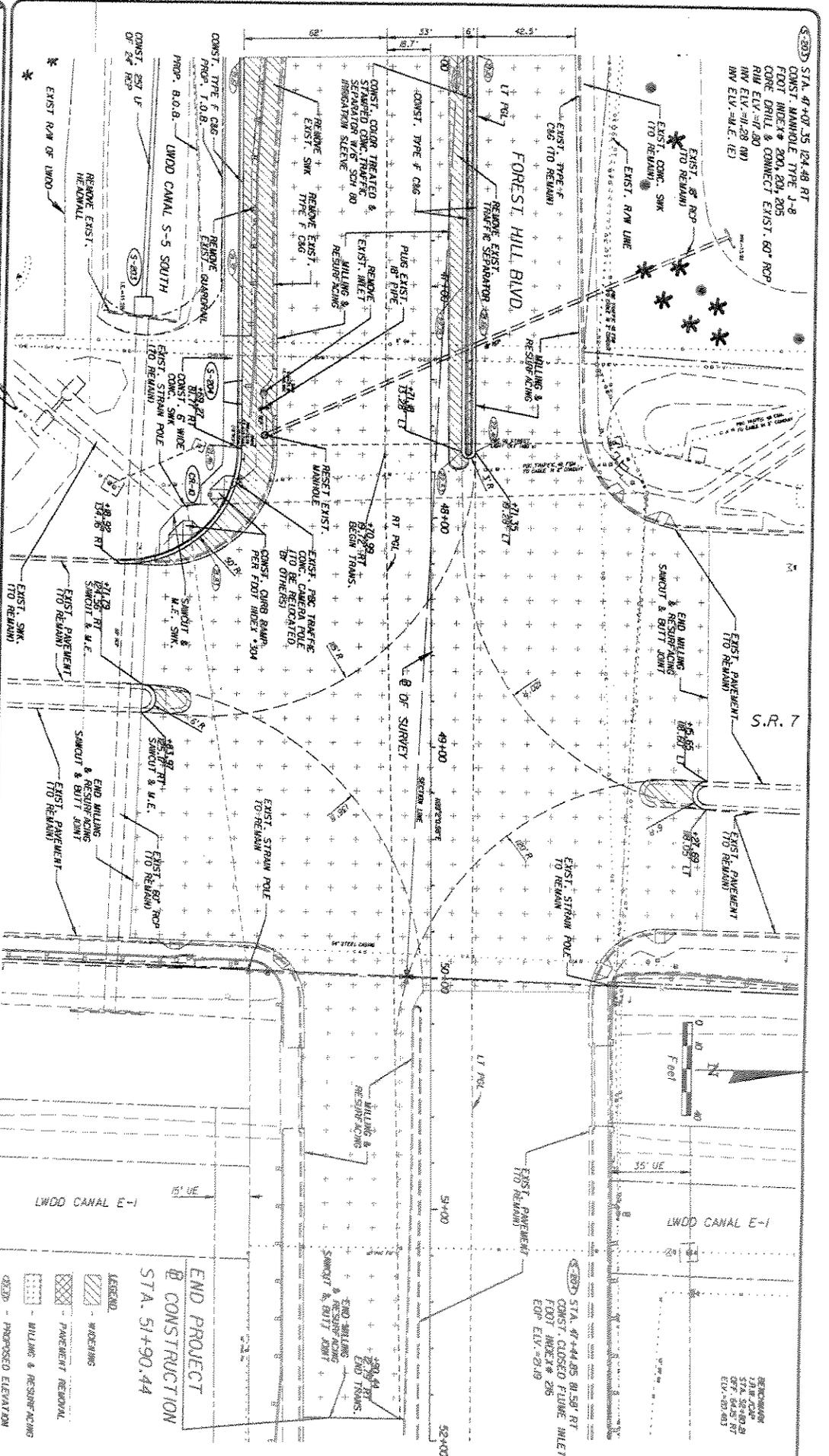
PL. NO. 506409

PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
 P.O. BOX 21229
 WEST PALM BEACH, FLORIDA

SCALE: AS SHOWN
 APPROX. 1" = 40'
 DRAWN: JF
 CHECKED: JS
 DATE: 02/08
 FIELD BOOK NO.

