DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
2170 SW Canal Street
Stuart, FL 34997

REPLY TO
ATTENTION OF

March 3, 2008

Regulatory Division
Special Projects and Enforcement Branch
SAJ-2008-138(NW-AAZ)

Florida Department of Transportation, District 4
Attn: Mr. James Hughes
3400 Commercial Boulevard
Fort Lauderdale, FL 33309

Dear Mr. Hughes:

Your application for a Department of the Army permit received on January 8, 2008, has been assigned number SAJ-2008-138(NW-AAZ). A review of the information and drawings provided shows the proposed work involves milling and resurfacing State Road 845 (SR 845), which includes placing flowable fill within the existing French drain, installing a French drain to the north of the Cypress Creek Canal (C-14), and providing a second outfall to the piped portion of the Old Pompano Canal (G-16). As a result of the project, approximately 0.00016 acre (5.1 cubic yards) of material would be placed in the C-14 Canal as a result of the French drain. The project is located in the Cypress Creek Canal (C-14) and the Old Pompano Canal (G-16) adjacent to SR 845 in Sections 29, and 32; Township 53 South, Range 41 East, Broward County, Florida.

Your project, as depicted on the enclosed drawings, is authorized by Nationwide Permit (NWP) Number 7. In addition, project specific conditions have been enclosed. This verification is valid until **March 3, 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 7. 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. The Permittee understands and agrees that, if future operations by the United States require the removal, relocation, or other alteration, of the structures or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the Permittee will be required, upon due notice from the U.S. Army Corps of Engineers, to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the United States. No claim shall be made against the United States on account of any such removal or alteration.

3. 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.

4. Appropriate soil erosion and sediment controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills, as well as any work below the ordinary high water mark or high tide line, must be permanently stabilized at the earliest practicable date.

5. Reduction and/or elimination of turbid water conditions in adjacent water bodies and wetlands are to be achieved through the use of silt curtains or screens in the construction area during periods of fill placement.

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 Alisa Zarbo by telephone at 772-219-8418.

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 **May 3, 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://www.saj.usace.army.mil/permit/forms/customer_service.htm.
Your input is appreciated - favorable or otherwise.

Sincerely,

Alisa Zarbo

for Paul L. Grosskruger
Colonel, U.S. Army
District Engineer

Enclosures

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 of 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-7
Application Number: SAJ-2008-138

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)

_____
(STREET ADDRESS)

_____
(NAME-PRINTED)

_____

_____
(MAILING ADDRESS)

_____
(CITY, STATE, ZIP CODE)

NOTIFICATION OF ADMINISTRATIVE APPEAL OPTIONS AND PROCESS AND REQUEST FOR APPEAL

Applicant: FDOT, District 4		File Number: **SAJ-2008-138**	Date: 3/3/08
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/cecwo/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:	If you only have questions regarding the appeal process you may also contact:
Project Manager as noted in letter	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:

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

FINANCIAL PROJECT ID 228075-1-52-01
BROWARD COUNTY (86065)
STATE ROAD NO. 845
FROM NORTH OF 58TH CT TO SOUTH OF ATLANTIC BLVD

COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LANDSCAPE PLANS
STRUCTURE PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

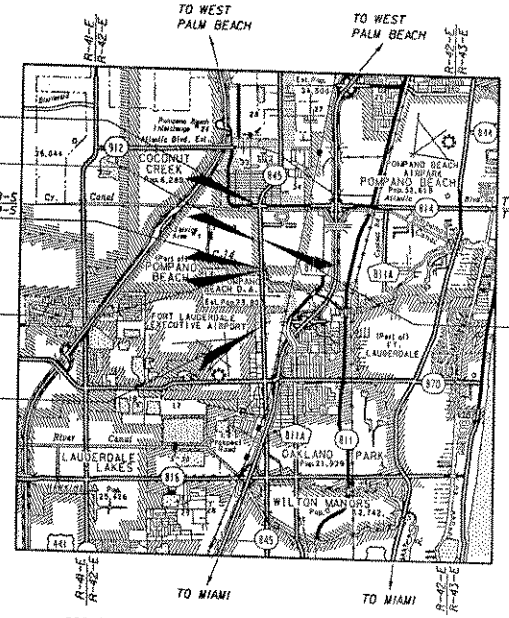
INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2A - 2B	SUMMARY OF PAY ITEMS
3 - 10	DRAINAGE MAP
11	TYPICAL SECTION
12	GENERAL NOTES
13 - 14	SUMMARY OF QUANTITIES
15	SUMMARY OF DRAINAGE STRUCTURES
16	OPTIONAL MATERIALS TABULATION
17 - 35	ROADWAY PLAN
36	SPECIAL PROFILES (NORTH COURSE DRIVE)
37 - 39	DRAINAGE STRUCTURES
40	GRADING DETAIL (GATEWAY DR.)
41	SPECIAL DETAILS
42 - 43	STORMWATER POLLUTION PREVENTION PLAN
44 - 48	TEMPORARY TRAFFIC CONTROL PLAN
GR-1	ROADWAY SOILS SURVEY
GR-2	SOIL PROFILES
GR-3 - GR-5	REPORT OF CORE BORINGS
CTL-1 - CTL-2	PROJECT NETWORK CONTROL
UTV-1 - UTV-2	UTILITY VERIFICATION SHEET

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2006,
AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED 2007,
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: 07/01/07
For Design Standards modifications go to the following Web site:
http://www.dot.state.fl.us/rddesign/DesignI2005standards/Standards.htm

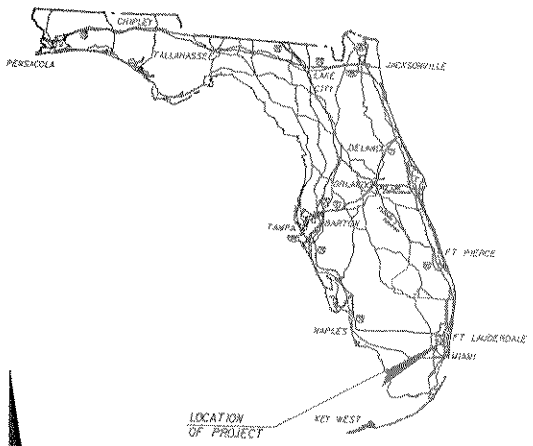
REVISIONS



PROJECT LENGTH IS BASED ON @ OF SURVEY

LENGTH OF PROJECT	LINEAR FEET	MILES
ROADWAY	10,219.07	1.935
BRIDGES	155.13	0.029
NET LENGTH OF PROJECT	10374.20	1.965
EXCEPTIONS	144.52	0.027
GROSS LENGTH OF PROJECT	10,518.72	1.992

FDOT PROJECT MANAGER: JAMES N. HUGHES, PE



N

0 1 2
Miles

ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:
REYNALDO R. RIVAS, PE
EARTH TECH CONSULTING, INC.
3750 N.W. 87TH AVENUE, SUITE 300
MIAMI, FL 33178

PLANS PREPARED BY:
EarthTech
A Tyco International Ltd. Company
3750 N.W. 87TH AVENUE, SUITE 300
MIAMI, FL 33178
(305) 716-5120

CERTIFICATE OF AUTHORIZATION NO.8115
VENDOR ID NO.: F-95008922-008
CONTRACT NO.: C-8580

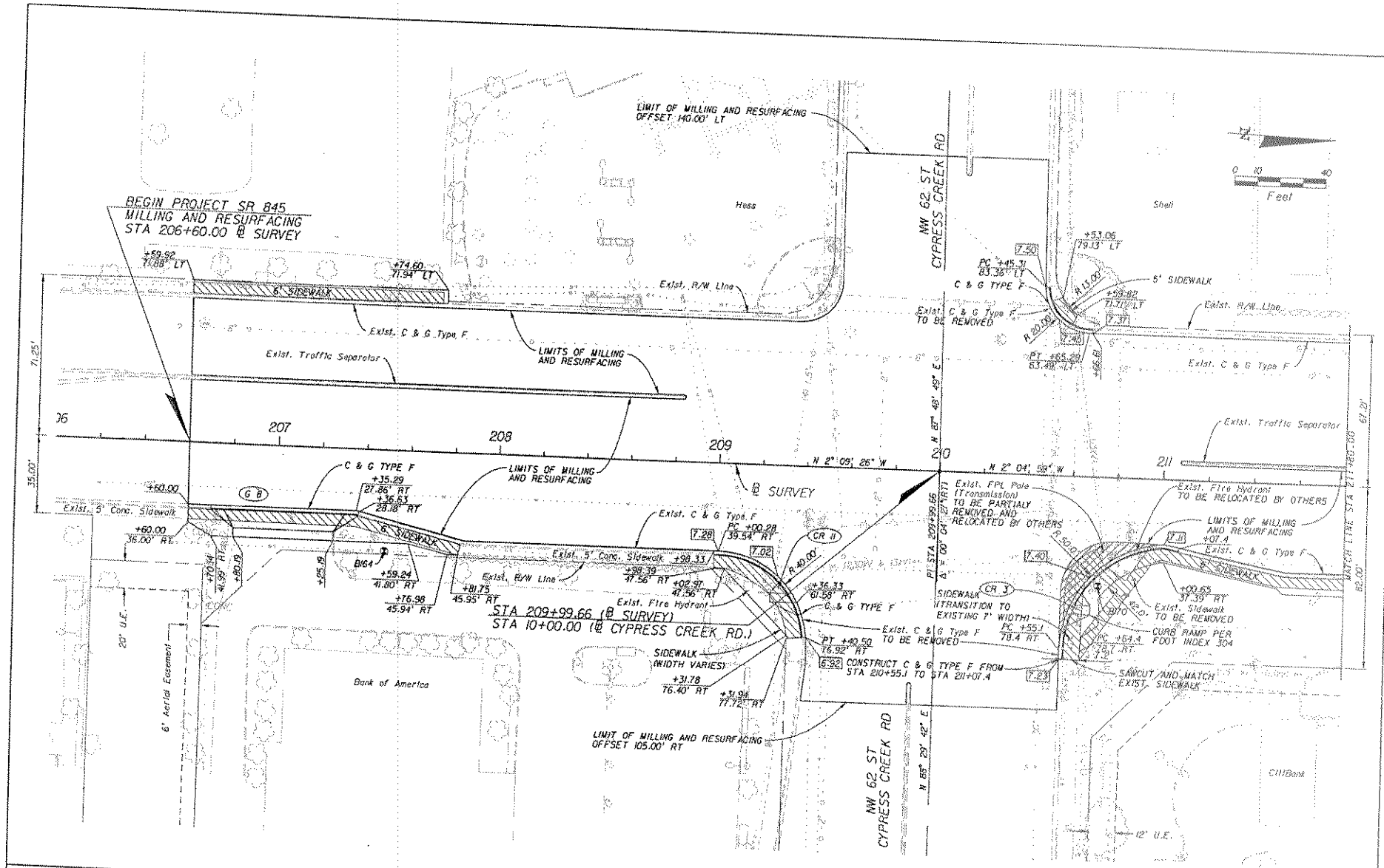
NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: REYNALDO R. RIVAS, PE
P.E. NO.: 4184

FISCAL YEAR	SHEET NO.
08	1

SFWMD
NGP PERMIT



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynaldo R. Alvez, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

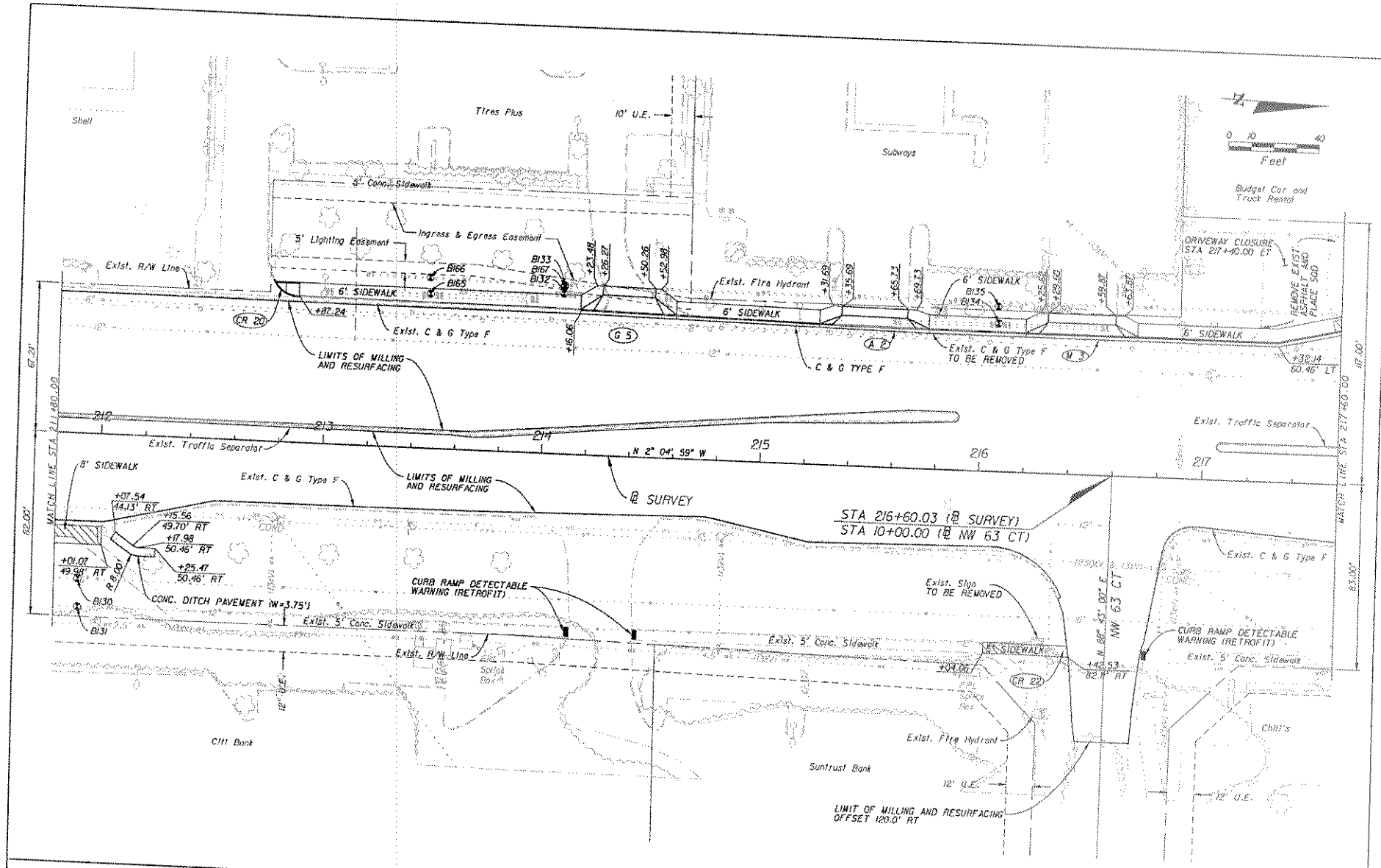
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 17

SFWMD
NGP PERMIT



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tech International Ltd. Company
Reynaldo R. Rivas, P.E.
Florida License No. 41174
3700 NW 83th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

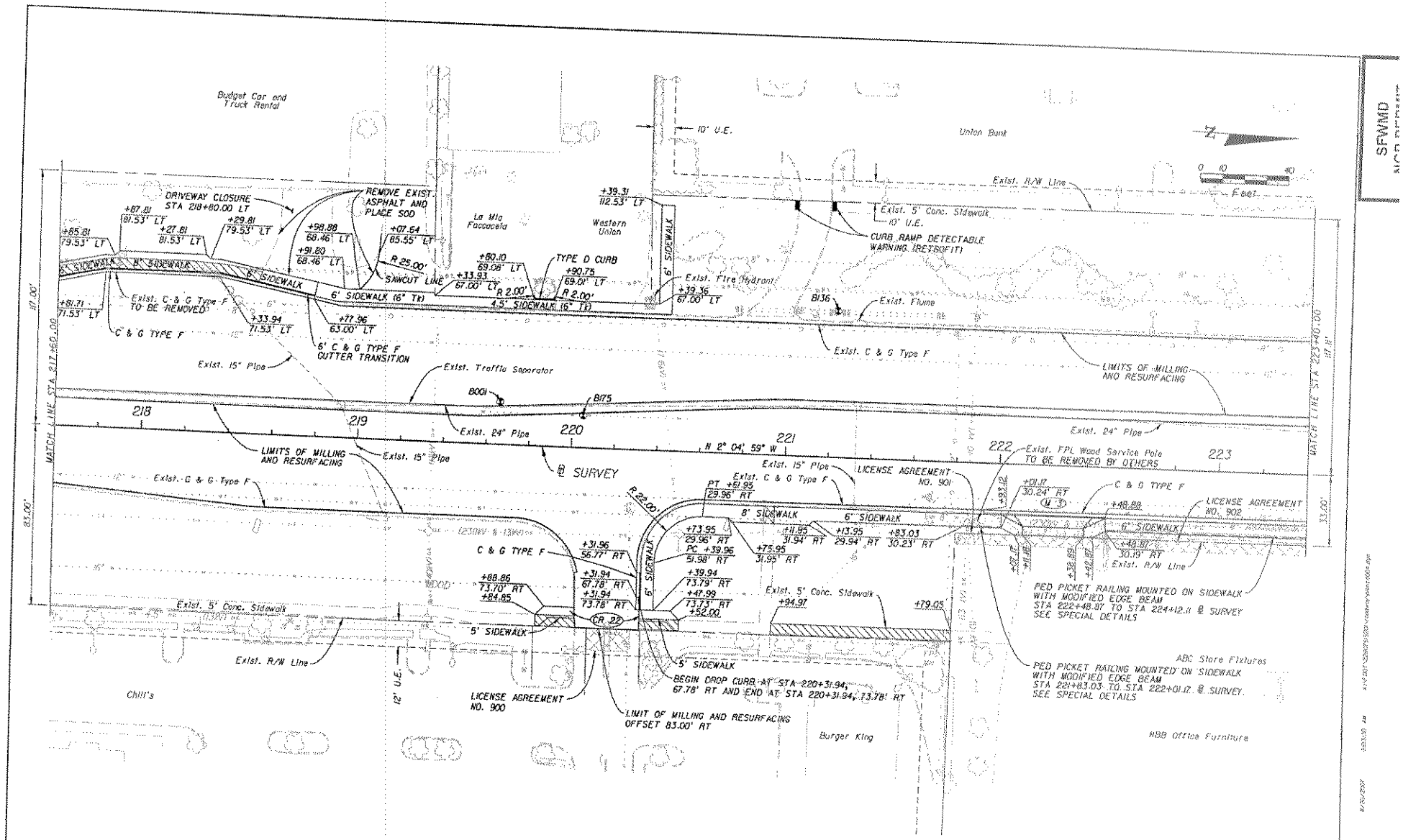
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 18

