

ADDENDUM #1

Magnolia Lane (#3124A) Drainage Improvements
Project No. 2017-02
Bid No. 17-0806

This addendum is being issued to make the following changes, corrections, clarifications and additions to the bidding document. The information in this addendum modifies and changes the original bidding documents and takes precedence over the original documents. **Receipt of this addendum shall be acknowledged by the bidder by signing and dating the appropriate line on page W-4 of the bid proposal.** Failure to acknowledge this addendum may preclude consideration of the bid proposal for award.

Please note: The bid opening date has been moved to 10:00 a.m., January 5, 2017.

A non-mandatory pre-bid meeting for the referenced project was held at 9:00 a.m. on December 1, 2016, in the Solid Waste Administration conference room. The following were in attendance:

Name	Company	Phone Number	Email Address
Andy Walker	CW Roberts Contracting	(352) 330-2540	awalker@cwrcontracting.com
Kathryn Barnes	D.A.B. Constructors	(352) 447-5488	kathrynb@dabcon.com
Laurie Henderson	J Malever Construction	(352) 429-9507	tomsmithjmc@embarqmail.com
Nick Mcray	Lake County Public Works	(352) 253-9080	nmcray@lakecountyfl.gov
Alan Kirkland	Lake County Public Works	(352) 253-6043	akirkland@lakecountyfl.gov
Joe Hinton	Lake County Public Works	(352) 516-7712	Jhinton@lakecountyfl.gov
Terry Scott	Lake County Public Works	(352) 253-9024	jscott@lakecountyfl.gov
Charlie Kent	Lake County Public Works	(352) 787-0074	ckent@lakecountyfl.gov
Heath McArdle	Lake County Public Works	(352) 253-9023	hmcardle@lakecountyfl.gov
Deb Marchese	Lake County Public Works	(353) 253-6007	dmarchese@lakecountyfl.gov

This project is located on the south side of Lake Harris in the Springs Bath and Yacht Club subdivision in the Yalaha area. The project consists of installing approximately 1,100 LF of piped stormwater conveyance and twelve (12) inlets. Discharge will be through a next generation baffle box with media filtration to an existing outfall point which will be reconstructed as part of the work. Construction will be within existing residential street right of way. Engineer's estimate is \$417,125.00.

Work performed under this contract shall be based on a lump sum bid. Quantities, if shown in the construction plans, are estimated for bidding purposes only and shall be verified by the contractor.

Pay special attention to all notes shown in the construction plans.

Any fences to be relocated shall be moved to the right of way line. If there is an existing gate at a driveway, then match the width of the driveway to the width of the gate. Contractor shall coordinate any fence relocation with the property owner.

All millings shall remain the property of Lake County. The Contractor shall bid to haul the millings to the Road Operations Center located at 12901 County Landfill Road, Tavares, FL. Millings shall not be stockpiled on the project site. Contractor shall utilize the additional lines on the bid tabulation sheet on page W-3 to add the cost for this milling.

Contractor shall video the project limits prior to beginning construction. The video shall be in DVD format and provided to Lake County before construction begins. Detail should be given to all existing fence lines, driveways, hedge lines, etc., to document existing conditions prior to construction.

Bid to sod all disturbed areas matching all existing grass types. Contractor shall be responsible for watering all sod until there is established growth.

All utilities shown in the construction plans to be relocated shall be the responsibility of the utility provider to relocate. Contractor is responsible for the coordination of all utility relocation.

Contractor shall provide two sets of redline as-builts upon completion of the project that show all structure locations, invert elevations, and pipe locations. The as-builts must be signed and sealed by a professional engineer or surveyor, licensed to do business in the State of Florida.

No oral interpretations will be made to any bidder as to the meaning of the Specifications, or any other Contract Documents. Every request for such an interpretation must be in writing, and shall be received by the Office of Procurement Services not less than ten (10) calendar days prior to the date set for opening of bids. Every interpretation made to a bidder will be made by an addendum to the Contract Documents, which, when issued, will be sent as promptly as is practicable to all persons to whom the Specifications have been issued by the County. All such addenda shall become part of the Contract Documents. No substitution of any kind or riders of any nature to the bids will be considered except by the above described method. For purposes of this Contract the term "Interpretations" shall include the approval of product substitution. All requests for interpretation shall be submitted to Cathy Vanatta, Procurement Services Supervisor, at cvanatta@lakecountyfl.gov and copied to Deb Marchese, Construction Program Specialist, at dmarchese@lakecountyfl.gov.

