

**EAST CHARLOTTE
DRAINAGE DISTRICT**

WATER CONTROL PLAN

JANUARY 2000

**WATER CONTROL PLAN
REQUIREMENTS
Chapter 298.225 (3)**

- (a) Narrative descriptions of the statutory responsibilities and powers of the water control district.*

The District was established by judgment of the court of the Twelfth Judicial Circuit of Florida on May 3, 1962 and was given additional powers by legislative act (Chapter 65-664 Laws of Florida) on June 25, 1965 as provided by Section 298.76, Florida statutes.

The East Charlotte Drainage District (ECDD) is responsible for drainage, roads and irrigation.

- (b) A map delineating the legal boundary of the water control district and identifying any subdistricts or units within the district.*

A map of the district delineating the legal boundary of the district is attached. There are no subdistricts or units within the district.

- (c) Narrative description of land use within the district and all existing district facilities and their purpose and function, and a map depicting their locations.*

ECDD is exclusively for the growth of citrus. There are some wetlands and borrow pits, very few undeveloped areas with some barns and a few residences for production managers and field workers.

- (d) Engineering drawings and narrative sufficient to describe each facilities capacity for the management and storage of surface waters and potable water supply, if applicable.*

Canals and culverts are indicated on the attached drawing. There are no reservoirs. There is no potable water supply.

- (e) A description of any environmental or water quality program that the water control district has implemented or plans to implement.*

Best Management Practices (BMPs) as specified in the SWFWMD WUP is the primary environmental or water quality program, which ECDD has implemented.

- (f) A map and narrative description of any area outside the water control districts legal boundary for which the district provides services.*

ECDD has some maintenance responsibility for Neal Road, which is the main transportation route from the District to SR 31. MSSW permit No.

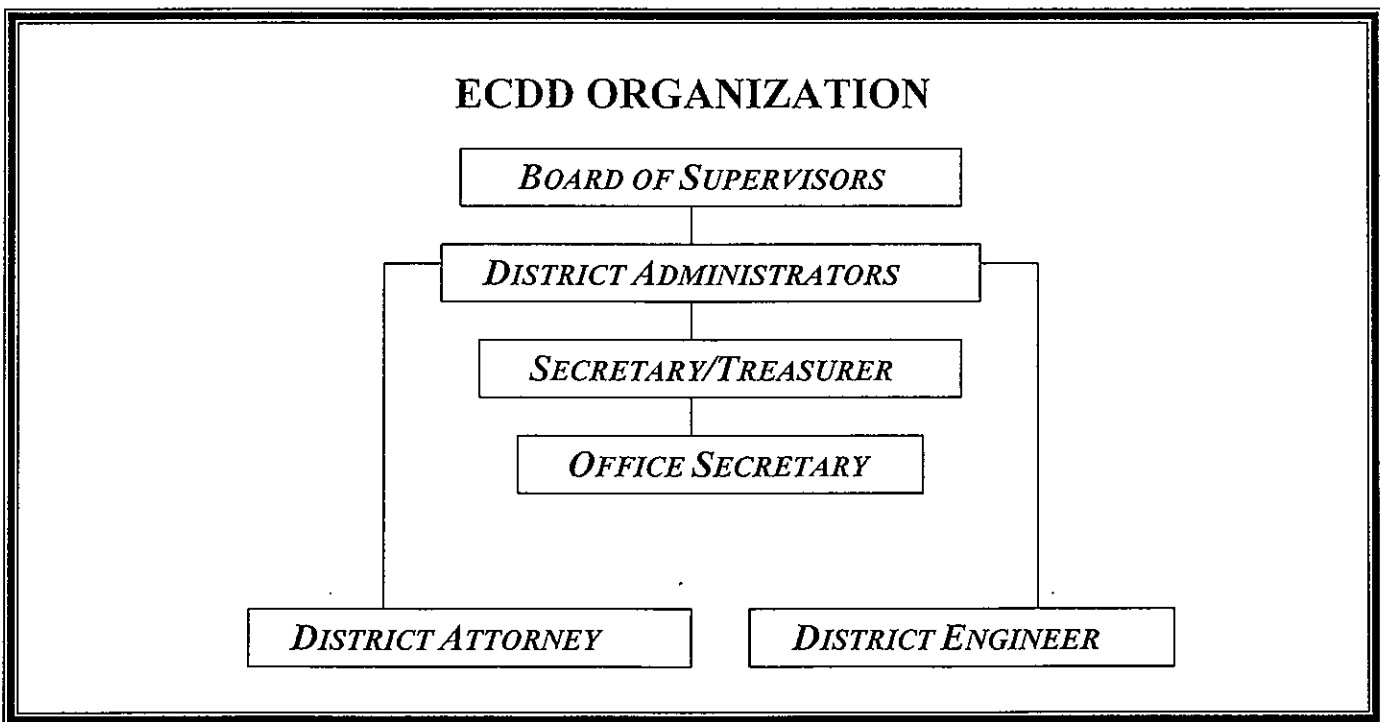
4011763.01/CT21812 within SWFWMD's files will specify all of ECDD's activities with respect to Neal Road.