SFWMD
NOR REPAIR



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
Reynaldo R. Silva, P.E. A Tyco International Ltd. Company
Florida License No. 41176
2750 NW 87th Avenue, Suite 300
Miami, FL 33172
Certificate of Authorization No. 8115

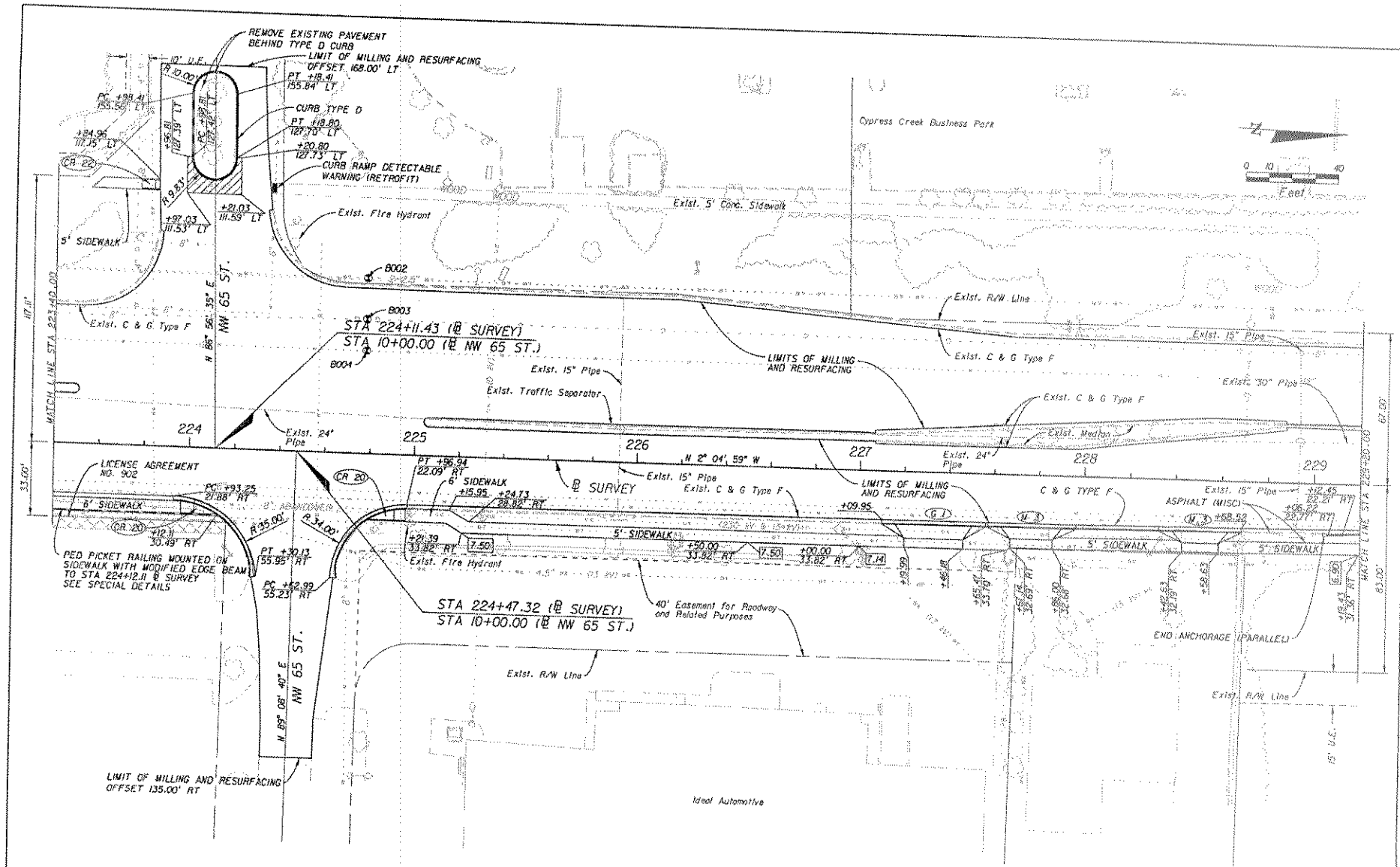
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 19

mdot.mod(1) 8/20/2007 8:43:32 AM K:\FDOT\228075-1-52-01\roadway\plans\001.dgn



SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

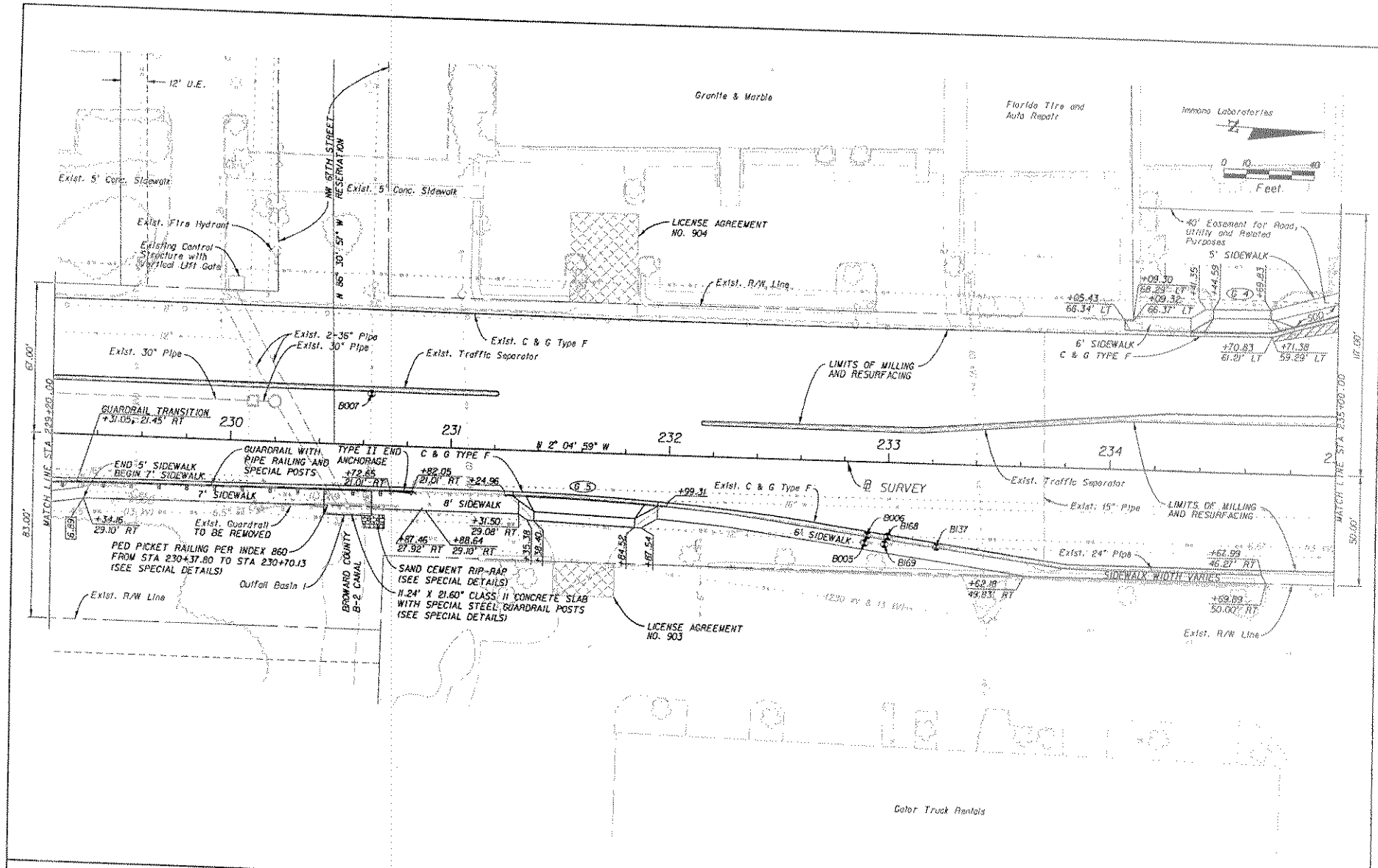
ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynolds R. Rivas, P.E.
Florida License No. 41174
3150 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 20



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Raymond R. Alvarez, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33172
Certificate of Authorization No. 8115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

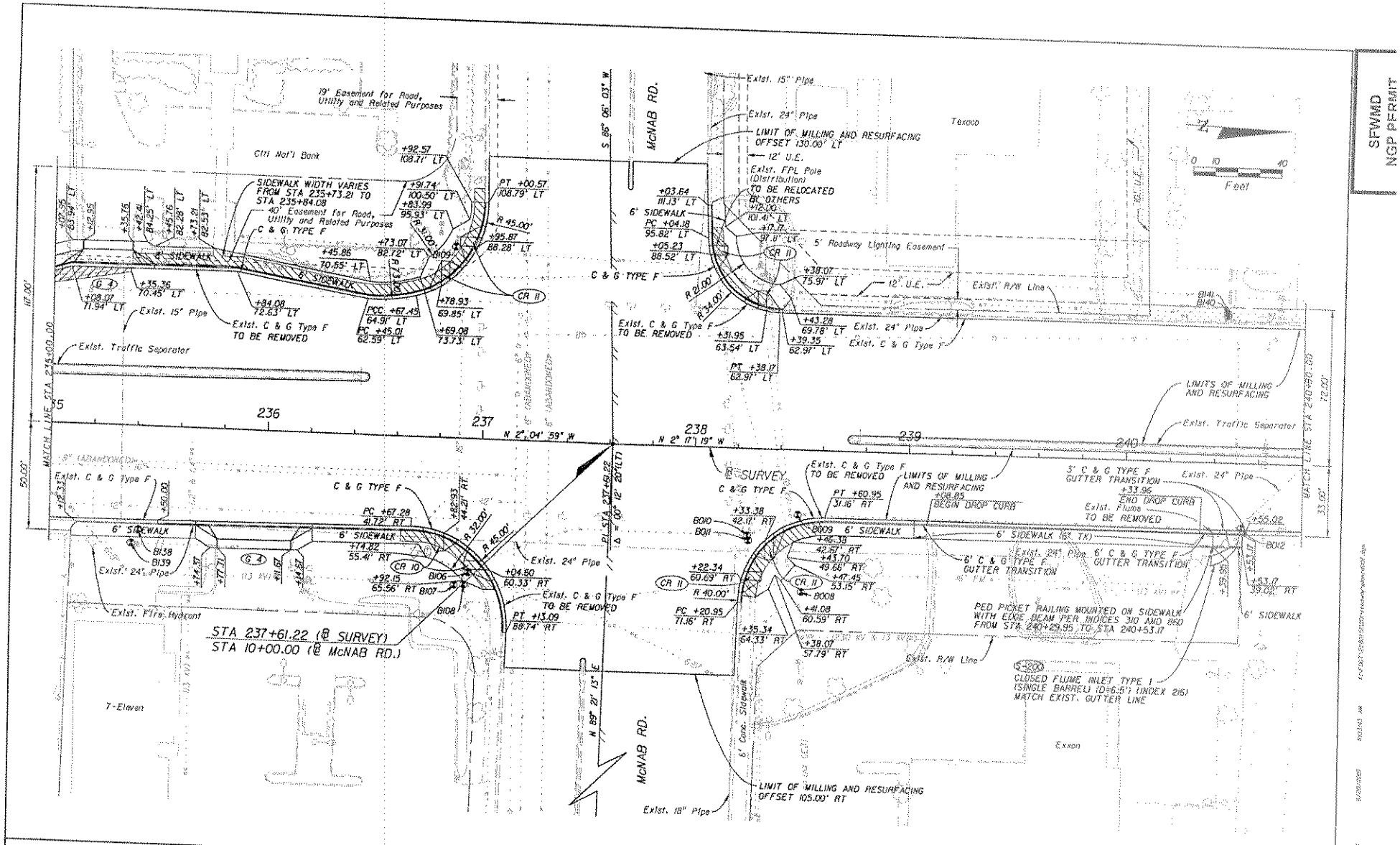
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 21

SFWMD
NGVD DECISIONT

8/22/2002 9:29:10 AM K:\FDOT\228075\520\roadway\plan\1005.dgn



SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

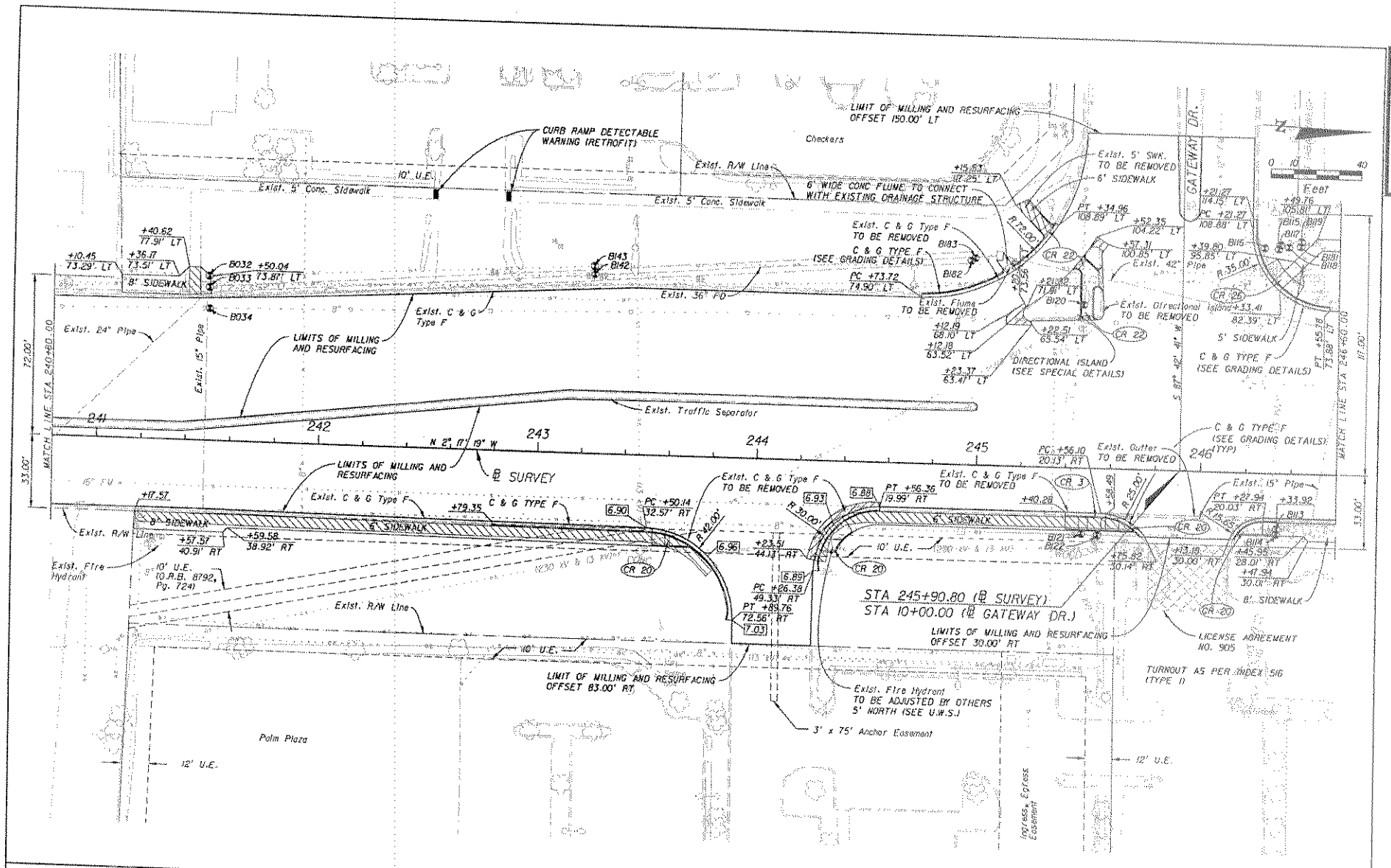
ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Raymondo R. Alvaz, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 22



SFWMD NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
Raymond B. Stone, P.E. A Tyco International Ltd. Company
Florida License No. 61574
3750 NW 87th Avenue, Suite 300
Miami, FL 33172
Certificate of Authorization No. 6115