PLAN
FOREST HILL BLVD
AT S.R. 7 (US-441)

SHEET: 11
 OF: 18
 PROJECT NO.: 0705600
 REV. NO.: 20015015



END PROJECT
CONSTRUCTION
 STA. 51+90.44

LEGEND
 [Symbol] EXISTING
 [Symbol] PAVEMENT REMOVAL
 [Symbol] MILLING & RESURFACING
 [Symbol] PROPOSED ELEVATION

STA. 47+00 TO 52+48 RT
 CONST. MANHOLE TYPE 1-8
 CORE DRILL & CONNECT EXIST. 60" ROP
 R/W ELEV. = 77.80 (M)
 INV. ELEV. = 78.28 (M)
 INV. ELEV. = 78.12 (M)

S.R. 7

REVISIONS
 STA. 50+00 TO
 OFF. 04/25 RT
 ELEV. = 201.83


ARCADIS U.S., INC.
 2008 WEST PALM BEACH, FL 33411
 1501 WEST PALM BEACH BLVD. SUITE 1500
 WEST PALM BEACH, FL 33411

REVISION: NO. 1
 BY: DATE
 NO. 20 2008
 HENRI M. DEBEL JR., PE
 NO. 50449

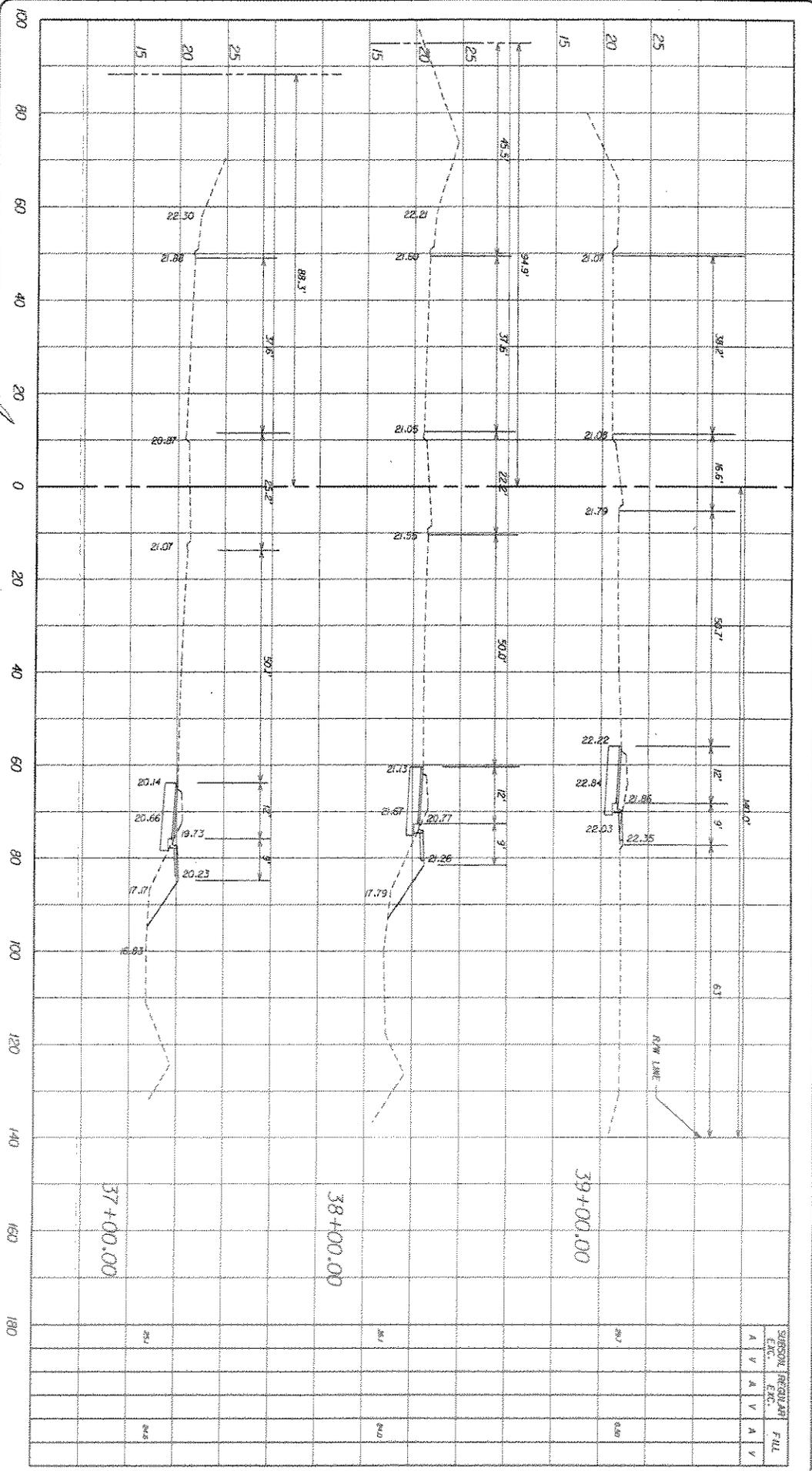
REVISION: NO. 1
 BY: DATE
 NO. 20 2008
 HENRI M. DEBEL JR., PE
 NO. 50449


PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
 P.O. BOX 21229
 WEST PALM BEACH, FLORIDA

SCALE: HORIZ. 1" = 20'
 VERT. 1" = 10'
 APPROVED: [Signature]
 CHECKED: [Signature]
 DATE: 02/08
 FIELD WORK NO. 724288

CROSS SECTION
FOREST HILL BLVD
AT S.R. 7 (US-441)