(g) *Detailed descriptions of facilities and services that the water control district plans to provide within 5 years.*

The district has plans for regular maintenance. There will be some culverts relocated and incorporated within the lateral canals for better control of irrigation and improved freeze protection. These culverts are shown on the drawing.

(h) *A description of the administrative structure of the water control district.*

There are three members on the Board of Supervisors elected by the landowners within the District, utilizing one vote per acre.





An Equal Opportunity Employer

Southwest Florida Water Management District

2379 Broad Street • Brooksville, Florida 34609-6899 • 1-800-423-1476 (Florida Only) or (904) 796-7211 • SUNCOM 628-4150 • T.D.D. Number Only (Florida Only): 1-800-231-6103

7601 Highway 301 North
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(813) 985-7481 SUNCOM 578-2070

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(813) 534-1448 SUNCOM 572-6200

115 Corporation Way
Venice, Florida 34292-3524
(813) 483-5970 SUNCOM 549-5970

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(904) 637-1360

July 26, 1995

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Tampa

Peter G. Hubbell
Executive Director
Mark D. Farrell
Assistant Executive Director
Edward B. Helvenston
General Counsel

East Charlotte Drainage District
Route 1, Box 888
Arcadia, Florida 33821

SUBJECT: Transfer to Operation Phase
Management and Storage of Surface Waters (MSSW)
Permit No.: 4011763.01/CT21812
Project Name: Neal Road ECDD
Road & Culvert Maintenance
Sec/Twp/Rge: 17,18,19,20/40S/26E
County: Charlotte

Gentlemen:

Your request to transfer the above-referenced permit to the operation phase has been approved and is effective on July 26, 1995.

Some facilities have had their As-Built drawings field verified by District staff and others have not. In all cases the District reserves the right to continue the field verification of the As-Built drawings under Chapter 40D-4.091 of the Florida Administrative Code and Section 3.1.7 of the "Basis of Review for Surface Water Management Permit Applications". Your MSSW Permit may contain conditions requiring future periodic inspection and maintenance requirements. These periodic inspections are normally required every 18 or 24 months and are required to be reported to the District on Form No. 25.03-15.1-9/87 entitled "Statement of Inspection for Proper Operation and Maintenance". This Form can be found on Page B-47 in the District's Permit Information Manual for the Management and Storage of Surface Waters. A copy of that form is enclosed for you to keep on record. **THE FORM IS NOT REQUIRED TO BE SUBMITTED AT THIS TIME. CHECK YOUR PERMIT CONDITIONS TO DETERMINE WHEN IT IS REQUIRED.**

Your participation in the regulation process will help protect and conserve our water resource.

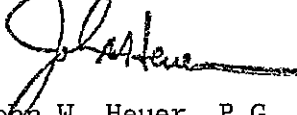
Excellence
Through
Quality
Service

RECEIVED JUL 31 1995

East Charlotte Drainage District
July 26, 1995
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If you have any questions or concerns about your permit, please contact Christopher S. Wright in the Venice office at (813) 483-5970.

Sincerely,



John W. Heuer, P.G.
Interim Director
Venice Regulation Department

JWH:CAJ:bxm

Encs: Statement of Completion signed by District Representative
MSSW Permit
As-built drawings
Inspection Form No. 25.03-15.1-9/87

cc: File of Record
Cheryl A. Johnson
Agricultural Engineering, P.A.