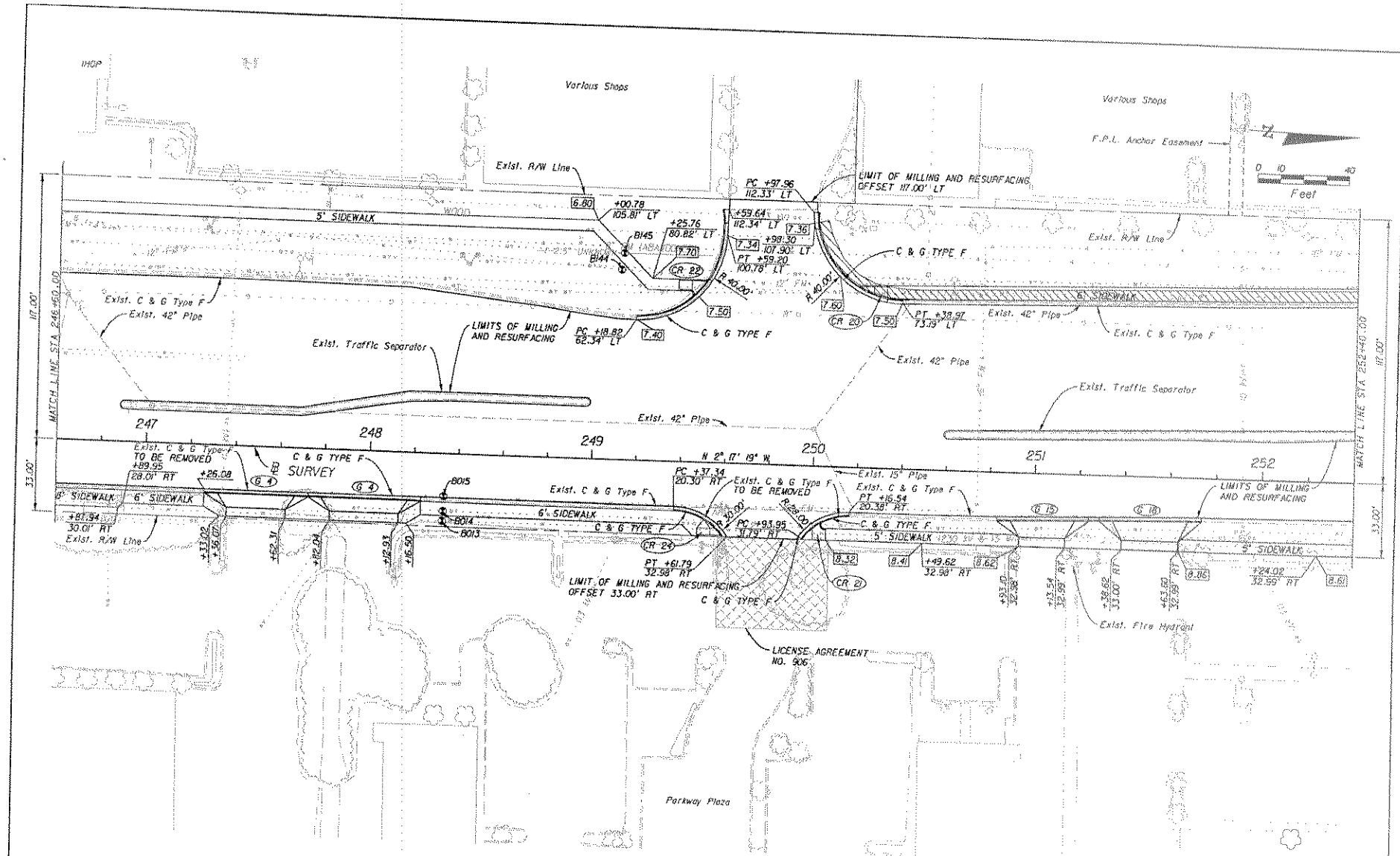
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 23

mster.mpnt 4/20/2003 8:03:49 AM X:\FDOT\228075\52\01\roadway\plan\000A.dgn



SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

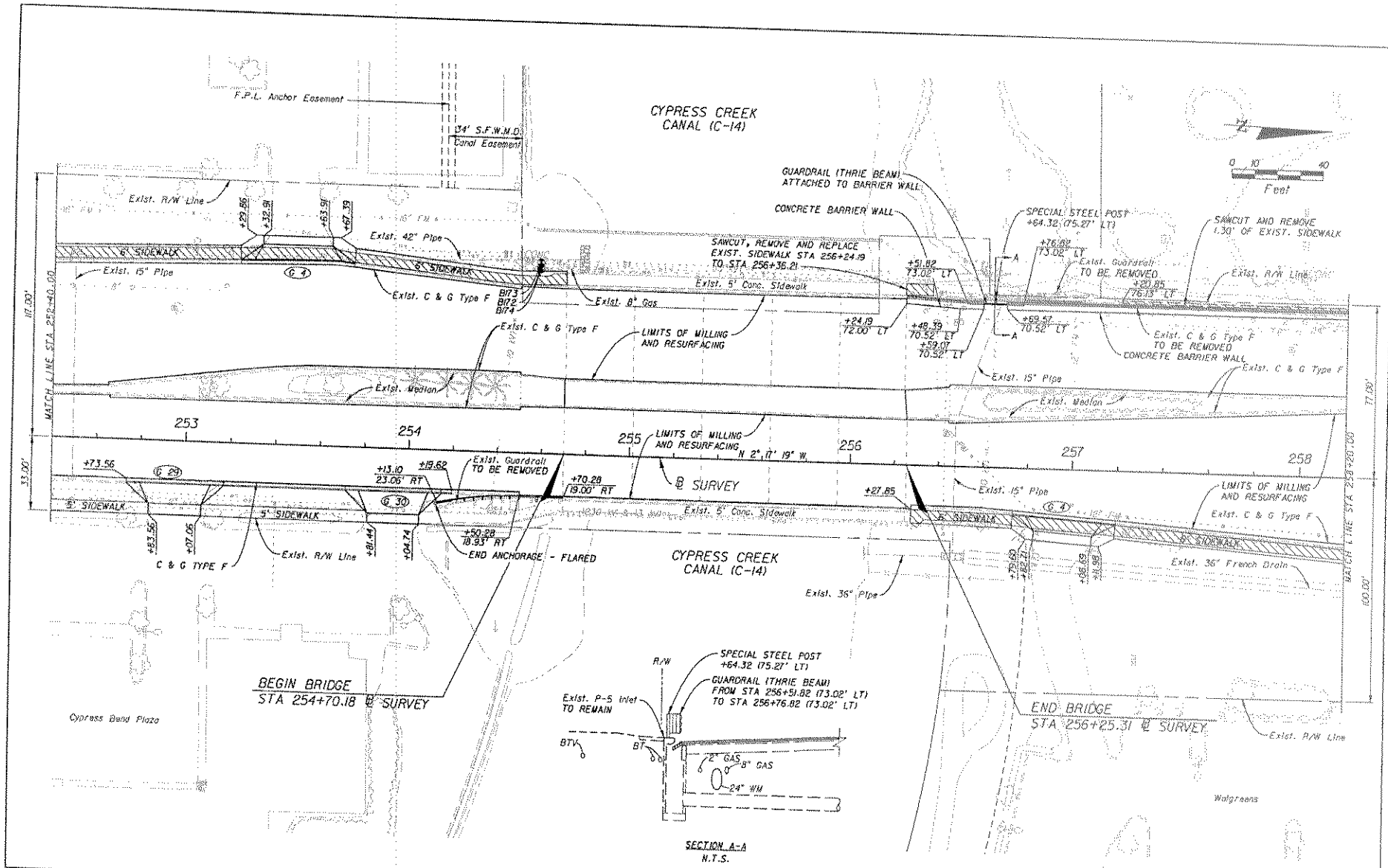
ENGINEER OF RECORD:
EarthTech
A Tech International Ltd. Company
Raymond R. Rivas, P.E.
Florida License No. 41174
5700 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 24



SFWMD NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

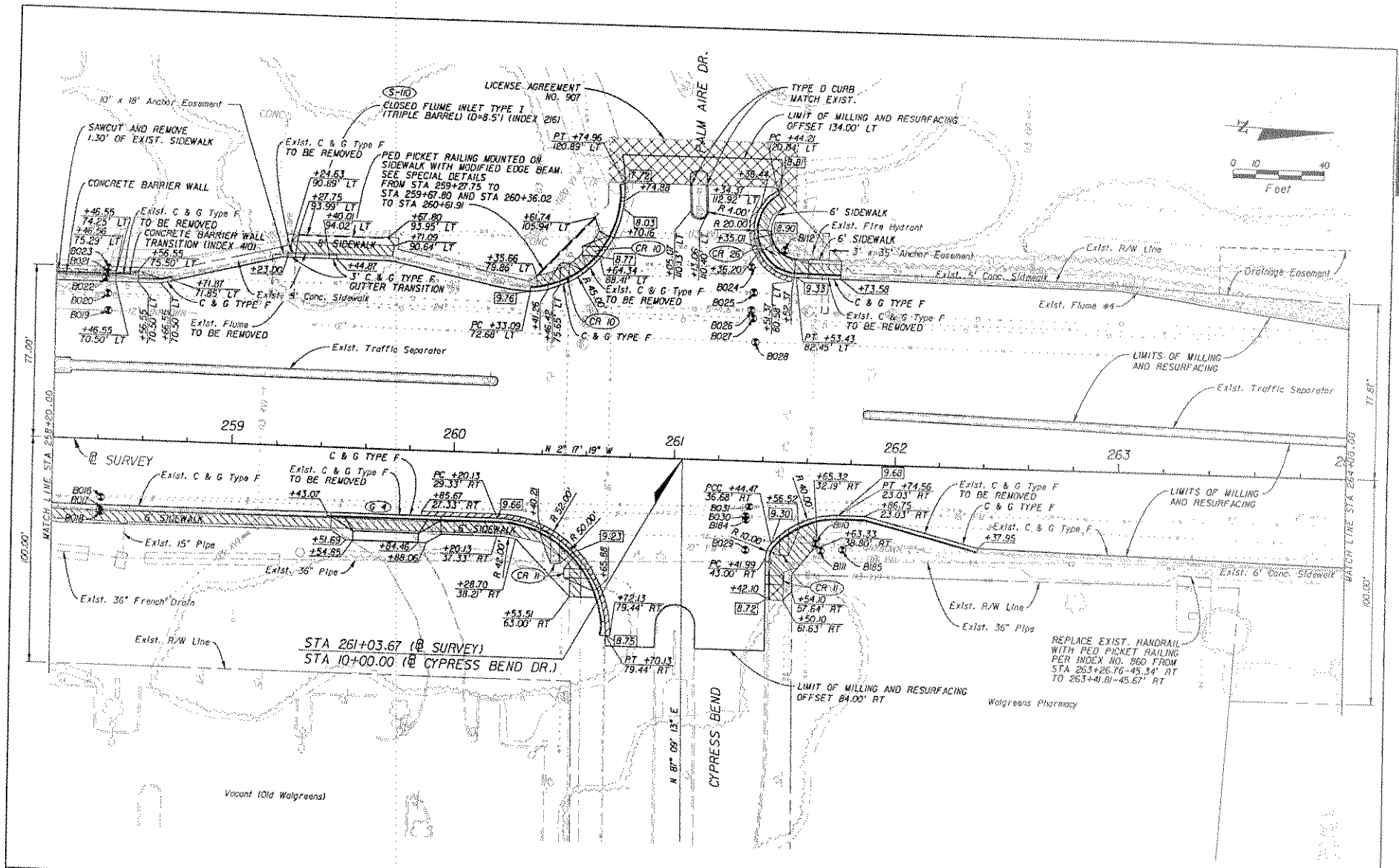
ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynaldo A. Rivas, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 25



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Raymond B. Alvarez, P.E.
Florida License No. 41114
3750 NW 87th Avenue, Suite 300
Miami, FL 33172
Certificate of Authorization No. 8115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

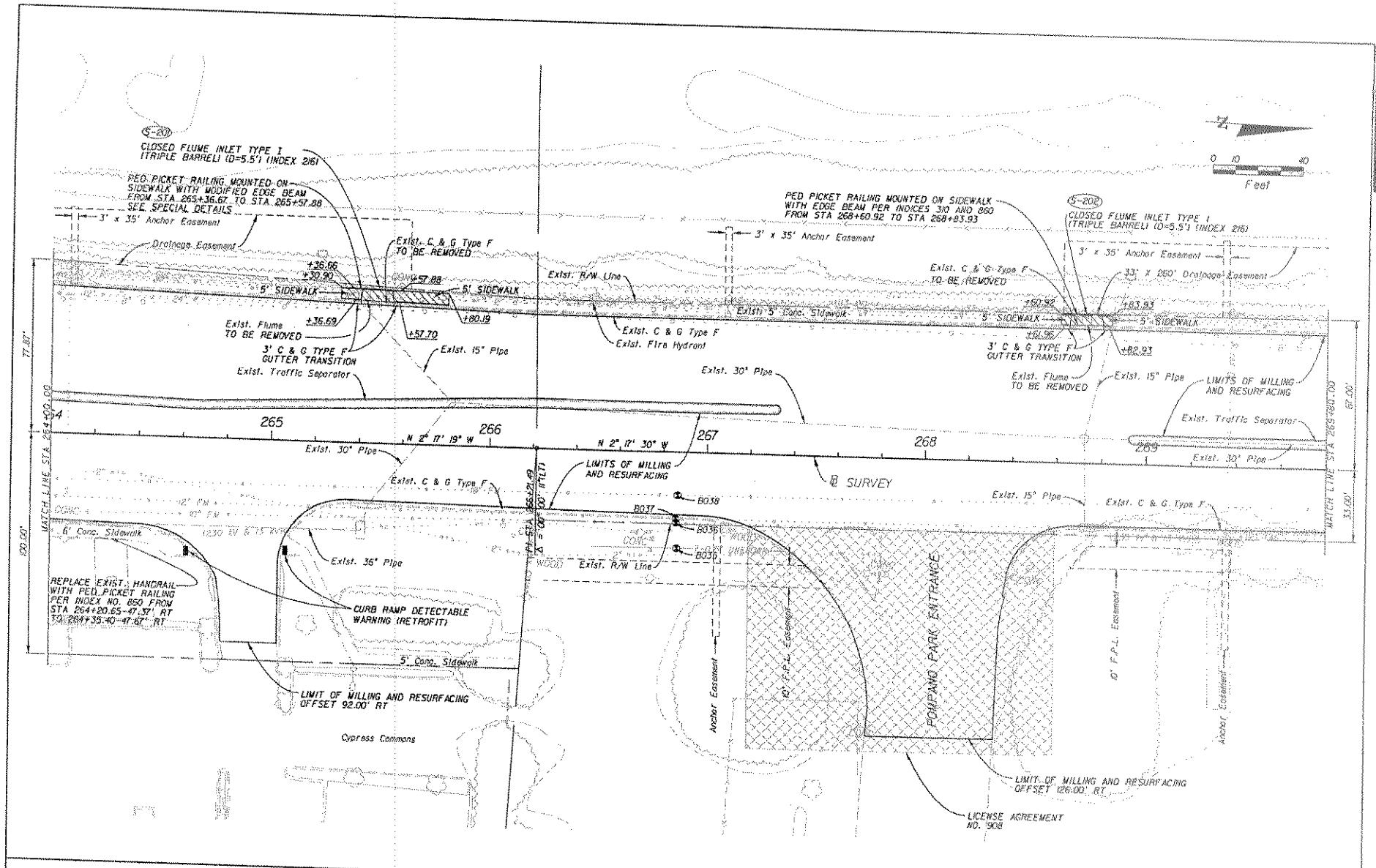
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 26

8/20/2002 8:04:03 AM K:\FDOT-228075\228075\drawing\plan\026.dgn

SFWMD
NGP PERMIT



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tetra Tech/Kiewit Joint Venture Company
Reynaldo A. Alvaez, P.E.
Florida License No. 41174
2750 NW 87th Avenue, Suite 300
Miami, FL 33172
Certificate of Authorization No. 6115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

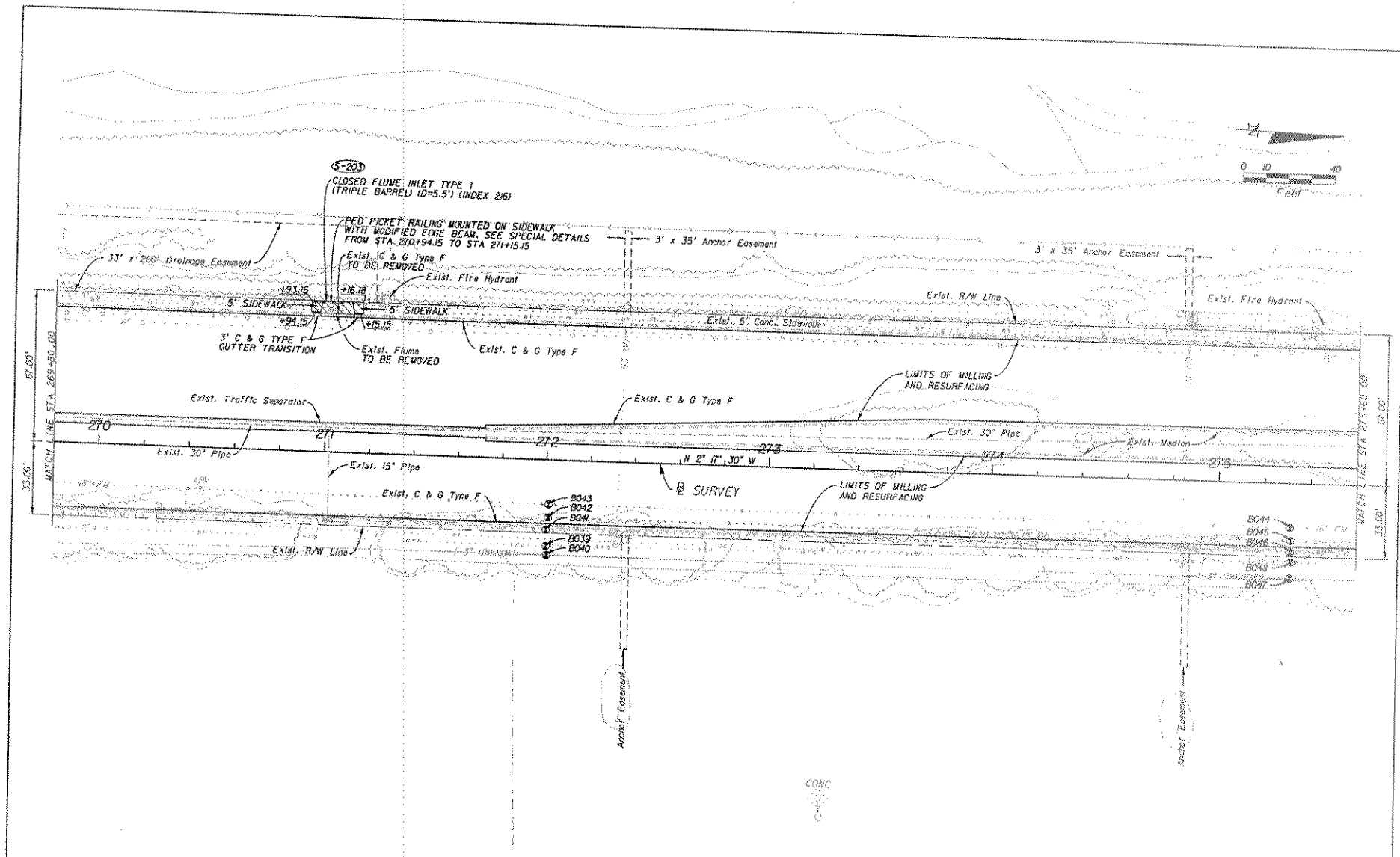
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 27