SHEET: 12
 OF: 16
 PROJECT NO.: BR 058800
 PREP. JOB NO.: 12003 S07A




ARCADIS U.S., INC.
 2001 VISTA PARKWAY, WEST PALM BEACH, FL 33411
 TEL: 561.833.1000 FAX: 561.833.7175

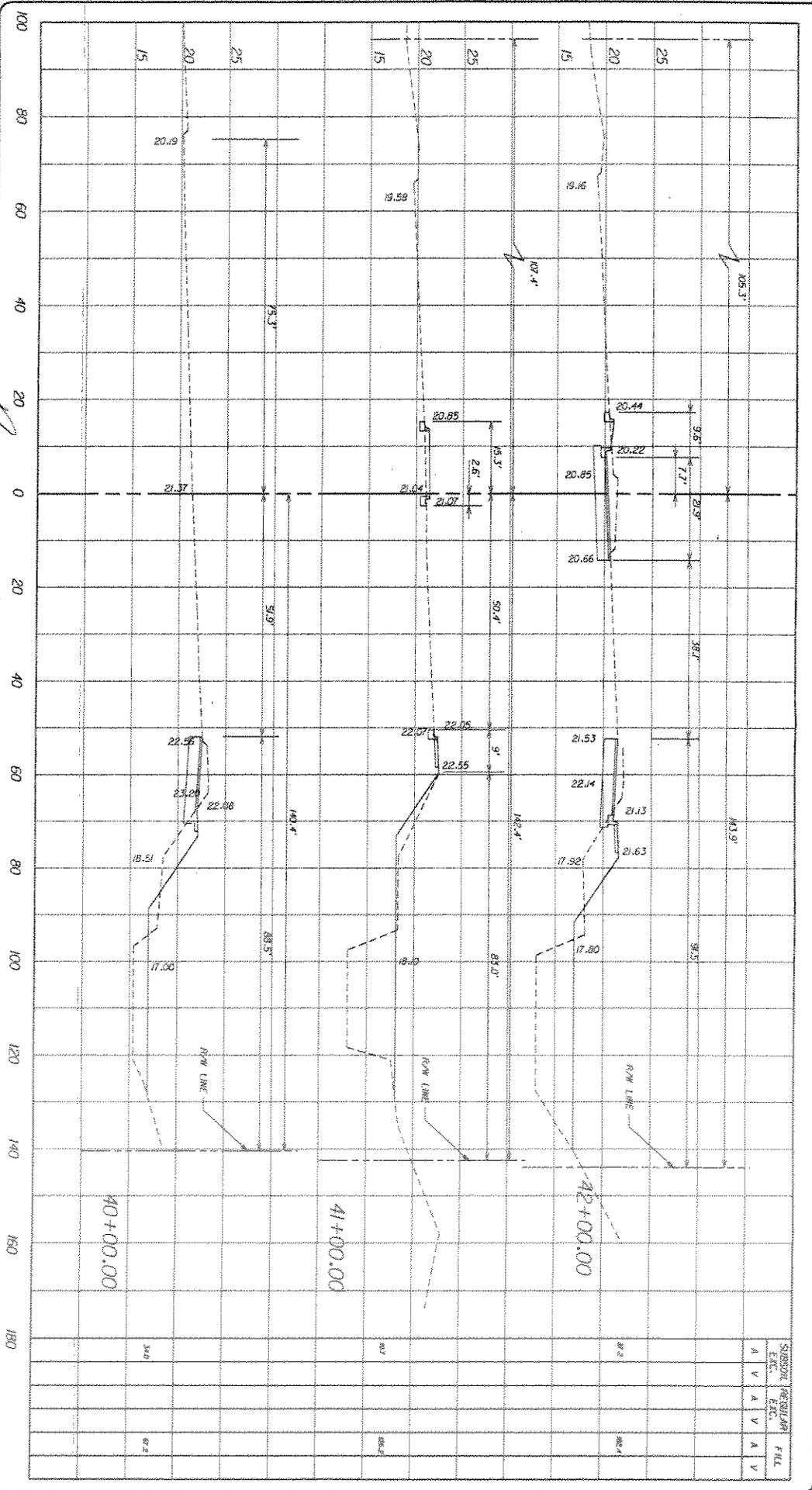
7917 / LB 1062
MAR 20 2008
 ENR/ALW/DRP
 PE NO. 50149


PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
 P. O. BOX 21229
 WEST PALM BEACH, FLORIDA

SCALE: H. 1"=30'
 APPROVED BY: [Signature]
 DESIGNED BY: [Signature]
 CHECKED BY: [Signature]
 DATE: 02/08
 FIELD BOOK NO.

CROSS SECTION
FOREST HILL BLVD
AT S.R. 7 (US-441)

SHEET: 13
 OF: 15
 PROJECT NO.: 065500
 DATE: JUN 03, 2001 5074



REVISION	DATE	BY	REVISION
A	V	A	V
A	V	A	V
A	V	A	V
A	V	A	V


ARCADIS U.S., INC.
 2001 VISTA PARKWAY, WEST PALM BEACH, FL 33411
 (561) 697-7000 FAX (561) 697-7751
 HENRY W. DEIBEL, JR.
APR 20 2008