STATEMENT OF INSPECTION FOR PROPER OPERATION
AND MAINTENANCE

Within 30 days after completion of the inspection for proper operation and maintenance, the operation and maintenance entity or its authorized agent must SEND THE ORIGINAL PLUS ONE COPY OF THIS FORM to the Southwest Florida Water Management District, 2379 Broad Street, Brooksville, Florida 34609-6899. Upon receipt, the District will review this statement and may inspect the system for compliance with the approved permit and as-built drawings.

(1) SURFACE WATER MANAGEMENT SYSTEM INFORMATION:

Permit No.: 4011763.01/CT21812
County: Charlotte
Project Name: Neal Road ECDD Road & Culvert Maintenance
Permittee: East Charlotte Drainage District
Address: Route 1, Box 888
City/State/Zip: Arcadia, Florida 33821
Telephone: (____) _____

(2) I hereby certify that an inspection of the above-referenced system was performed on _____ and further certify based on my observations that all above-ground facilities are being operated and maintained as authorized by the Southwest Florida Water Management District. I further state that it is my opinion based on my observations, knowledge, experience and any other available information that the below-ground facilities are being operated and maintained as authorized.

By: _____
Signature of Engineer

Name (Please Type) Florida Registration No.

Company Name

Company Address

(Affix Seal)

City, State, Zip

Phone: (____) _____ Date: _____

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
MANAGEMENT AND STORAGE OF SURFACE WATER
GENERAL - CONSTRUCTION
PERMIT NO. 4011763.01

EXPIRATION DATE: June 22, 1997

PERMIT ISSUE DATE: June 22, 1994

TRANSFERRED TO OPERATION PHASE

This permit, issued under the provisions of Chapter 373, Florida Statutes, Florida Administrative Code Rules 40D-4 and 40D-40 authorizes the Permittee to perform the work outlined herein and shown by the application, approved drawing(s), plans, and other documents, attached hereto and kept on file at the Southwest Florida Water Management District (District).

PROJECT NAME: Neal Road ECDD Road & Culvert Maintenance

GRANTED TO: Charlotte County Board of County Commissioners
18500 Murdock Circle
Port Charlotte, Florida 33950

ABSTRACT: This permit authorizes the construction of a surface water management system designed to serve a 13.50 acre, 1.5 mile roadway project known as Neal Road, ECDD Road and Culvert Maintenance located in Charlotte County. The existing dirt/shell road will be paved and three new 50 foot long, 30 inch diameter cross-drain culverts will be placed under Neal Road. The project engineer has demonstrated that the road paving and culvert additions will not adversely impact downstream property owners during the design storm event. No water quality treatment system for this activity is required. There are no wetlands located within the project area.

OP. & MAINT. ENTITY: East Charlotte Drainage District

PROPERTY LOCATION: Charlotte County

SEC/TWP/RGE: 17,18,19,20/40S/26E

TOTAL ACRES OWNED: 13.5

TRANSFERRED ON JULY 26, 1995
TO: EAST CHARLOTTE DRAINAGE DISTRICT
ROUTE 1, BOX 888
ARCADIA, FLORIDA 33821

PROJECT SIZE: 13.5

LAND USE: Road Project

DATE APPLICATION FILED: March 4, 1994

AMENDED DATE: N/A

I. Water Quantity/Quality

N/A

AUG 02 1994
FILED ON _____ BY GS

Permit No. 401 3.01
Project Name: Neal Road ECDD Road & Culvert Maintenance
Page 2

II. 100-Year Floodplain

Encroachment (ac-ft):	Compensation (ac-ft):
0.00	0.00

III. Environmental Considerations

No wetlands or other unique hydrologic features exist within the project area.

SPECIFIC CONDITIONS

1. In order to ensure that the person who will construct the proposed work is identified as required by 373.413(2)(f), Florida Statutes, once the contract is awarded, the name, address, and telephone number of the contractor will be submitted to the District prior to construction referencing Permit Number 4011763.01.
2. The District reserves the right to conduct on-site research to assess the pollutant removal efficiency of the surface water management system. The Permittee may be required to cooperate in this regard by allowing on-site access by District representatives, by allowing the installation and operation of testing and monitoring equipment, and by allowing other assistance measures as needed on site.