8/20/2009 8:04AM 4:\FDOT\228075\05\roadway\plan\002.dgn

SFWMD
NGP PERMIT



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

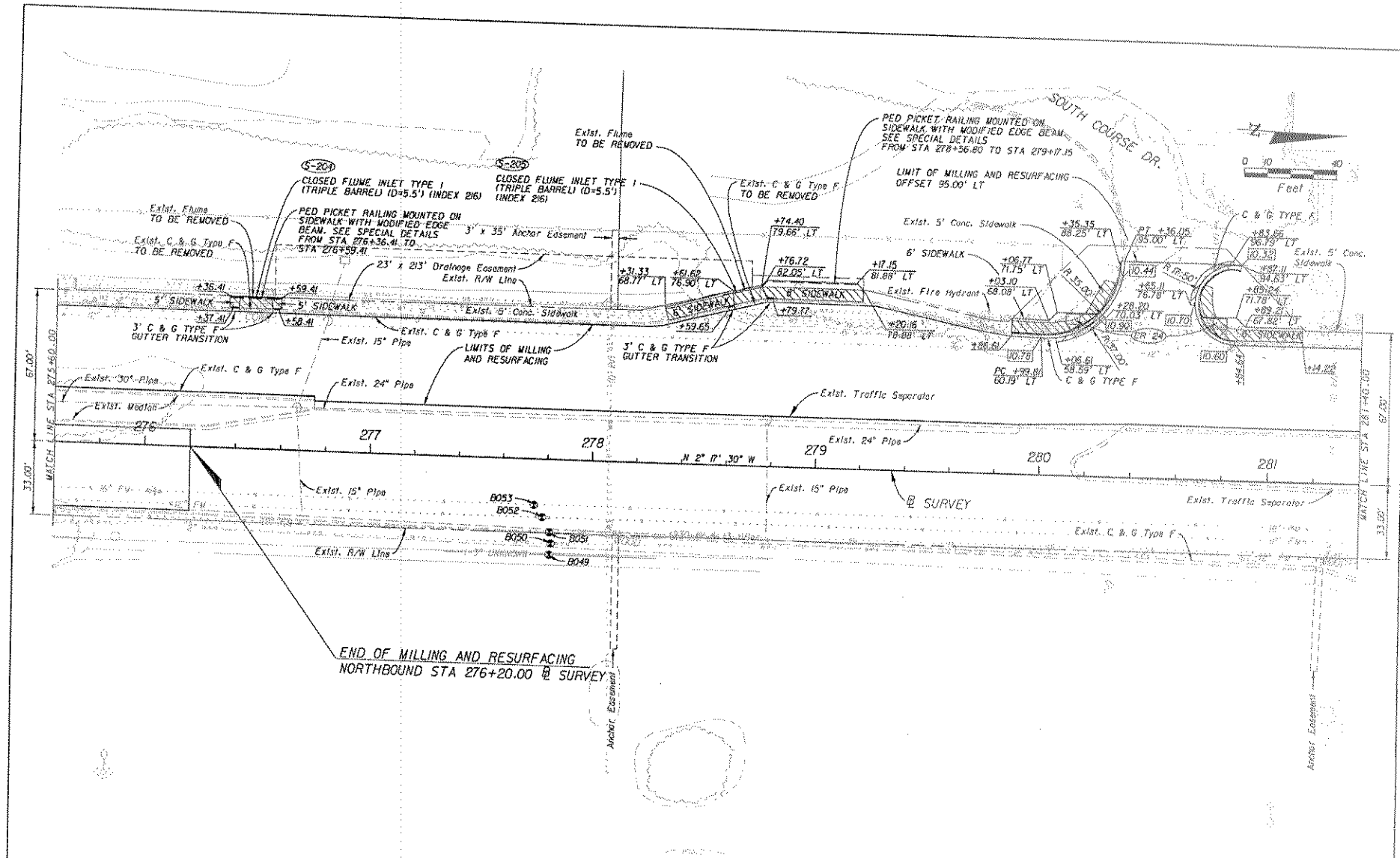
ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynaldo R. Rivas, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33172
Certificate of Authorization No. 8119

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 28



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynaldo B. Alvaz, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

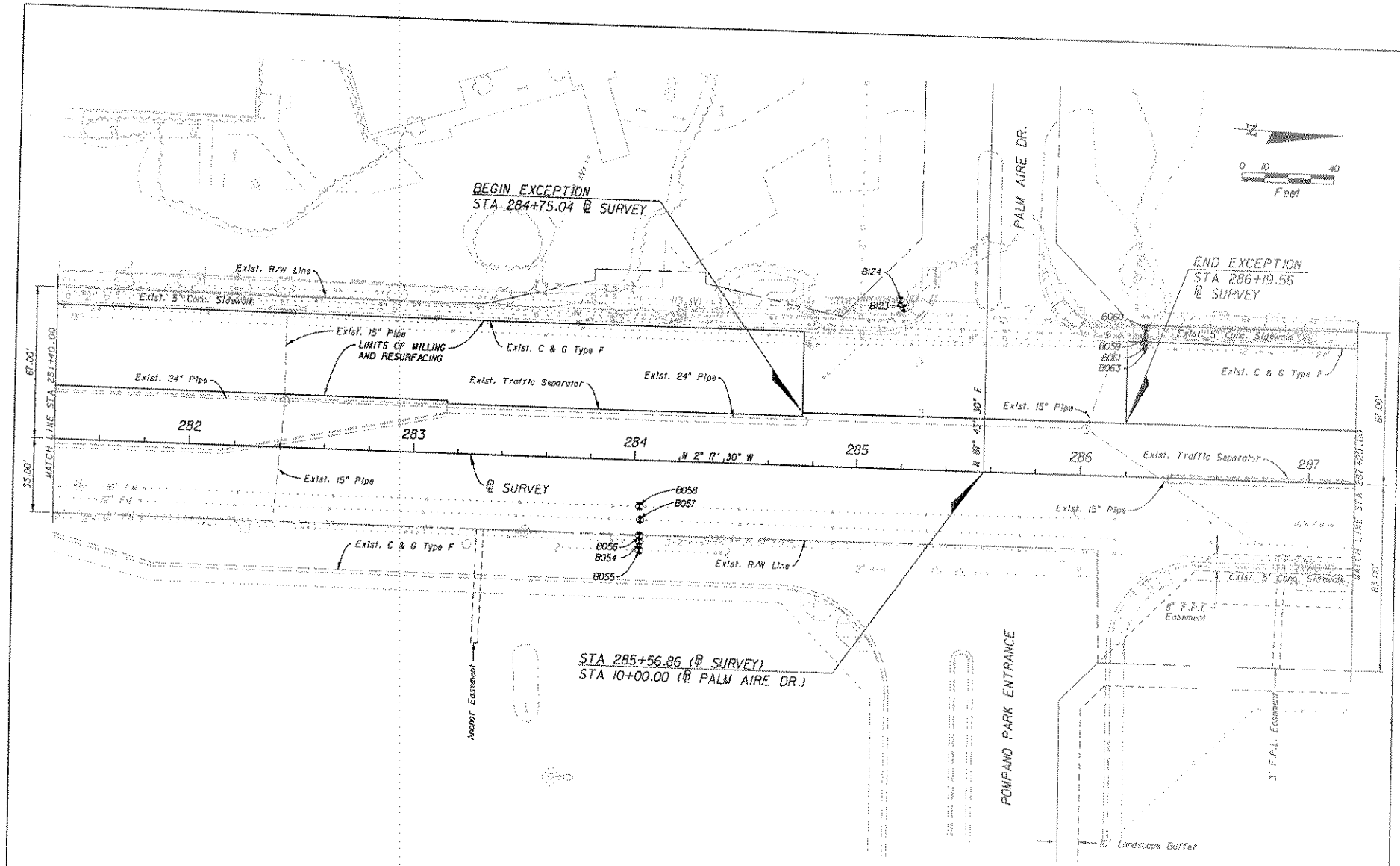
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 29

SFWMD NGP PERMIT



SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynaldo R. Rivas, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

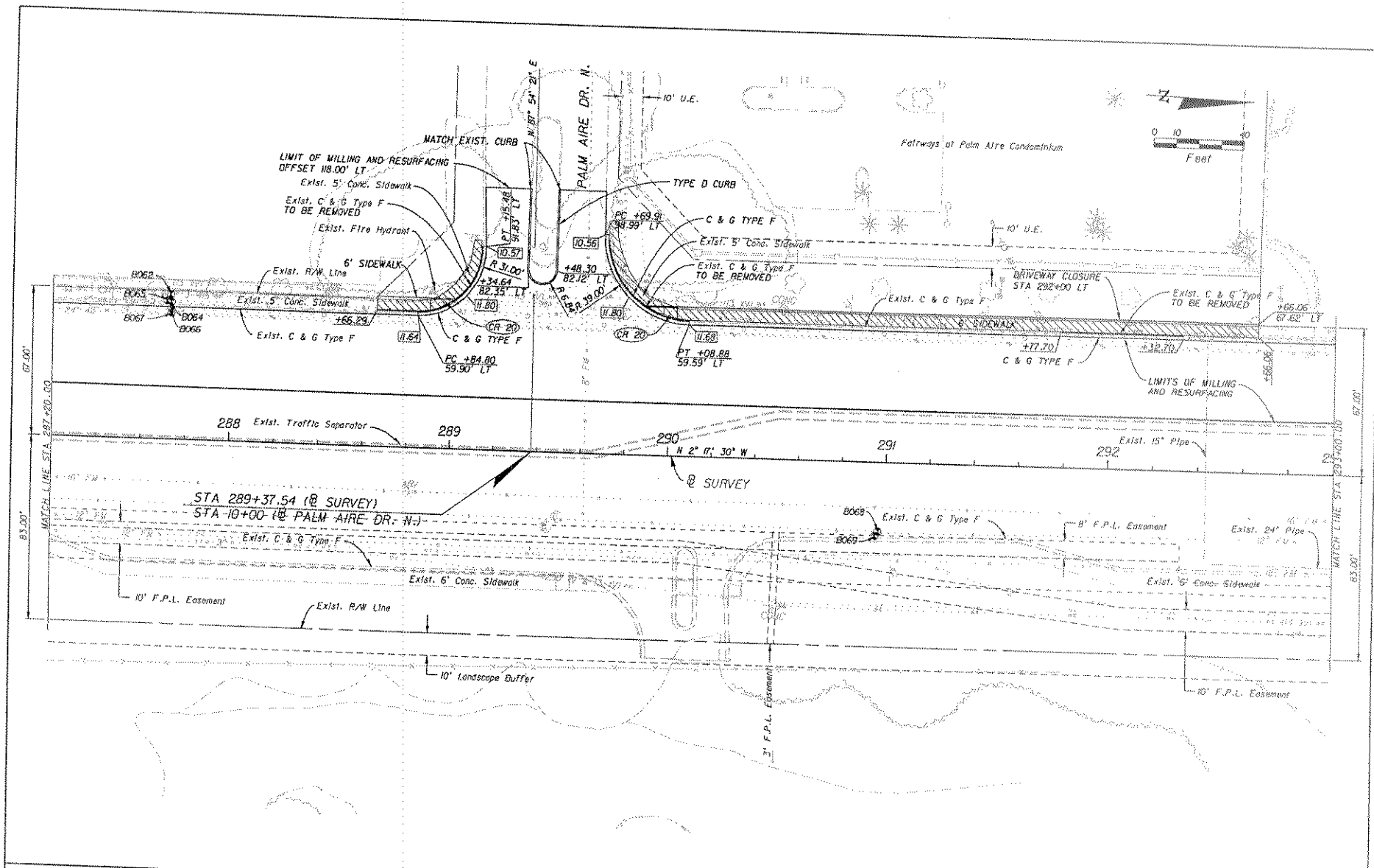
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO.
30

SFWMD
NGP PERMIT



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynolds B. Rivas, P.E.
Florida License No. 47174
3750 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

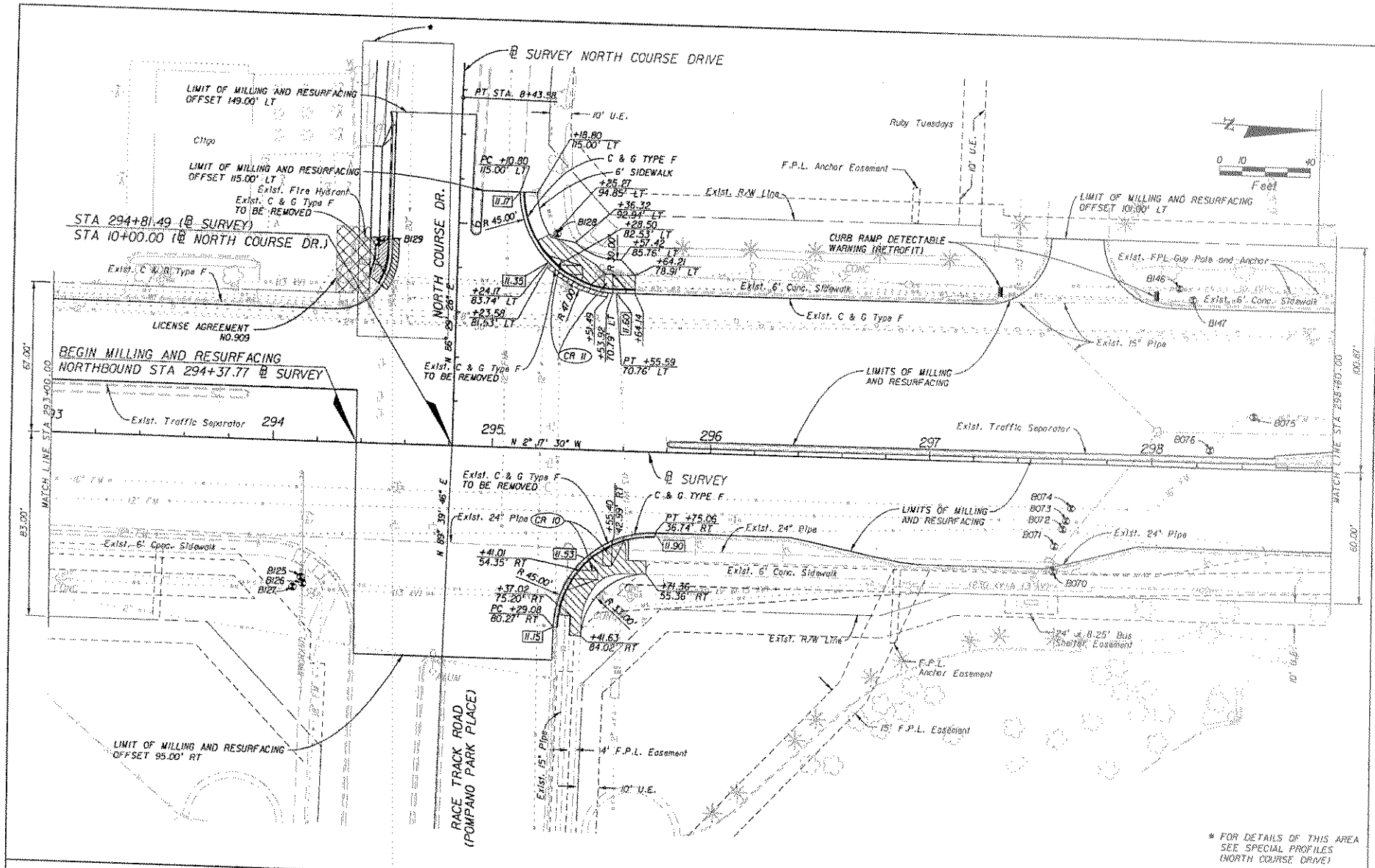
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 31

SFWMD
NGP PERMIT



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reginaldo B. Rivas, P.E.
Florida License No. 41134
3750 NW 87th Avenue, Suite 300
Miami, FL 33172
Certificate of Authorization No. 8115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 32