Each Contractor shall visit the site of the proposed work and fully acquaint himself with conditions relating to construction and labor so that he may fully understand the facilities, difficulties and restrictions attending the execution of work under the contract.

Lake County has negotiated a right of entry agreement with the property located at the southeast corner of Magnolia Lane and North Canal Drive. The right of entry agreement will allow temporary access to a portion of the property for grading purposes. Contractor shall bid to accommodate the following conditions of the right of entry agreement:

1. Contractor shall restore any irrigation impacted by the construction. Replacement parts shall be like kind.
2. Contractor shall submit for approval of rip-rap prior to installation.

3. Structure D-13 to be an inlet with appropriate grading.
4. Sod to match all existing grass types. If no grass currently, replacement sod will be Bahia.
5. Contractor shall attempt to save existing palm tree unless field conditions and safety concerns prohibit. There will not be a replacement tree provided if tree has to be removed.
6. Contractor shall relocate hedge or replace with like species and size at R/W line as part of restoration.
7. Contractor shall restore right of way and any private property impacted by construction to pre-construction condition.
8. Contractor shall coordinate maintenance of garage access/parking during work with property owner.

Attached is a complete new set of construction plans for the project, which reflect all changes. These changes will be highlighted and clouded.

A six (6) inch asbestos water main has been identified within the project limits. The water main will be crossed in two locations, near structures D-3 and D-5A. The updated plans include the six inch water main, and profile sheets have been included to indicate the location of the asbestos water main. The proposed structures, D-3 and D-5A, located near the water main, will need to be larger and deeper to miss the water main.

Utility Technicians, 352-669-5886, maintains the water system for the HOA. Lake County will attempt to have a person from Utility Technicians on site while the contractor is working near the asbestos water main.

Questions asked at the Pre-Bid Meeting:

Q1: Will the water main line be shut down when the Contractor is running pipe under it?

A1: Contractor shall coordinate with the Homeowner's Association and Utility Technicians to schedule any shutting down of the water main line.

Q2: Can Contractor utilize alternative pipe? Other than RCP?

A2: Contractor shall bid to install RCP pipe only.

Q3: Can the bid opening be moved to January 5, 2017?

A3: The bid opening has been moved to January 5, 2017.