TRACKING CONDITIONS

1. The Permittee shall immediately provide written notification to the District upon beginning any construction authorized by this permit.
2. Refer to LIMITING CONDITION No. 4 herein.

LIMITING AND STANDARD CONDITIONS

1. The Permittee shall comply with the attached Limiting and Standard Conditions which are attached hereto, incorporated herein by reference as Exhibits "A" and "B" respectively and made a part hereof.



Authorized Signature

EXHIBIT "A"

1. The Permittee shall perform the construction authorized in a manner so as to minimize any adverse impact of the system on fish, wildlife, natural environmental values, and water quality. The Permittee shall institute necessary measures during the construction period, including full compaction of any fill material placed around newly installed structures, to reduce erosion, turbidity, nutrient loading and sedimentation in the receiving waters.
2. Water quality data for the water discharged from the Permittee's property or into the surface waters of the state shall be submitted to the District as required. Parameters to be monitored may include those listed in Chapter 17-3. Analyses shall be performed according to procedures outlined in the current edition of Standard Methods for the Examination of Water and Wastewater by American Public Health Association of Methods for Chemical analyses of Water and Wastes by the U.S. Environmental Protection Agency. If water quality data are required, the Permittee shall provide data as required on volumes of water discharged, including total volume discharged during the days of sampling and total monthly discharges from the property or into surface waters of the state.
3. The Permittee shall comply with all applicable local subdivision regulations and other local requirements. In addition the Permittee shall obtain all necessary Federal, State, local and special district authorizations prior to the start of any construction or alteration of works authorized by this permit.
4. The operation phase of this permit shall not become effective until the owner or his authorized agent certifies that all facilities have been constructed in accordance with the design permitted by the District. Within 30 days after completion of construction of the surface water management system, the Permittee shall submit the certification and notify the District that the facilities are complete. Upon completion of the surface water management system, the Permittee shall request transfer of the permit to the responsible entity approved by the District. The District may inspect the system and require remedial measures as a condition of transfer of the permit.
5. All roads shall be set at or above elevations required by the applicable local governmental flood criteria.
6. All building floors shall be set at or above elevations acceptable to the applicable local government.
7. Off-site discharges during construction and development shall be made only through the facilities authorized by this permit. Water discharged from the project shall be through structures having a mechanism suitable for regulating upstream stages. Stages may be subject to operating schedules satisfactory to the District.
8. No construction authorized herein shall commence until a responsible entity acceptable to the District has been established and has agreed to operate and maintain the system. The entity must be provided with sufficient ownership so that it has control over all water management facilities authorized herein. Upon receipt of written evidence of the satisfaction of this condition, the District will issue an authorization to commence construction.

Limiting Conditions
Noticed General, General, Individual
Page 1 of 2

9. The permit does not convey to the Permittee any property right nor any rights or privileges other than those specified in the permit and Chapter 40D-4.
10. The Permittee shall hold and save the District harmless from any and all damages, claims, or liabilities which may arise by reason of the construction operation, maintenance or use of any facility authorized by the permit.
11. This permit is issued based on the Permittee's submitted information which reasonably demonstrates the adverse off-site water resource related impacts will not be caused by the completed permit activity. It is also the responsibility of the Permittee to insure that adverse off-site water resource related impacts do not occur during construction.
12. Prior to dewatering, plans shall be submitted to the District for approval. Information shall include as a minimum; pump sizes, locations and hours of operation for each pump. If off-site discharge is proposed, or off-site adverse impacts are evident, an individual water use permit may be required. The Permittee is cautioned that several months may be required for consideration of the water use permit application. Temporary dewatering during construction, i.e., well pointing, ditching, etc. that will not affect adjacent wetlands or off-site lands is exempt from this requirement.