Acher.dwg(1a) 8/20/2002 8:24:52a AM X:\FDOT\228075\52\Roadway\Sheet.dgn

SFWMD
NGP PERMIT

Winn Dixie Marketplace

3' x 55' F.P.L. Anchor Easement

78.50' Access Easement

LIMIT OF MILLING AND RESURFACING OFFSET 100.50' LT

LICENSE AGREEMENT NO. 910

Exist. Curb Type D TO BE REMOVED

MATCH EXIST. CURB

TYPE D CURB

Exist. C & G Type F TO BE REMOVED

Exist. R/W Line

3' x 55' F.P.L. Anchor Easement

0 10 40 Feet

8' x 14' Bus Shelter Easement

B077 B078 B079 B080 B082 B083 B081 B150 B149 B148 B152 B151 B154 B153 B156 B155 B158 B157 B084 B086 B085

PC +94.10 59.78' LT

PT +18.72 79.46' LT

PC +76.96 84.92' LT

PT +01.73 71.87' LT

+42.14 90.80' LT

+51.81 50.78' LT

+51.81 71.54' LT

+42.12 71.51' LT

+82.80 31.51' LT

+32.79 26.50' LT

+57.51 91.87' LT

+85.54 79.89' LT

R 25.00'

R 40.00'

R 4.84'

11.39 11.05 11.50 11.55 11.67 11.95

CR 21

Exist. 6' Conc. Sidewalk

Exist. C & G Type F

C & G TYPE F

Exist. C & G Type F TO BE REMOVED

Exist. 15" Pipe

XH2

Exist. C & G Type F

S-94

XH3

LIMITS OF MILLING AND RESURFACING

Exist. 36" Pipe TO BE FILLED WITH FLOWABLE FILL

Exist. 24" Pipe

Exist. Median

REPLACE 8' OF PIPE

299 300 301 302 303 304

+82.80 11.31' LT

N 2° 17' 30" W

+82.80 3.20' LT

+32.79 13.71' LT

REPLACE 8' OF PIPE

S-94A

℄ SURVEY

Exist. FO w/ TO BE FILLED WITH FLOWABLE FILL

198' OF 36" PIPE

Exist. C & G Type F TO BE REMOVED

Exist. 15" Pipe

Exist. Directional Island

MATCH LINE STA 300+00.00

MATCH LINE STA 298+80.00

100.67'

89.00'

55.00'

Exist. C & G Type F

LIMITS OF MILLING AND RESURFACING

Exist. C & G Type F

Exist. 15" Pipe

+80.00

+80.00

11.09' SIDEWALK

Exist. 15" Pipe

Exist. 6' Conc. Sidewalk

10' F.P.L. Easement

Exist. R/W Line

Exist. 6' Conc. Sidewalk

CURB RAMP DETECTABLE WARNING (RETROFIT)

MATCH EXISTING SIDEWALK

LIMIT OF MILLING AND RESURFACING OFFSET 63.00' RT

Walmart Supercenter

F.P.L. Anchor Easement

F.P.L. Anchor Easement

LIMITS OF CLEARING AND GRUBBING

5.00'

10.50'

℄ OF SURVEY SR 845

2%

2%

GEOSYNTHETIC REINFORCEMENT* UNDER PAVEMENT BASE FROM STA 301+82.80 TO STA 306+01.62 SEE INDEX 501

SECTION A-A
N.T.S.

*GEOSYNTHETIC PROPERTIES:
TENSILE STRENGTH:
ULTIMATE: 1,270 LBS/FT
2% ULTIMATE CROSS DIRECTION: 370 LBS/FT
2% ULTIMATE MACHINE DIRECTION: 370 LBS/FT
BIAXIAL

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reginaldo R. Rivas, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

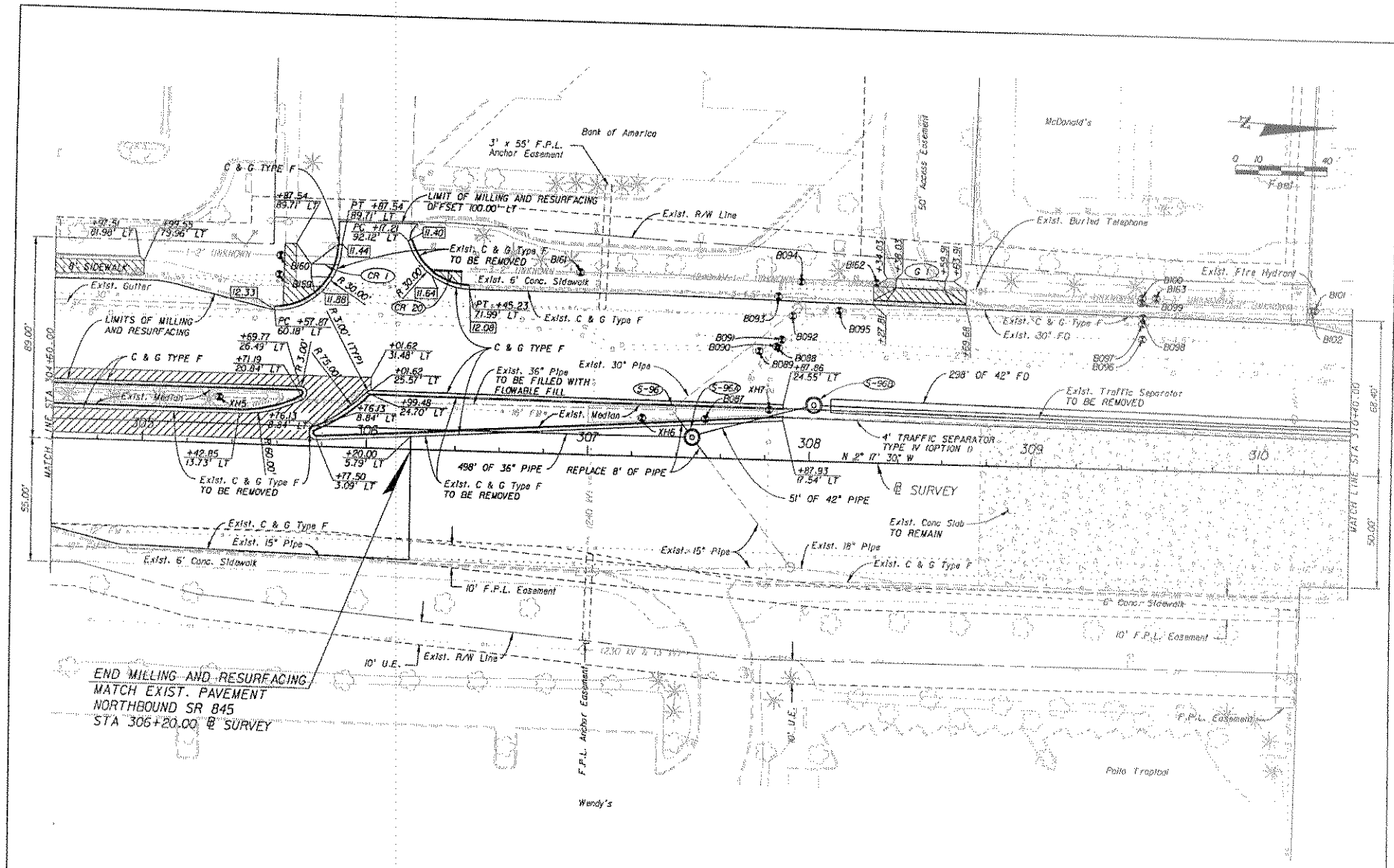
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 33

initial initial 6/20/2002 6:54:03 AM X:\FDOT\228075\52\01\roadway\plan\228.dgn



SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

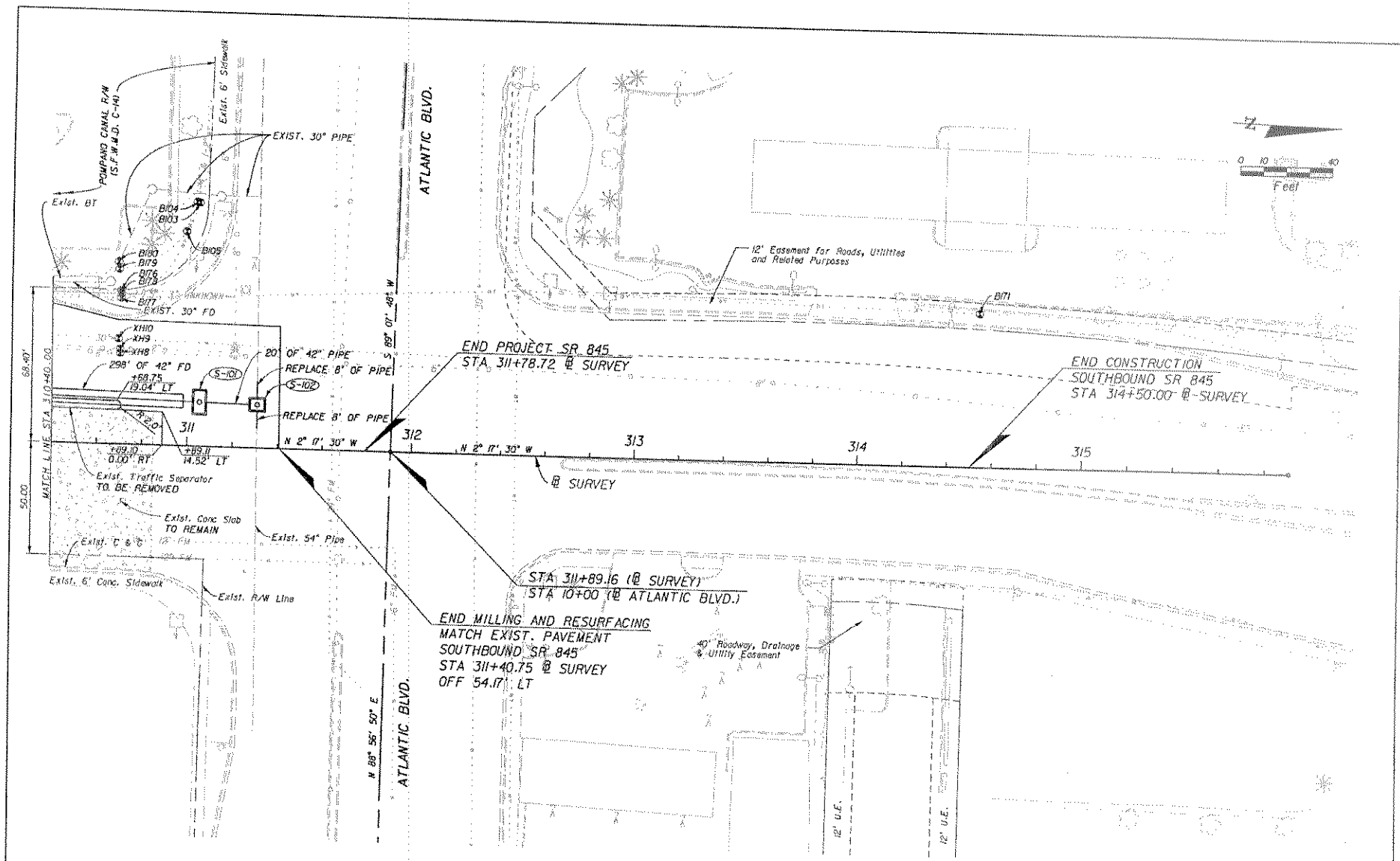
ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynolds R. Rivas, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 8115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 34



SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynolds R. Rivas, P.E.
Florida License No. 41134
3750 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 6113

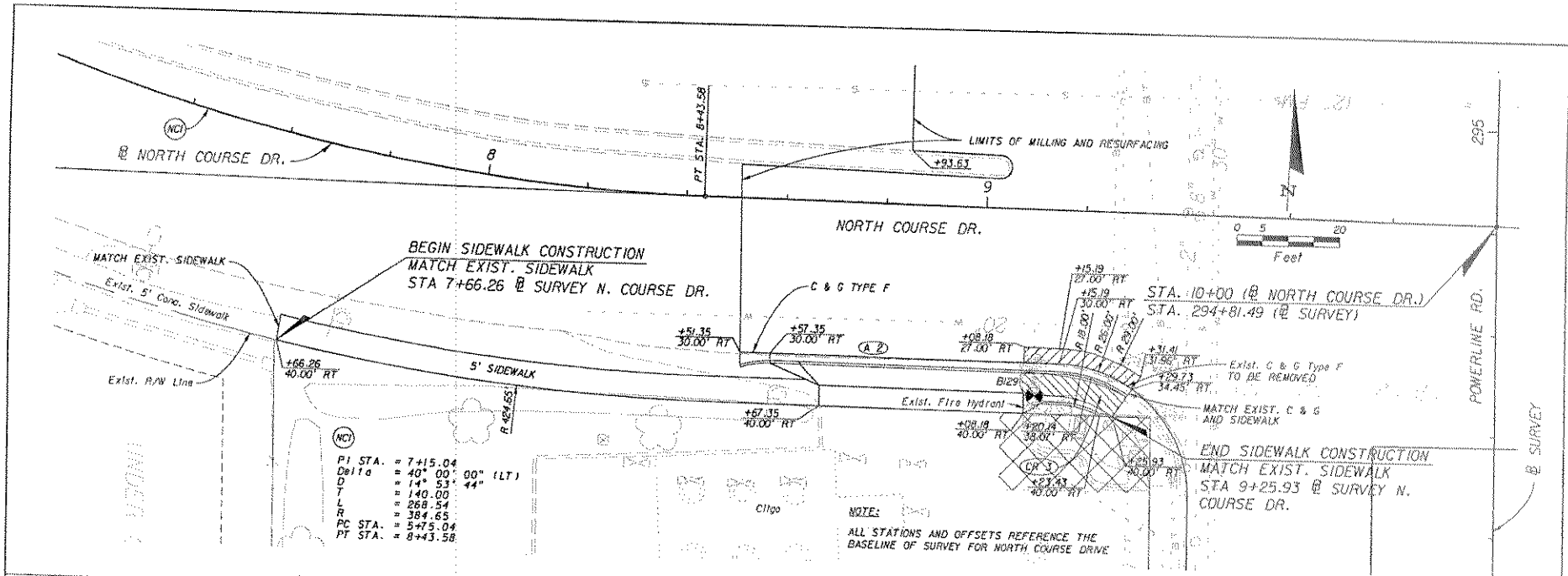
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

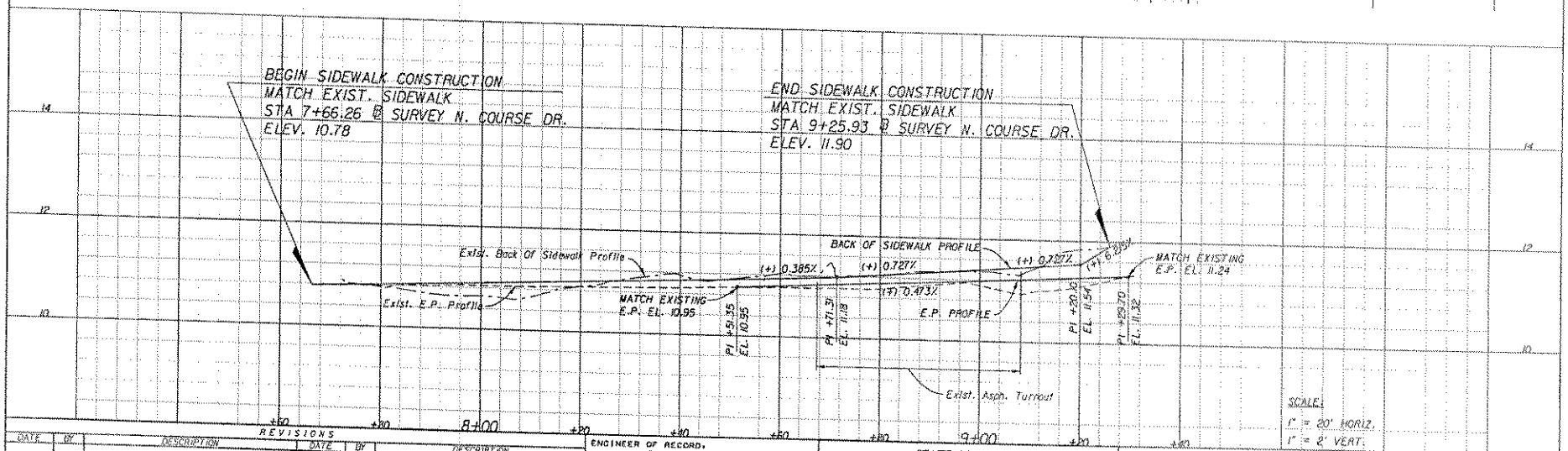
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

ROADWAY PLAN

SHEET NO. 35

SFWMD
NGP PERMIT





REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
Raghoghavid, Alfred, PE. A Tyco International Ltd. Company
Florida License No. 51658
3350 NW 37th Avenue, Suite 200
Miami, FL 33172
Certificate of Authorization No. 8135