NO.	REVISION	BY	DATE

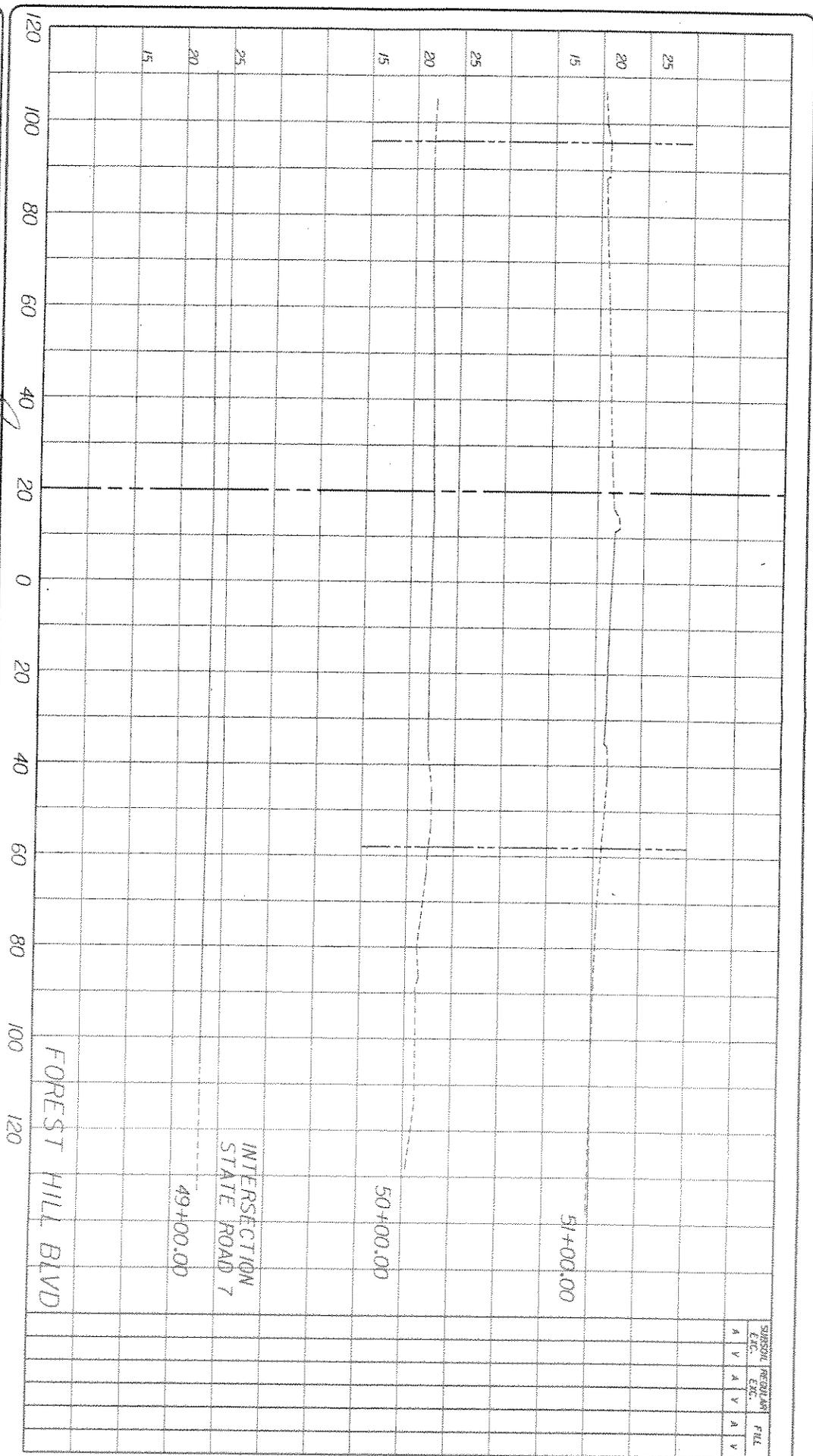

PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
 P.O. BOX 21229
 WEST PALM BEACH, FLORIDA

SCALE: 1" = 100'

DESIGNED BY	MS
CHECKED BY	ES
DATE	02/08
FIELD BOOK NO.	

CROSS SECTION
FOREST HILL BLVD
 AT S.R. 7 (US-441)

SHEET	16
OF	16
PROJECT NO.	W-056604
FILE NO.	200110074



STATION	REGULAR	FILE
120	A	V
100	A	V
80	A	V
60	A	V
40	A	V
20	A	V
0	A	V
20	A	V
40	A	V
60	A	V
80	A	V
100	A	V
120	A	V