EXHIBIT "B"

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and as such are binding upon the Permittee and enforceable pursuant to the authority of Chapters 373 and 403, Florida Statutes. The Permittee is hereby placed on notice that the District will review this permit periodically and may initiate enforcement action for any violation of the "Permit Conditions" by the Permittee, its agents, employees, servants or representatives.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the District.
3. The issuance of this permit does not convey any vested rights or any exclusive privileges. Nor does it authorize any injury to public or private property or any invasion of personal rights, nor infringement of federal, state or local laws or regulations. This permit does not constitute a waiver of or approval of any other District and Department of Environmental Protection (Department) permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the state. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
5. This permit does not relieve the Permittee from liability for harm or injury to human health or welfare, animal, plant or aquatic life or property and penalties therefore caused by the construction or operation of the permitted system, nor does it allow the Permittee to cause pollution in contravention of Florida Statutes and District and Department rules, unless specifically authorized by any order from the District or Department.
6. The Permittee shall at all times properly operate and maintain the systems of treatment and control (and related appurtenances) that are installed or used by the Permittee to achieve compliance with conditions of this permit, as required by District rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by District rules.
7. The Permittee, by accepting this permit, specifically agrees to allow authorized District personnel, upon presentation of credentials or other documents as may be required by law, access to the premises, at reasonable times, where the permitted activity is located or conducted; for the purposes of inspection and testing to determine compliance with this permit and District regulations, such as:
 - a. Having access to and copying any records that must be kept under the conditions of the permit;
 - b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit;
 - c. Sampling or monitoring any substances or parameters at any location reasonably necessary to assure compliance with this permit or District rules; and

Standard Conditions
Noticed General, General, Individual
Page 1 of 4

d. Gathering of data and information.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the Permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the Permittee shall immediately notify and provide the District with the following information:
- a. A description of and cause of non-compliance; and
 - b. the period of non-compliance, including exact dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The Permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the District for penalties or revocation of this permit.

9. In accepting this permit, the Permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source, which are submitted to the District, may be used by the District as evidence in any enforcement case arising under the Florida Statutes or District rules, except where such use is proscribed by Florida Statutes.
10. The Permittee agrees to comply with changes in District rules and Florida Statutes after a reasonable time for compliance, provided, however, the Permittee does not waive any other rights granted by Florida Statutes or District rules.
11. This permit is transferable only upon District approval in accordance with Florida Administrative Code rules 40D-4.351 as applicable. The Permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the District.
12. When specifically required as terms of permitting the Permittee shall comply with the following monitoring and record keeping requirements:
- a. Upon request, the Permittee shall furnish all records and plans required under District rules. The retention period for all records will be extended automatically, unless otherwise stipulated by the District, during the course of any unresolved enforcement action.
 - b. The Permittee shall retain, at the facility or other location designated by this permit, records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation), copies of all reports required by this permit, and records of all data used to complete the application for this permit. The time period of retention shall be at least three years from the date of the sample, measurement, report or application unless otherwise specified by District rule.
 - c. Records of monitoring information shall include:
 - the date, exact place, and time of sampling or measurements;
 - the person responsible for performing the sampling or measurements;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

13. When requested by the District, the Permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the Permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the District, such facts or information shall be submitted or corrected promptly.
14. Drawings, plans, calculations, specifications or other information submitted by the Permittee, not attached hereto, but retained on file at the District office, are made a part of this permit.
15. A copy of this permit and a set of construction drawings depicting the permitted system are required to be kept at the work site of the permitted activity during the entire period of construction or operation. The approved construction drawings are issued as a part of this permit.
16. The discharges from this system shall meet state water quality standards as set forth in Chapter 17-3 and Rule 17-4.242 for class waters equivalent to the receiving waters.
17. Any water discharged from the site during construction of the project shall meet State water quality standards at the property boundary or point of discharge to wetlands or State waters. If the discharge does not meet these standards, the discharge will be immediately stopped and the District shall be notified of corrective action taken to correct the violation. Turbidity shall not exceed 29 N.T.U. above background level. Turbidity shall be monitored at least daily during discharge, or more often as determined by the project engineer if needed, to ensure compliance.
18. The Permittee and construction representatives shall assure that erosion and sediment control measures as necessary and as required by Rule 40D-4.091 shall be effectively implemented continuously from beginning of project construction until completion to prevent erosion and transport and discharge of sediment to wetlands or any property other than the project area. Project detention/retention ponds and discharge control structures which are to be constructed as part of the project shall be initially built and maintained continuously during project construction to avoid adverse impact to receiving waters or off site.
19. Except as authorized by this Permit, any further land development, wetlands disturbance or other construction within the total land area of this site will require additional permitting in accordance with Chapters 40D-4 and 40D-40, F.A.C.
20. All rights-of-way and easement locations necessary to construct, operate and maintain all facilities, including uplands conservation/buffer areas and wetlands, which constitute the permitted surface water management system shall be reserved for water management purposes. Prior to site occupancy the reserved areas shall be shown on any final subdivision plat and recorded in the county public records as special use areas for dedication to the responsible operation and maintenance entity.
21. Construction of the discharge control and water quality treatment facilities which are part of the permitted surface water management system shall be completed and operational prior to beneficial occupancy and use of the project development being served.
22. Establishment and survival of littoral areas provided for stormwater quality treatment in wet detention systems shall be assured by proper and continuing maintenance procedures designed to promote viable wetlands