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

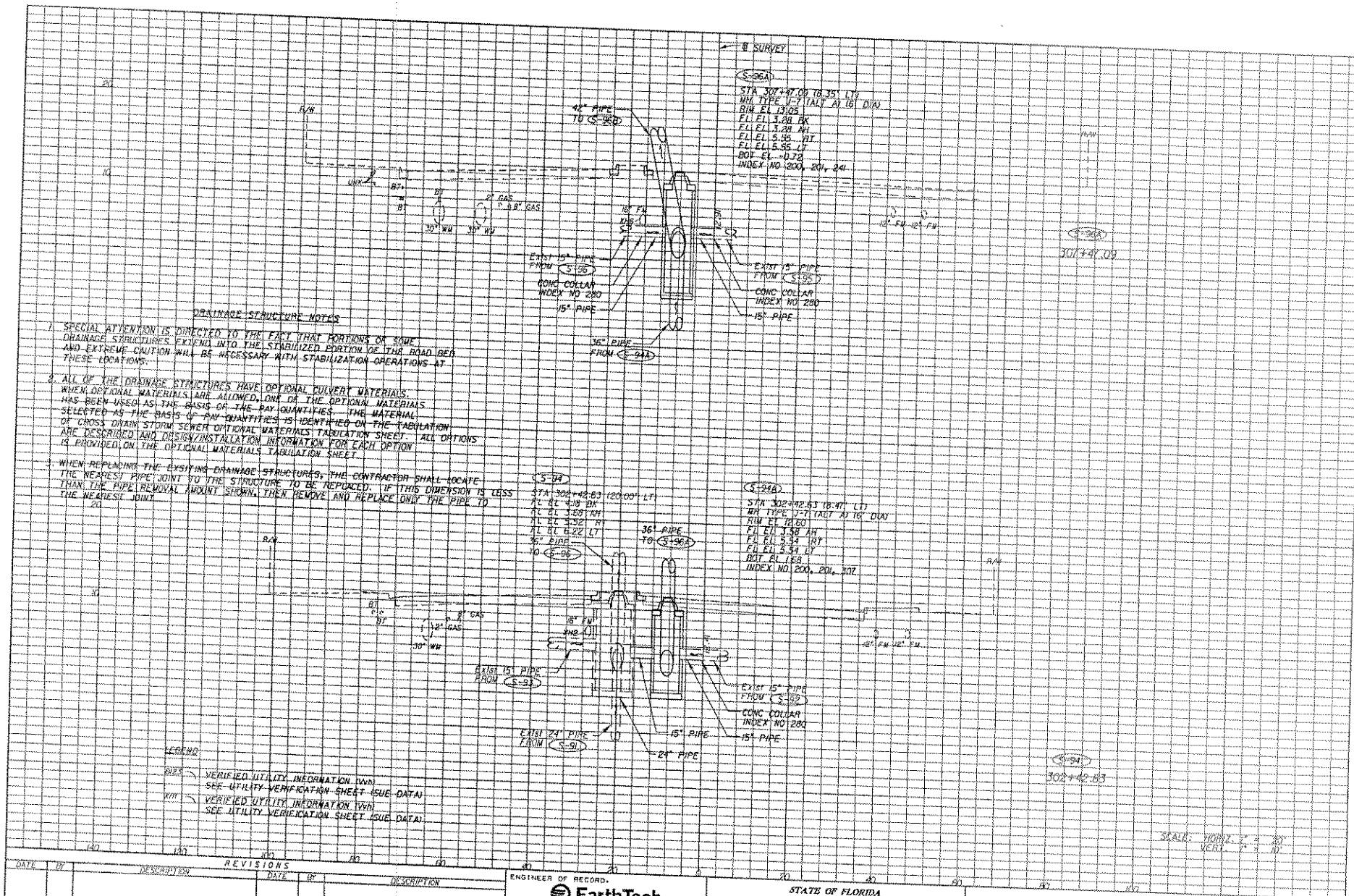
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

SPECIAL PROFILES (NORTH COURSE DRIVE)

SHEET NO. 36

8/20/2001 8:20AM AW X:\FDOT\228075\52\Cadwork\Dwr r03.dgn

SFWMD
NGP PERMIT



DRAINAGE STRUCTURE NOTES

1. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROAD BED AND EXTREME CAUTION WILL BE NECESSARY WITH STABILIZATION OPERATIONS AT THESE LOCATIONS.

2. ALL OF THE DRAINAGE STRUCTURES HAVE OPTIONAL CULVERT MATERIALS. WHEN OPTIONAL MATERIALS ARE ALLOWED, ONE OF THE OPTIONAL MATERIALS HAS BEEN USED AS THE BASIS OF THE PAY QUANTITIES. THE MATERIAL SELECTED AS THE BASIS OF PAY QUANTITIES IS IDENTIFIED ON THE TABULATION OF CROSS DRAIN STORM SEWER OPTIONAL MATERIALS TABULATION SHEET. ALL OPTIONS ARE DESCRIBED AND DESIGN/INSTALLATION INFORMATION FOR EACH OPTION IS PROVIDED ON THE OPTIONAL MATERIALS TABULATION SHEET.

3. WHEN REPLACING THE EXSITING DRAINAGE STRUCTURES, THE CONTRACTOR SHALL LOCATE THE NEAREST PIPE JOINT TO THE STRUCTURE TO BE REPLACED. IF THIS DIMENSION IS LESS THAN THE PIPE REMOVAL AMOUNT SHOWN, THEN REMOVE AND REPLACE ONLY THE PIPE TO THE NEAREST JOINT.

LEGEND

BT23 — VERIFIED UTILITY INFORMATION (Vvh) SEE UTILITY VERIFICATION SHEET (SUE DATA)

KH1 — VERIFIED UTILITY INFORMATION (Vvh) SEE UTILITY VERIFICATION SHEET (SUE DATA)

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

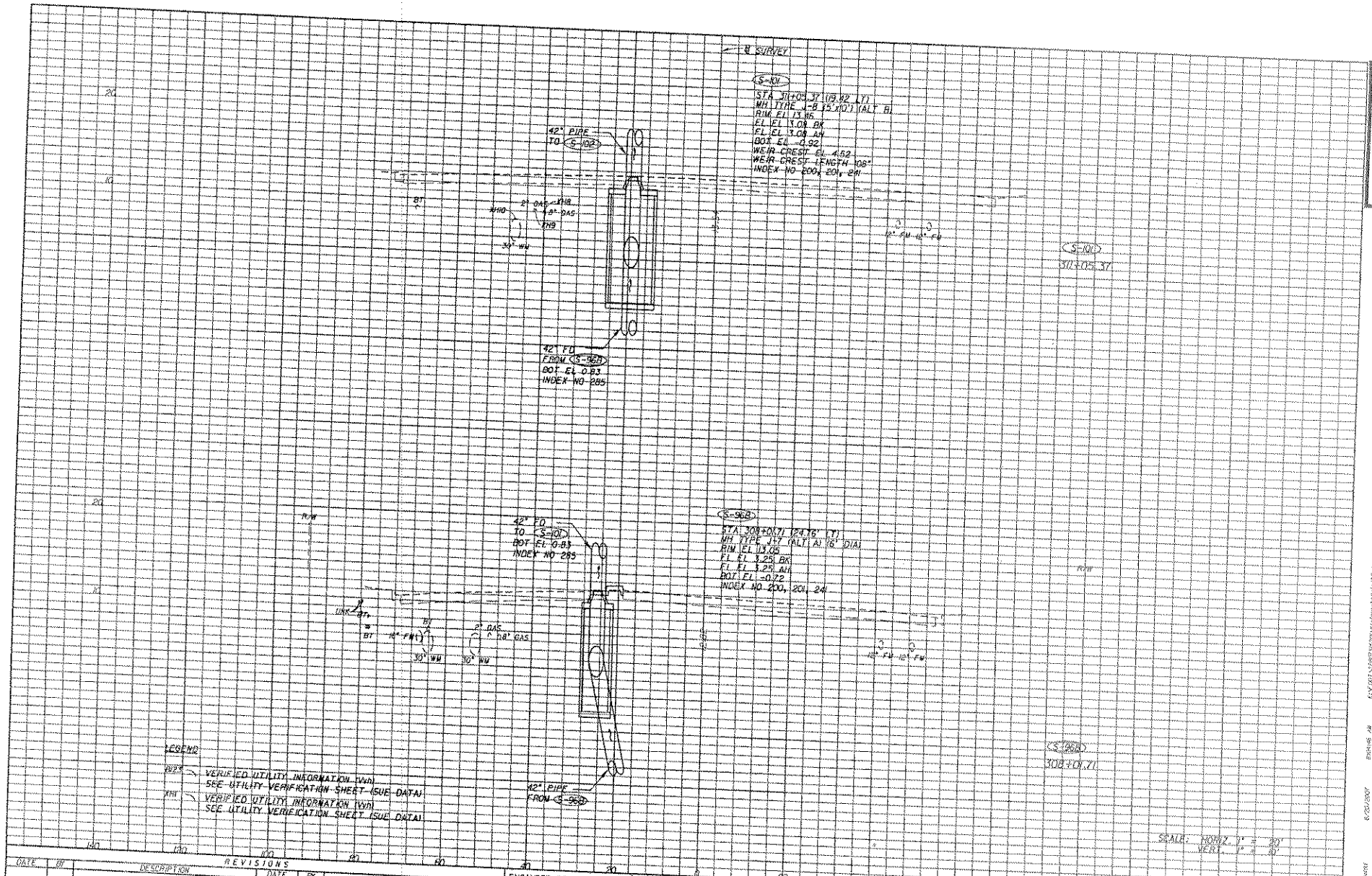
ENGINEER OF RECORD.
EarthTech
A Tyco International Ltd. Company
Reynaldo R. Rivas, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33173
Certificate of Authorization No. 3115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

DRAINAGE STRUCTURES

SHEET NO. 37



SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Reynaldo R. Rivas, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 100
Miami, FL 33178
Certificate of Authorization No. 8115

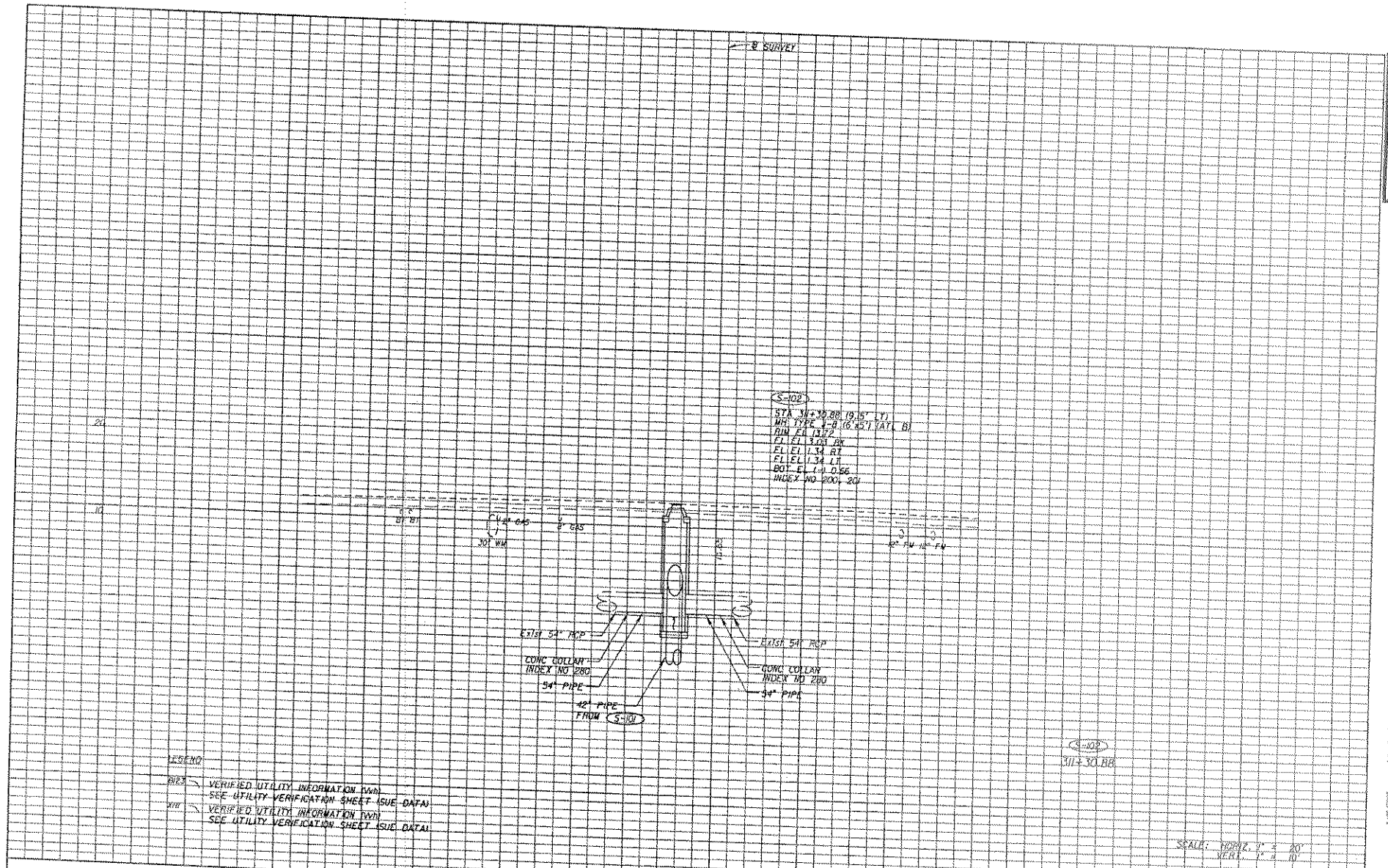
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

DRAINAGE STRUCTURES

SHEET NO. 38

SFWMD
NGP PERMIT



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

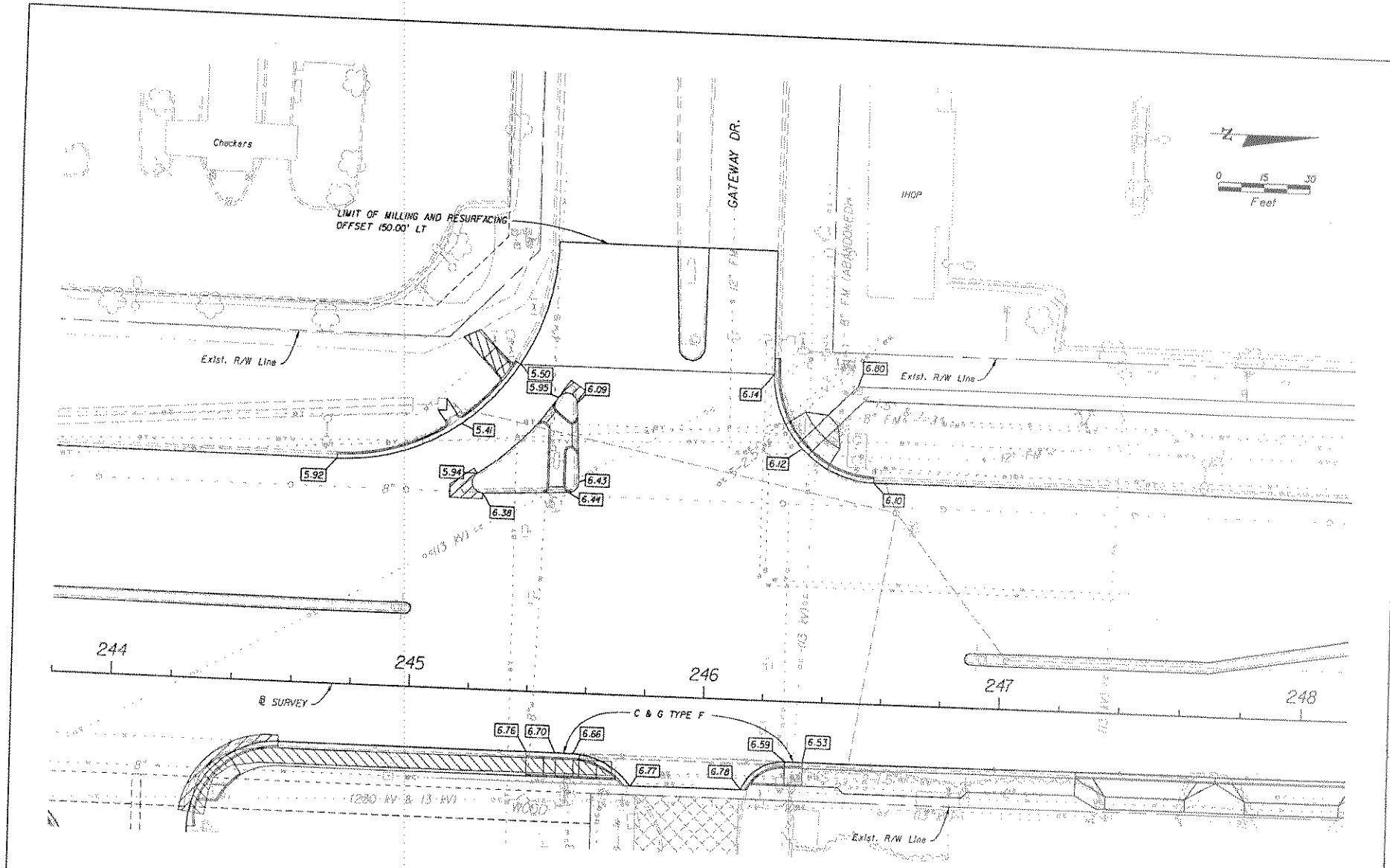
ENGINEER OF RECORD:
EarthTech
A Tyco International Ltd. Company
Raymond R. Rivas, P.E.
Florida License No. 41134
3705 NW 87th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 2115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

DRAINAGE STRUCTURES

SHEET NO. 39



SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

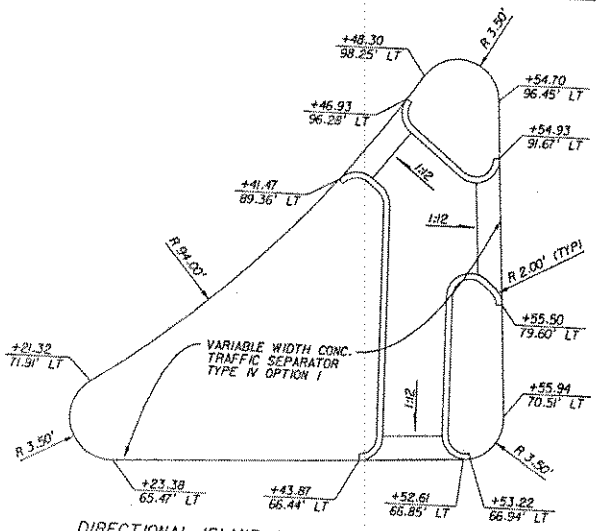
ENGINEER OF RECORD:
EarthTech
Reynaldo R. Rivas, P.E. A Tyco International Ltd. Company
Florida License No. 41174
3750 NW 87th Avenue, Suite 300
Miami, FL 33172
Certificate of Authorization No. 8135

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

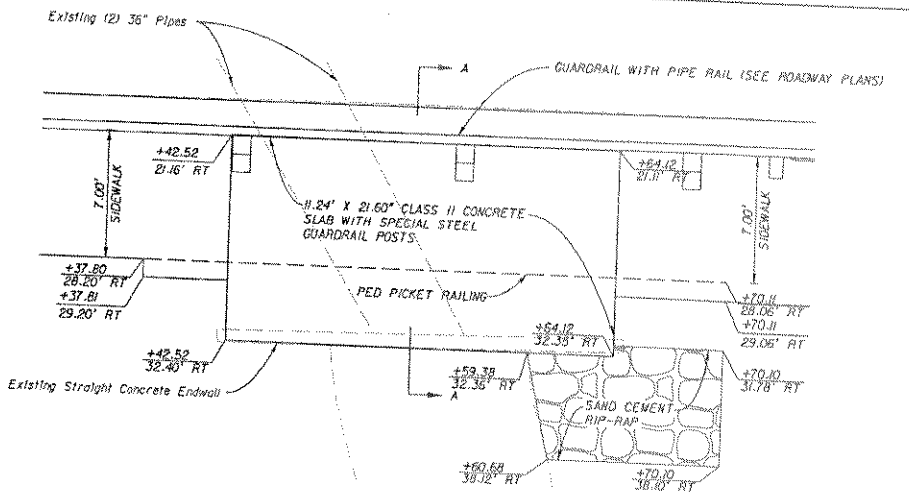
GRADING DETAIL (GATEWAY DR.)