Heath McArdle, Construction Inspector II

12/08/16
Date



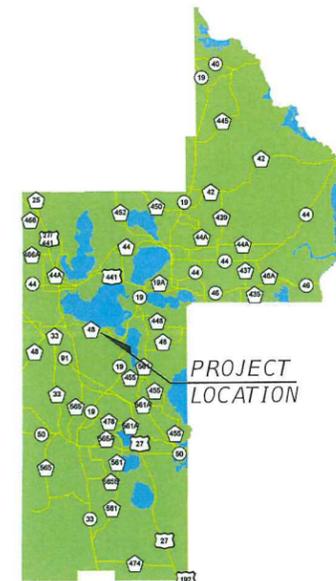
LAKE COUNTY

FLORIDA

MAGNOLIA LANE DRAINAGE IMPROVEMENTS

STA16001

SEPTEMBER 2016

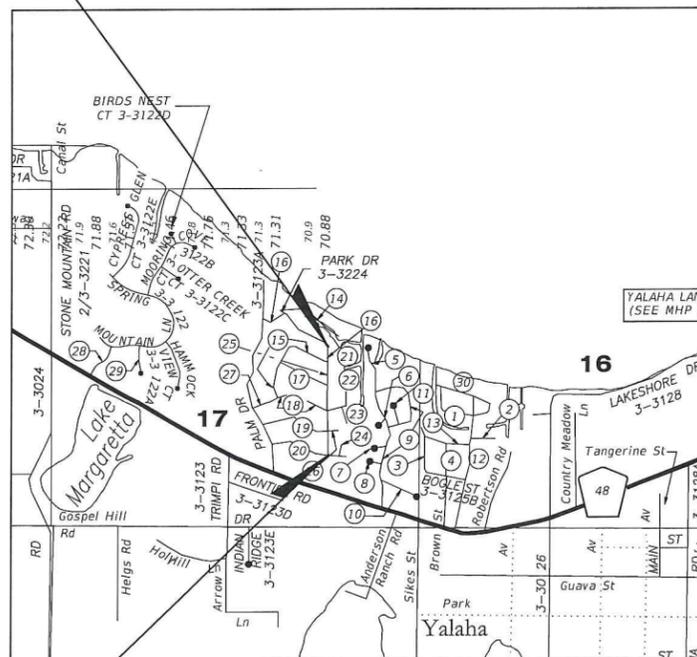


VICINITY MAP
SEC. 17 , TWP. 20 S, RNG. 25 E

SHEET INDEX

NO.	DESCRIPTION
C1	COVER SHEET
C3 - 4	GENERAL NOTES
C5 - 7	PLAN & PROFILE
C-8-9	TYPICAL DETAILS

END PROJECT
STA 23+00.00



BEGIN PROJECT
STA 10+00.00

LOCATION MAP



GOVERNING DESIGN STANDARDS:
Florida Department of Transportation, FY2016-17 Design Standards eBook (DSeB) and applicable Design Standards Revisions (DSRs) at the following website: <http://www.dot.state.fl.us/rddesign/DesignStandards/Standards.shtm>

APPLICABLE DSRs:

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, JAN, 2017 Standard Specifications for Road and Bridge Construction at the following website: <http://www.dot.state.fl.us/programmanagement/Implemented/SpecBooks>

PROJECT LENGTH IS BASED ON CL OF CONSTRUCTION

LENGTH OF PROJECT			KEY SHEET REVISIONS		
	LINEAR FEET	MILES	DATE	BY	DESCRIPTION
ROADWAY	000	0.000			
BRIDGES SIDEWALKS	0	0.000			
NET LENGTH OF PROJECT	000	0.000			
EXCEPTIONS	0	0.000			
GROSS LENGTH OF PROJECT	1,500	0.284			

LAKE COUNTY PROJECT MANAGER: NICHOLAS MCRAY

LAKE COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
350 N. SINCLAIR AVE.
TAVARES, FLORIDA 32778
(352) 253-9000

ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN ALTERED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALE DATA.

ENGINEER OF RECORD:

ALAN W. KIRKLAND
LICENSE NO. 61329
STATE OF FLORIDA
PROFESSIONAL ENGINEER

DATE

REVISION:	DATE
△ REVISE STRUCTURES / EP WATERLINE LOCATES	

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SHEET:	C-1

SIGNATURE	8/15/16
Alan W. Kirkland	

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
LAKE COUNTY
FLORIDA
350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

Know what's below.
Call before you dig.
SUNSHINE STATE ONE CALL OF FLORIDA



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EROSION AND SEDIMENT CONTROL