plant growth of natural diversity and character. Certified as-built drawings depicting the established wet detention treatment areas shall be submitted to the District for inspection and approval upon completion of construction. Following as-built approval, perpetual maintenance shall be provided for the permitted system.

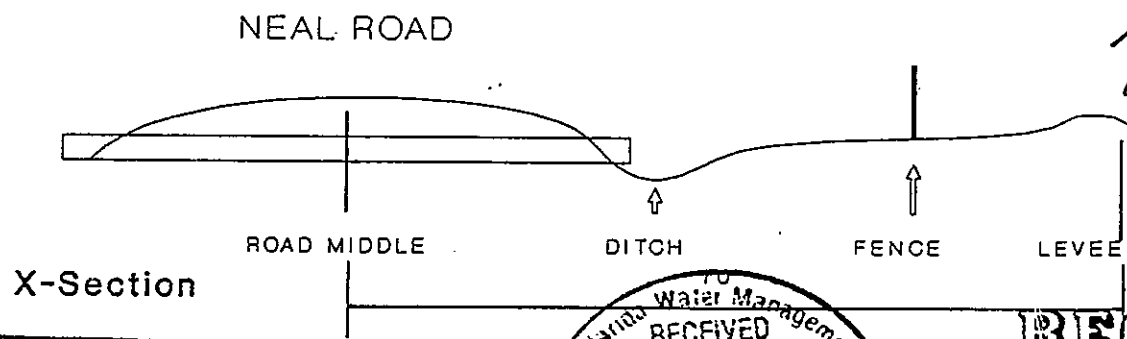
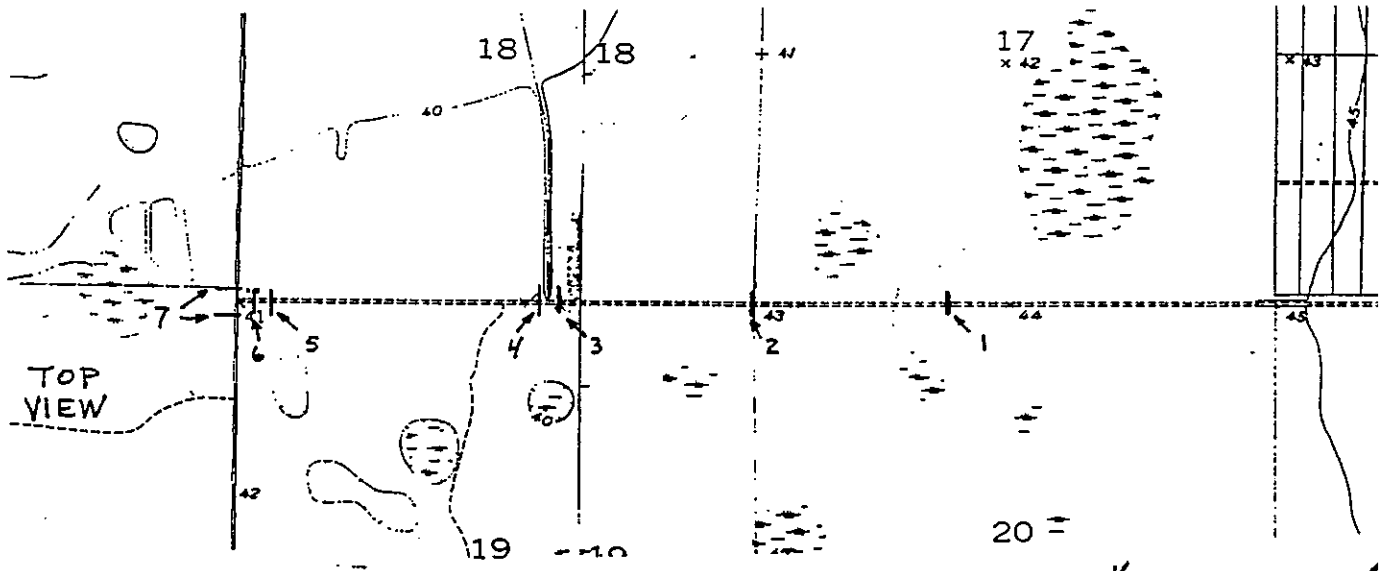
23. Any existing wells in the path of construction shall be properly plugged and abandoned by a licensed water well contractor in accordance with Chapter 40D-3 and Rule 17-21.10(4), F.A.C.
24. Any existing septic tanks on this site shall be abandoned at the beginning of the project construction in accordance with Rule 10D-6.53, F.A.C.
25. Any existing fuel storage tanks and fuel pumps on this site shall be removed at the beginning of project construction in accordance with Rule 17-61.05(3)(c), F.A.C.
26. All retention/detention pond side slopes, except over filter media, shall be sodded, and staked as necessary, to prevent erosion. Filter media surfaces shall also be stabilized to prevent erosion, but in a manner that does not restrict infiltration.
27. By issuance of this permit the District, its employees and representatives assume no responsibility and/or liability in regard to either the design, construction or performance of the permitted facilities.
28. Any system alteration, including for augmentation into or withdrawal of water from the permitted system, other than as specifically authorized by this permit will require additional District permitting consideration. The water level of retention and detention ponds shall not be augmented by pumping or diversion of water into the ponds to artificially control their level above the design normal or beginning storage level. Wells and diversion facilities for such augmentation may require water use permitting according to Chapter 40D-2, F.A.C.
29. Information and reports required to be submitted by this permit shall be submitted to:

Permits Data Section
Southwest Florida Water Management District
2379 Broad Street
Brooksville, Florida 34609-6899
30. Construction of all water management facilities, including wetlands compensation, grading, mulching, planting of mitigation areas, etc. must be completed prior to beneficial occupancy of the project or operation of the surface water management system.
31. The excavation of retention/detention ponds is limited to the permitted design elevation(s).
32. The Permittee shall notify the District within 30 days of the sale or transfer of ownership of land on which a surface water management system will be or is located, and request transfer of the permit to the new owner. A surface water management permit to construct or alter a system can be transferred if the new Permittee agrees to the transfer and the permit has not expired. The District can transfer the operation phase permit provided the project has been properly completed, the new Permittee meets the rule requirements for operation and maintenance entities and the land use remains the same.

CULVERT #	DIAMETER (FT)	LENGTH (FT)	INVERT ELEVATION (FT NGVD)
1	2.5	50	42.9
2	2.5	50	41.7
3	2.5	35	41.6
4	2.5	35	42.0
5	2.0	40	40.6
6	2.5	50	41.0
7	2.0	132	40.1

NEW
 NEW
 EXISTING
 EXISTING
 EXISTING
 NEW
 EXISTING

SOUTHWEST FLORIDA WATER
 MANAGEMENT DISTRICT
 PERMITTED CONSTRUCTION
 DRAWINGS
MAR 6/2/94



INSPECTION CONDUCTED BY DISTRICT
 INSPECTION NOT CONDUCTED BY DISTRICT
 RIGHT RESERVED FOR FUTURE INSPECTION
 hwy 31

RECEIVED
 MAR 7 1994
 Section 18
 PROCESSING & RECORDS
 Brooksville, Florida

RECEIVED

MAR 4 1994

Southwest Florida
 Water Management District
 RRD - VENICE

RECEIVED

ECDD-NEAL ROAD-CONSTRUCTION DRAWINGS

NOV 2 1994

Southwest Florida
 Water Management District
 RRD - VENICE