SHEET NO. 40

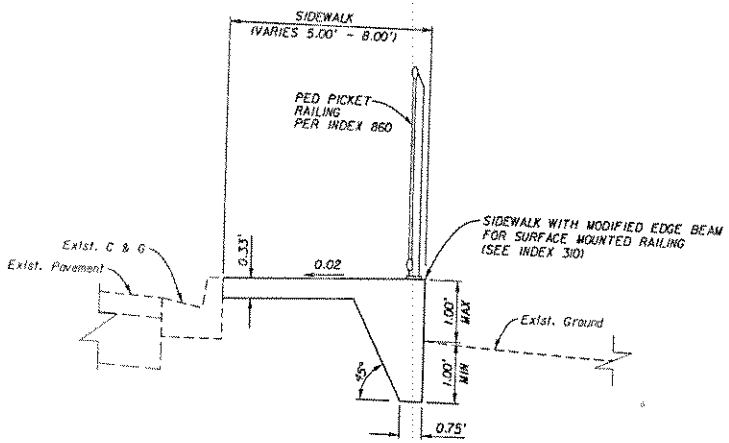


DIRECTIONAL ISLAND AT STA 245+30.00 LT
N.T.S.

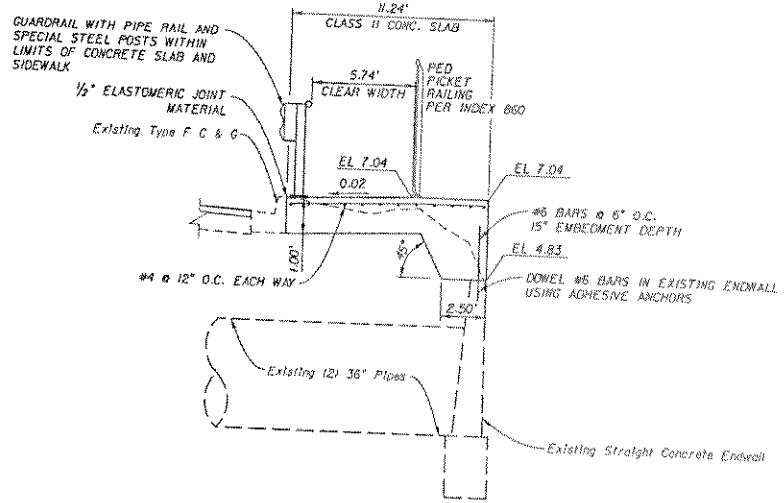
(SEE GRADING DETAIL (GATEWAY DRIVE))



CONCRETE SLAB AT STA 230+50 RT (PLAN)



SIDEWALK WITH MODIFIED EDGE BEAM
AND ALUMINUM PEDESTRIAN PICKET RAILING
N.T.S.



CONCRETE SLAB AT STA 230+50 RT (SECTION A-A)
N.T.S.

SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
A Tyco International Company
Reynaldo R. Rivas, P.E.
Florida License No. 41174
3750 NW 87th Avenue, Suite 350
Miami, FL 33178
Certificate of Authorization No. 8115

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

SPECIAL DETAILS

SHEET NO. 41

1.D. SITE DESCRIPTION

NATURE OF CONSTRUCTION ACTIVITY: CONSTRUCTION ACTIVITIES WILL INCLUDE MILLING, RESURFACING, LANDSCAPING/IRRIGATION, RECONSTRUCTION OF A FEW OF THE EXISTING CURB RAMPS, DRIVEWAYS, ASPHALT WIDENING AND MINOR BRIDGE WORK.

PROJECT LIMITS: PROJECT LIMITS FOR THIS SR 845 PROJECT ARE FROM NORTH OF 58TH COURT TO ATLANTIC BOULEVARD IN BROWARD COUNTY, FLORIDA. THE PROJECT IS WITHIN THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT.

PROJECT DESCRIPTION:

STATE ROAD 845 (POWERLINE ROAD) IS AN URBAN, SIX-LANE DIVIDED PRINCIPAL ARTERIAL ROADWAY. THE ADJACENT LAND USE IS MAINLY COMMERCIAL WITH THE EXCEPTION OF THE PALM AIRE GOLF COURSE RESIDENTIAL COMMUNITY. THE PROJECT LIMITS ARE FROM NORTH OF 58TH COURT TO SOUTH OF ATLANTIC BOULEVARD AND THE APPROXIMATE LENGTH IS 2 MILES. IMPROVEMENTS TO THIS ROADWAY CONSIST OF MILLING AND RESURFACING, UPGRADING SIGNING AND PAVEMENT MARKINGS, SIGNALIZATION, ACCESS MANAGEMENT, ADA IMPROVEMENTS, UPGRADING THE STREET LIGHTING, INSTALLING/REPAIRING PORTIONS OF THE DRAINAGE SYSTEM AS NECESSARY, REPLACING THE EAST PARAPET WALL ALONG THE BRIDGE AND OTHER MINOR WORK.

EXISTING DRAINAGE SYSTEM:

THERE ARE FOUR DEFINED DRAINAGE SYSTEMS. THE FIRST CLOSED DRAINAGE SYSTEM CONSISTS OF FOURTEEN (14) EXISTING STRUCTURES AND FRENCH DRAINS. THIS SECTION BEGINS APPROXIMATELY 600 FEET NORTH OF CYPRESS CREEK ROAD (STATION 215+50) AND TIES TO THE BROWARD COUNTY CANAL AT STATION 230+00.00. THE CONTRIBUTING AREA SOUTH OF STATION 216+50.00 BELONGS TO A DRAINAGE SYSTEM LOCATED BEYOND THE LIMITS OF THIS PROJECT.

THE SECOND CLOSED DRAINAGE SYSTEM CONSISTS OF TWENTY-EIGHT (28) EXISTING STRUCTURES AND FRENCH DRAINS. THIS SECTION BEGINS AT 600 FEET SOUTH OF MC NAB ROAD AND OUTFALLS INTO THE SOUTH LEG OF THE C-14 CANAL (CYPRESS CREEK) AT STA 255+50.

THE THIRD CLOSED DRAINAGE SYSTEM CONSISTS OF THIRTY-ONE (31) EXISTING STRUCTURES AND FRENCH DRAINS. THIS SECTION BEGINS AT RACE TRACK ROAD AND DRAINS BACK TO THE OUTFALL AT THE SOUTH LEG OF THE C-14 CANAL (CYPRESS CREEK).

THE FOURTH CLOSED DRAINAGE SYSTEM CONSISTS OF TWENTY-SEVEN (27) EXISTING STRUCTURES AND FRENCH DRAINS. THIS SECTION BEGINS AT RACE TRACK ROAD AND TIES INTO AN EXISTING PIPE THAT OUTFALLS AT THE NORTH LEG OF THE C-14 CANAL (OLD POMPANO) AT ATLANTIC BOULEVARD.

PROPOSED DRAINAGE SYSTEM:

THE PROPOSED DRAINAGE IMPROVEMENTS FOR THIS PROJECT WILL MAINTAIN THE HISTORICAL DRAINAGE PATTERNS ALONG SR 845 BY CONTINUING THE COLLECTION INTO THE EXISTING SYSTEM. INCREASE PIPE SIZES AND NEW DRAINAGE STRUCTURES TO REPLACE EXISTING DRAINAGE STRUCTURES FOR AREAS WHERE PAVEMENT FAILURE HAS OCCURED AS A RESULT OF DRAINAGE SYSTEM MALFUNCTION.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

MAJOR SOIL DISTURBING ACTIVITIES WILL INCLUDE CONSTRUCTING OF MEDIANS, CONSTRUCTING SIDEWALK SURFACES, AND PAVEMENT WIDENING.

CONSTRUCTION WILL INCLUDE THE ACTIVITIES BELOW, WHICH WILL GENERALLY OCCUR IN THE FOLLOWING SEQUENCE:
- INSTALL CONSTRUCTION SIGNS.
- INSTALL EROSION AND POLLUTION CONTROLS.
- INSTALL DRAINAGE STRUCTURES.
- INSTALL MAST ARM AND CANTILEVER SIGN FOUNDATIONS.
- RECONSTRUCT AND/OR INSTALL CURB AND GUTTER, DRIVEWAYS AND SIDEWALK.
- COMPLETE BRIDGE WORK.
- INSTALL IRRIGATION SYSTEM.
- COMPLETE MAST ARMS AND CANTILEVER SIGNS.
- INSTALL LANDSCAPING.
- PERFORM MILLING AND RESURFACING OPERATIONS.

1.C. AREA ESTIMATES

- TOTAL CONSTRUCTION PROJECT AREA (SR 845 ROW) IS APPROXIMATELY 31.3 ACRES.
- THE TOTAL AREA TO BE DISTURBED IS 2.1 ACRES.
- DRAINAGE AREA FOR EACH OUTFALL:
SYSTEM I, BROWARD COUNTY B-2 CANAL IS 5.5 ACRES
SYSTEM II, CYPRESS CREEK (C-14 CANAL, SOUTH LEG) IS 8.5 ACRES
SYSTEM III, CYPRESS CREEK (C-14 CANAL, SOUTH LEG) IS 9.2 ACRES
SYSTEM IV, OLD POMPANO CANAL (C-14 CANAL, NORTH LEG) IS 8.1 ACRES.
THE EXISTING DRAINAGE PATTERN WILL REMAIN THE SAME.

1.D. QUALITY OF EXISTING STORMWATER:

THE INFORMATION FROM THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET. THE NUMBER FOR THIS SHEET IS IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS WITHIN THE PROJECT CONSIST OF LIGHT BROWN SAND, FINE GRAINED AND LIGHT GRAY TO BROWN SAND WITH TRACES OF SILT AND LIMESTONE. STORMWATER RUNOFF IS BEING TREATED PRIOR TO BEING DISCHARGED INTO SURFACE WATER. TREATMENT IS ACCOMPLISHED MAINLY BY FRENCH DRAINS AND CONTROL STRUCTURES IN EXISTING DRAINAGE STRUCTURES.

SODDING, CONCRETE DITCH PAVEMENT AND SAND-CEMENT RIP-RAP WILL BE USED AS PERMANENT STABILIZATION FOR EROSION CONTROL.

1.E. SITE MAP:

THE FOLLOWING ARE PROVIDED TO SERVE AS SITE MAPS FOR FINANCIAL PROJECT NO. 228075-1-52-01. THE SITE MAP WILL CONSIST OF THE CONSTRUCTION PLANS. THE DRAINAGE AREA IS RELATIVELY FLAT. RUNOFF FROM ASPHALT PAVEMENT DRAINS INTO ONE OF FOUR EXISTING DRAINAGE SYSTEMS. THE REQUIRED INFORMATION IS SHOWN ON THE FOLLOWING PAGES:

- AREAS OF SOIL DISTURBANCE ARE SHOWN ON THE PLAN SHEETS AND TRAFFIC CONTROL PLAN.
- AREAS NOT TO BE DISTURBED ARE SHOWN ON THE PLAN SHEETS AND TRAFFIC CONTROL PLAN.
- AREAS TO BE STABILIZED ARE SHOWN ON THE TYPICAL SECTION SHEETS.
- SURFACE WATER RUNOFF WILL BE COLLECTED IN DRAINAGE INLETS, CONVEYED VIA A PIPE NETWORK AND DISCHARGED INTO THE BROWARD COUNTY B-2 CANAL AND THE SFWMD C-14 CANAL (CYPRESS CREEK AND OLD POMPANO CANALS).
- THE DRAINAGE PATTERNS AND BASINS ARE SHOWN ON THE DRAINAGE MAPS WITHIN THE CONSTRUCTION PLANS.

1.F. OUTFALL INFORMATION:

THERE ARE 4 OUTFALLS WITHIN THIS PROJECT

OUTFALL NO. 1 DESCRIPTION: TWO 36-IN PIPES
LOCATION: LATITUDE 26° 12' 31.9" LONGITUDE 80° 09' 20.9"
ESTIMATED DRAINAGE AREA: 5.5 ACRES
RECEIVING WATER NAME: BROWARD COUNTY B-2 CANAL

OUTFALL NO. 2 DESCRIPTION: ONE 42-IN PIPE
LOCATION: LATITUDE 26° 12' 55.9" LONGITUDE 80° 09' 23.0"
ESTIMATED DRAINAGE AREA: 8.5 ACRES
RECEIVING WATER NAME: CYPRESS CREEK (C-14 CANAL, SOUTH LEG)

OUTFALL NO. 3 DESCRIPTION: ONE 36-IN PIPE
LOCATION: LATITUDE 26° 12' 57.2" LONGITUDE 80° 09' 21.7"
ESTIMATED DRAINAGE AREA: 9.2 ACRES
RECEIVING WATER NAME: CYPRESS CREEK (C-14 CANAL, SOUTH LEG)

OUTFALL NO. 4 DESCRIPTION: ONE 30-IN PIPE
LOCATION: LATITUDE 25° 13' 51.8" LONGITUDE 80° 09' 25.4"
ESTIMATED DRAINAGE AREA: 8.1 ACRES
RECEIVING WATER NAME: OLD POMPANO CANAL (C-14 CANAL, NORTH LEG)

2.0. CONTROLS

PRIOR TO CONSTRUCTION AND/OR CLEARING AND GRUBBING ANY SECTION OF THE PROJECT, THE CONTRACTOR SHALL INSTALL EROSION AND POLLUTION CONTROL FEATURES. AT THE END OF THE CONSTRUCTION OF EACH SECTION, ALL AREAS WILL INCLUDE FINAL STABILIZATION.

2.A. EROSION AND SEDIMENT CONTROLS:

ACCORDING TO SECTION 104 OF THE FDOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TRAFFIC CONTROL PLANS. THE FOLLOWING RECOMMENDATIONS ARE BASED ON THE CONSTRUCTION PLANS. THE CONTRACTOR MAY CHOOSE TO FOLLOW THESE GUIDELINES OR MODIFY THEM IN ACCORDANCE WITH SECTION 104 OF THE FDOT STANDARD SPECIFICATIONS, SUBJECT TO APPROVAL OF THE ENGINEER. IN THE EVENT THE CONTRACTOR CHANGES IT, THE CONTRACTOR WILL BE RESPONSIBLE FOR UPDATING THIS SECTION AS WELL.

THE TRAFFIC CONTROL PHASE DESCRIPTIONS ARE AS FOLLOWS:

PHASE IA, IB, AND IC

1. PLACE 2 VARIABLE MESSAGE SIGNS FOR THE ENTIRE DURATION OF THE PROJECT 14 DAYS PRIOR TO PHASE I CONSTRUCTION. ONE AT STA 204+60 (RT) AND THE OTHER AT STA 315+00 (LT)
2. INSTALL TEMPORARY STRIPING AND TCP DEVICES.
3. INSTALL DRAINAGE FEATURES (FRENCH DRAIN, INLETS, MANHOLES, FLUMES, DRAINAGE PIPES, ETC.).

PHASE IIA AND IIB

1. INSTALL TEMPORARY STRIPING AND TCP DEVICES.
2. ON THE EAST AND WEST SIDE OF SR 845, INSTALL MAST ARM SIGNALS FOUNDATIONS, OVERHEAD SIGN FOUNDATIONS AND NEW LIGHTING FOUNDATIONS.
3. RECONSTRUCT AND/OR INSTALL CURB AND GUTTER, DRIVEWAYS AND SIDEWALK.
4. COMPLETE BRIDGE WORK.

PHASE IIIA AND IIIB

1. INSTALL TEMP STRIPING AND TCP DEVICES.
2. RECONSTRUCT MEDIAN AREAS.
3. INSTALL IRRIGATION SYSTEM.
4. THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF FIVE THROUGH LANES AT ALL TIMES DURING PHASE IIIA AND IIIB.

PHASE IV

1. INSTALL TEMP STRIPING AND TCP DEVICES.
2. LANDSCAPE MEDIAN AREAS.
3. COMPLETE SODDING AND CLEANUP.
4. ADJUST MANHOLE/VALVE ELEVATIONS AS NEEDED, MILL AND RESURFACE WITH SLOPE CORRECTION.
5. INSTALL MAST ARM SIGNALS, OVERHEAD SIGNS AND NEW LIGHTING.
6. PLACE FRICTION COURSE, PAVEMENT MARKINGS AND SIGNING AS SHOWN ON SIGNING & PAVEMENT MARKINGS PLANS THROUGHOUT THE ENTIRE PROJECT.

2.A.1. STABILIZATION PRACTICES:

ACCORDING TO SECTION 104 OF THE FDOT STANDARD SPECIFICATIONS, THE CONTRACTOR SHOULD DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 14 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED.

THE STABILIZATION PRACTICES SHOULD INCLUDE THE FOLLOWING:

TEMPORARY: SOD IN ACCORDANCE WITH SECTION 104 OF THE FDOT STANDARD SPECIFICATIONS.

PERMANENT: ASPHALT, CONCRETE SIDEWALK, LANDSCAPING, AND MEDIANS TO BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. PLACE SOD IN ACCORDANCE WITH SPECIFICATION SECTION 575.

2.A.2 STRUCTURAL PRACTICES:

THE CONTRACTOR SHOULD DESCRIBE THE PROPOSED STRUCTURAL PRACTICES TO CONTROL OR TRAP SEDIMENT AND OTHERWISE PREVENT THE DISCHARGE OF POLLUTANTS FROM EXPOSED AREAS OF THE SITE. SEDIMENT CONTROLS SHALL BE IN PLACE BEFORE DISTURBING SOIL UPSTREAM OF THE CONTROL. THE STRUCTURAL PRACTICES SHALL INCLUDE THE FOLLOWING:

TEMPORARY: SILT FENCES AND TURBIDITY BARRIERS IN ACCORDANCE WITH STANDARD INDEX 102, 103 AND SECTION 104 OF THE FDOT STANDARD SPECIFICATIONS. BALED HAY AND ROCK BAGS FOR INLET PROTECTION IN ACCORDANCE WITH STANDARD INDEX 102.

2.B. STORM WATER MANAGEMENT:

SURFACE RUNOFF WILL BE COLLECTED IN INLETS IN THE FOUR BASINS.

2.C. OTHER CONTROLS:

THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN ORDERLY, CONSTRUCTION SITE. THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE:

2.C.1. DISCHARGE OF MATERIALS TO SURFACE WATERS:

NO CONSTRUCTION MATERIAL SHALL BE DISCHARGED TO WATERS OF THE STATE UNLESS AUTHORIZED BY A SECTION 404 PERMIT AND/OR THE STATE OF FLORIDA ENVIRONMENTAL RESOURCE PERMIT. ALL CONSTRUCTION DEBRIS SHALL BE DISPOSED OF IN AN APPROVED UPLAND LOCATION. BUILDING MATERIAL SHALL NOT BE DISPOSED OF IN WETLANDS OR BURIED ON-SITE.

2.C.2. OFF-SITE VEHICLE TRACKING & DUST CONTROL:

THE CONTRACTOR SHALL TAKE MEASURES TO INSURE THE CLEANUP OF SEDIMENTS THAT HAVE BEEN TRACKED BY VEHICLES OR HAVE BEEN TRANSPORTED BY WIND OR STORM WATER ABOUT THE SITE OR ONTO NEARBY ROADWAYS. STABILIZED CONSTRUCTION ENTRANCES AND CONSTRUCTION ROADS, IF APPROPRIATE, SHALL BE IMPLEMENTED IN ORDER TO REDUCE OFFSITE TRACKING. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPAULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY.

2.C.3. WASTE DISPOSAL:

THE CONTRACTOR SHALL DEMONSTRATE THE PROPER DISPOSAL OF ALL CONSTRUCTION WASTE GENERATED WITHIN THE PROJECT LIMITS. WASTE MAY INCLUDE, BUT NOT BE LIMITED TO, VEGETATION FROM CLEARING AND GRUBBING ACTIVITIES, PACKAGING MATERIALS, SCRAP BUILDING MATERIALS, LITTER FROM TRAVELING PUBLIC, SEWAGE FROM SANITARY FACILITIES, HERBICIDES AND PESTICIDES, AND THEIR CONTAINERS, AND HYDROCARBON PRODUCTS. CONTRACTOR SHALL DESIGNATE A WASTE COLLECTION AREA ONSITE AND DELINEATE THE AREA ON THE SWPPP SITE MAP. SANITARY/SEPTIC FACILITIES SHALL BE PROVIDED AND MAINTAINED IN A NEAT AND SANITARY CONDITION FOR THE USE OF THE CONTRACTOR'S EMPLOYEES AS NECESSARY TO COMPLY WITH THE REQUIREMENTS AND REGULATIONS OF THE STATE AND LOCAL BOARDS OF HEALTH. A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS WILL COLLECT ALL SANITARY WASTE PORTABLE UNITS. THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT LIMITS DURING CONSTRUCTION ACTIVITIES. CONTRACTOR WILL PROVIDE AN ADEQUATE NUMBER OF LITTER CONTAINERS WITH LIDS AT THE STAGING, STOCKPILE AND FIELD OFFICE AREAS. WASTE COLLECTION WILL BE SCHEDULED SO THAT CONTAINERS ARE EMPTIED PRIOR TO OVERFLOW. SPILLED LITTER CONTAINERS WILL BE CLEANED UP IMMEDIATELY.

2.C.4. FERTILIZERS AND PESTICIDES:

THE APPLICATION AND HANDLING OF HERBICIDES AND PESTICIDES SHALL BE IN COMPLIANCE WITH THE MANUFACTURER RECOMMENDED METHOD AND IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. HERBICIDE AND PESTICIDES SHALL BE STORED ONSITE IN THEIR ORIGINAL CONTAINERS WITH PRODUCT LABEL INTACT.

SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech A Tyco International Ltd. Company
Reynaldo R. Rivas, P.E.
Florida License No. 41574
3150 NW 57th Avenue, Suite 300
Miami, FL 33178
Certificate of Authorization No. 6115

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 42

2.C.5. TOXIC/HAZARDOUS MATERIAL HANDLING:

CONTRACTOR SHALL PROVIDE THE EQUIPMENT NECESSARY TO CONTAIN AND CLEAN UP SPILLS OF HAZARDOUS MATERIALS, INCLUDING PETROLEUM PRODUCTS. SPILLS SHALL BE CONTAINED AND CLEANED UP IMMEDIATELY AFTER THEY OCCUR. SPILLED MATERIAL AND THE EQUIPMENT USED TO CLEAN UP THE SPILL SHALL NOT COME IN CONTACT WITH SURFACE WATERS OR BE INTRODUCED INTO STORM WATER. DISPOSAL OF SURPLUS PRODUCT WILL BE DONE ACCORDING TO MANUFACTURER RECOMMENDED METHOD.

CONTRACTOR SHALL PROVIDE A PROJECT SPECIFIC HAZARDOUS MATERIALS SPILL CONTROL PLAN IN ORDER TO ADDRESS THE HANDLING OF HYDROCARBONS AND HAZARDOUS MATERIALS.

PETROLEUM PRODUCTS SHALL BE STORED IN COVERED AREAS WITH SECONDARY CONTAINMENT SURROUNDING CONTAINER. TOXIC/HAZARDOUS MATERIALS EXPOSED DURING CONSTRUCTION ACTIVITIES SHALL BE HANDLED AS PER THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

3.0. MAINTENANCE

THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL COMPLY WITH THE FOLLOWING AS A MINIMUM:

- INSTALL AND MAINTAIN DEVICES AS PER SECTION 104 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- MAINTENANCE OF THESE DEVICES WILL OCCUR UNTIL THE ENGINEER HAS DEEMED AN AREA PERMANENTLY STABILIZED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER THEY HAVE SERVED THEIR PURPOSE.
- INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD DAILY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT. ALL COSTS ASSOCIATED WITH THIS WORK WILL BE INCLUDED IN PAY ITEM NO. 104-13-1.
- MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. MAINTENANCE AND REPAIR REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION SHALL BE INCLUDED IN THE COST OF THE ASSOCIATED PAY ITEM, I.E. 104-10-2, SYNTHETIC BALES; 104-11, TURBIDITY BARRIER; 104-13-1, STAKED SILT FENCE; 104-16, ROCK BAGS.
- REMOVE BUILT-UP SEDIMENT FROM STAKED SILT FENCES AND/OR STAKED TURBIDITY BARRIERS WHEN, OR BEFORE, IT HAS REACHED ONE-THIRD THE HEIGHT OF THE FENCE BARRIERS, OR IN THE EVENT THAT WATER FLOW IS IMPEDED. SILT FENCES SHALL BE INSPECTED FOR OPENINGS IN THE MESH, BROKEN STAKES AND TO ENSURE THAT THEY ARE FUNCTIONING AS INTENDED. COST OF REMOVING AND PROPERLY DISPOSING OF SEDIMENT WILL BE INCLUDED IN THE COST OF PAY ITEM NO. 104-13-1. BUILD-UP ON SYNTHETIC BALES WILL BE REMOVED WHEN IT REACHES ONE HALF THE HEIGHT OF THE BALE OR WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMWATER FLOW.
- INSPECT TEMPORARY AND PERMANENT SEEDING/SODDING FOR BARE SPOTS, WASHOUTS AND HEALTHY GROWTH, AND REPAIR AS NEEDED. COST WILL BE INCLUDED UNDER PAY ITEM NO. 570-1-2.

4.0. INSPECTIONS

THE CONTRACTOR SHALL BE REQUIRED TO CONDUCT DAILY VISUAL INSPECTIONS OF ALL TEMPORARY AND PERMANENT STABILIZATION MEASURES ALONG THE PROJECT CORRIDOR, AND TO REPAIR AND/OR REPLACE THESE ITEMS AS NECESSARY. THE CONTRACTOR SHALL APPOINT AN INSPECTOR TO REVIEW THE PROJECT'S TEMPORARY AND PERMANENT STABILIZATION MEASURES EVERY SEVEN CALENDAR DAYS AND/OR WITHIN 24 HOURS OF THE END OF A STORM THAT DEPOSITS 1/2 INCH OF RAIN OR GREATER. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHOULD BE CONDUCTED AT LEAST ONCE PER MONTH. THE CONTRACTOR SHALL ALSO CHECK THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN. WRITTEN DOCUMENTATION IS REQUIRED FOR EACH INSPECTION. THE FDOT STORM WATER POLLUTION PREVENTION PLAN CONSTRUCTION INSPECTION REPORT (FORM #650-040-03) SHALL BE USED TO REPORT THE INSPECTION FINDINGS TO THE PROJECT ENGINEER AND THE CONTRACTOR AS PER THE ABOVE-REFERENCED SCHEDULE. THE FOLLOWING ITEMS WILL BE INSPECTED:

- POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS.
- DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- STRUCTURAL CONTROLS.
- STORMWATER MANAGEMENT SYSTEMS.
- LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER. IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0. NON-STORMWATER DISCHARGES

5.A. IF CONTAMINATED SOIL OR GROUNDWATER IS ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL CEASE OPERATIONS IN THAT AREA. THE CONTRACTOR SHALL CONTACT THE FDOT PROJECT ENGINEER WHO WILL NOTIFY THE DISTRICT CONTAMINATION IMPACT COORDINATOR, MR. VINCENT FUSCONI AT 954-777-4286.

5.B. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DEVELOP A DEWATERING SYSTEM THAT PROVIDES PRE-TREATMENT OF THE EFFLUENT PRIOR TO DISCHARGE INTO ADJACENT SURFACE WATERS. THE CONTRACTOR'S DEWATERING METHOD MUST MEET ALL FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING THIS PRACTICE, INCLUDING THE USE OF PERMITTED OUTFALL STRUCTURES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE AND APPLY FOR A DEWATERING PERMIT WITH THE APPROPRIATE WATER MANAGEMENT DISTRICT.

5.C. DUST CONTROL: THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION. THIS WILL BE ACCOMPLISHED USING STREET SWEEPERS AND/OR VACUUMS.

5.D. IRRIGATION: THIS PROJECT INCLUDES CONSTRUCTION OF APPROXIMATELY 18,310 SY OF LANDSCAPING AREA WITH AN IRRIGATION SYSTEM. INSTALLATION OF PLANTINGS WILL BE CARRIED OUT AFTER RE-GRADING OF THE MEDIAN AREAS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ASSURING THAT IRRIGATION PRACTICES WILL COMPLY WITH THIS SWPPP AND ALL APPLICABLE NPDES, ERP OR OTHER PERMIT CONDITIONS.

5.E. MAST ARM FOUNDATIONS: THE CONTRACTOR SHALL CONTACT THE DISTRICT CONTAMINATION IMPACT COORDINATOR AT 1954)777-4286 THIRTY DAYS PRIOR TO INSTALLING THE MAST ARM FOOTER AT THE SOUTHWEST CORNER OF POWERLINE ROAD AND NORTH COURSE DRIVE (STA 294+44.92, 85.9-FT LT). THIS LOCATION HAS BEEN IDENTIFIED AS HAVING CONTAMINATED SOIL AND/OR GROUNDWATER. THE DISTRICT CONTAMINATION IMPACT COORDINATOR WILL ARRANGE FOR THE REMOVAL AND DISPOSAL OF CONTAMINATED SOIL, GROUNDWATER, DRILLING MUD AND ANY OTHER CONTAMINATED MATERIAL RESULTING FROM THE CONTRACTOR'S CONSTRUCTION OF THE MAST ARM FOOTER.

5.F. EQUIPMENT WASHOUT: THE CONTRACTOR WILL BE ADVISED THAT EQUIPMENT WASHOUTS THAT COULD RESULT IN DISCHARGES OF PETROLEUM PRODUCTS OR OTHER HAZARDOUS MATERIALS TO SITE SOILS OR GROUNDWATER ARE NOT ALLOWED. THE CONTRACTOR WILL BE ADVISED THAT EQUIPMENT WASHOUTS THAT COULD RESULT IN NON-COMPLIANT DISCHARGES OF SILT, SAND, CEMENT, OR SIMILAR NON-HAZARDOUS MATERIALS TO THE EXISTING OR NEW STORMWATER SYSTEM ARE NOT ALLOWED. THE CONTRACTOR WILL BE RESPONSIBLE FOR ASSURING COMPLIANCE WITH THIS SWPPP AND ALL APPLICABLE NPDES, ERP OR OTHER PERMIT CONDITIONS.

5.G. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DESIGNATE AN AREA WITHIN THE PROJECT LIMITS FOR CONCRETE TRUCK WASHOUT ACTIVITIES. THIS AREA SHALL PROVIDE EROSION CONTROL DEVICES THAT PREVENT CONTACT BETWEEN CONCRETE WASHOUT MATERIALS AND STORMWATER AND/OR SURFACE WATERS.

6.0. CONTRACTOR'S SUBMITTAL

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DEVELOP AN EROSION CONTROL PLAN THAT PROVIDES A DETAILED DESCRIPTION OF ALL EROSION AND SEDIMENT CONTROLS, BEST MANAGEMENT PRACTICES, AND MEASURES THAT WILL BE IMPLEMENTED AT THE CONSTRUCTION SITE FOR EACH ACTIVITY IDENTIFIED IN SECTION 1.B. SEQUENCE OF SOIL DISTURBING ACTIVITIES. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TIMEFRAMES IN WHICH THE CONTROLS WILL BE IMPLEMENTED, MAINTAINED AND REMOVED. THIS INFORMATION SHALL BE KEPT AT THE PROJECT FIELD OFFICE IN ORDER FOR THE PROJECT TO BE CONSIDERED IN COMPLIANCE WITH THE FDEP GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION SITES.

THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THE FOLLOWING ITEMS ARE ON SITE:

1. COPY OF STORMWATER POLLUTION PREVENTION PLAN WITH THE ORIGINAL CERTIFICATION SIGNATURES.
2. COPY OF CONTRACTOR'S EROSION CONTROL PLAN.
3. HAZARDOUS SPILL CONTROL PLAN WITH GUIDELINES ON CONTACTING THE 24 HOUR EMERGENCY RESPONSE PROGRAM FOR HAZARDOUS MATERIAL SPILLS. THIS SHALL INCLUDE COPIES OF DISCHARGE NOTIFICATIONS THAT HAVE OCCURRED WITHIN THE PROJECT LIMITS.
4. COMPLETED INSPECTION FORMS.

THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE FOLLOWING ITEMS TO FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) IN ORDER FOR THE NPDES PERMIT TO BE PROCESSED:

1. FDEP FORM 62-621.300(4)(B) - NOTICE OF INTENT (NOI) TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THIS NOTICE OF INTENT SHALL BE SIGNED BY THE CONTRACTOR.
2. THE PERMITTING FEE OF $300.00 FOR PROJECTS THAT CLEAR AND GRUB MORE THAN FIVE ACRES, $150.00 FOR PROJECTS THAT CLEAR AND GRUB BETWEEN 1 AND 5 ACRES.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO SUBMIT THE NOI TO FDEP NO LESS THAN 48 HOURS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING PROOF OF THE MAIL DATE TO THE PROJECT ADMINISTRATOR.

SFWMD
NGP PERMIT

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

ENGINEER OF RECORD:
EarthTech
Raphael B. Olson, P.E. A Tetra Tech/Lockwood Ltd. Company
Florida License No. 41114
1350 NW 57th Avenue, Suite 300
Miami, FL 33126
Certificate of Authorization No. 8315

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
SR-845	BROWARD	228075-1-52-01

STORMWATER POLLUTION PREVENTION PLAN

SHEET NO. 43

8/20/2007 8:05:06 AM F:\FDOT\228075-1-52-01\Roadway\Water\001.dgn