- A. ALL INLETS, MITERED END SECTIONS, AND END WALLS SHALL BE PROTECTED WITH SOD (5' OF SOD IN ALL DIRECTIONS) PER F.D.O.T. DESIGN STANDARDS INDEX NO. 104, INDEX 281, AND AS SHOWN ON THE CONSTRUCTION PLANS.
- B. THE LOCATION OF THE MINIMUM REQUIRED EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS SILT FENCES AND TURBIDITY BARRIERS, ARE SUMMARIZED ON THE PLAN SHEETS. SEE SHEET C-5 FOR TYPICAL INSTALLATION DETAILS.
- C. SOIL TRACKING PREVENTION DEVICES SHALL BE CONSTRUCTED AT POINTS OF EGRESS FROM UNSTABLE AREAS OF THE PROJECT TO ROADS WHERE OFF SITE TRACKING OF MATERIAL COULD OCCUR. SEE SHEET C-5 FOR DETAILS.
- D. SOD SHALL BE PLACED IMMEDIATELY AROUND NEW MITERED END SECTIONS AND AREAS SUBJECT TO EROSION PER FDOT INDEX 281.
- E. ALL DISTURBED AREAS SHALL BE SODDED, UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE FOR WATERING AND MAINTAINING SOD UNTIL FULLY ESTABLISHED AND AS ADDITIONALLY SHOWN ON THE CONSTRUCTION PLANS.
- F. SOD SHALL BE REPLACED WITH ORIGINAL TYPE ON ALL RESIDENTIAL LOTS AND AS SHOWN ON PLANS.
- G. CONTRACTOR SHALL DE-SILT ALL DRAINS, PIPES AND SWALES WITHIN PROJECT BOUNDARY AT COMPLETION OF CONSTRUCTION.
- H. THE CONTRACTOR SHALL OBTAIN AN NPDES STORMWATER PERMIT PRIOR TO CONSTRUCTION.
- I. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE IN WRITING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) TO THE COUNTY FOR APPROVAL PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES.
- J. EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLAN SHEETS SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION AND ARE THE MINIMUM REQUIRED. ADDITIONAL CONTROLS SHALL BE FURNISHED AS NEEDED AT NO ADDITIONAL COST. MATERIALS FROM WORK ON THESE PROJECTS SHALL BE CONTAINED AND NOT ALLOWED TO COLLECT ON ANY OFF PERIMETER AREAS OR IN WATERWAYS. SILT FENCES, TURBIDITY BARRIERS, AND OTHER ESSENTIAL EROSION CONTROL MEASURES MUST REMAIN IN PLACE AND IN GOOD CONDITION AT ALL LOCATIONS IN THE CONSTRUCTION PLANS OR AS REQUIRED UNTIL SOILS ARE STABILIZED, VEGETATION HAS BEEN ESTABLISHED AND THE CONTRACT IS COMPLETE. MEASURES SHOWN ARE THE MINIMUM REQUIRED, AND THE CONTRACTOR SHALL ENSURE THAT THERE IS NO DIRECT OR INDIRECT DISCHARGE OF CONSTRUCTION MATERIALS INTO OFF SITE AREAS OR WATERWAYS ETC.. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED AT THE COMPLETION OF CONSTRUCTION.
- K. PEGGED SOD SHALL BE PLACED ON ALL SLOPES 3:1 OR STEEPER.

UTILITIES

- A. THE UTILITIES SHOWN IN THE CONSTRUCTION PLANS MAY NOT BE ALL OF THE UTILITIES ON SITE. UNLESS OTHERWISE NOTED, THE LOCATION OF UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. CALL SUNSHINE STATE 1-CALL OF FLORIDA, INC. @ 1-800-432-4770 TO CONFIRM UTILITY LOCATIONS.
- B. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITIES PRIOR TO CONSTRUCTION AND COORDINATING UTILITY RELOCATION WITH THE PROJECT CONSTRUCTION.
- C. ONLY THOSE UTILITIES SHOWN HEREON THAT WERE VISIBLE AT THE TIME OF THE SURVEY WERE LOCATED. NO ATTEMPT WAS MADE TO LOCATE UNDERGROUND UTILITIES. AN ASCE QUALITY A OR B DESIGNATION WILL BE NECESSARY BEFORE ANY ONSITE WORK TAKES PLACE. CONTACT SUNSHINE ONE CALL AT 811 FOR FURTHER INFORMATION.

TREES AND LANDSCAPING

- A. ALL TREES ARE TO REMAIN UNLESS OTHERWISE NOTED IN THE PLANS.
- B. CONTRACTOR SHALL REPLACE LANDSCAPING THAT IS REMOVED OR DESTROYED WITHIN THE LIMITS OF CONSTRUCTION.
- C. TREES SHALL BE TRIMMED TO RIGHT-OF-WAY LINE OR WITHIN 8' OF EOP TO A HEIGHT OF 18', WHICHEVER IS LESS.

DRIVEWAYS

- A. DRIVEWAYS SHALL BE PAVED WITHIN THE RIGHT-OF-WAY.
- B. SINGLE RESIDENTIAL DRIVES SHALL MATCH EXISTING WIDTH AND BE A MINIMUM OF 10.0' WIDE WITH AN 8.0' RADIUS FOR ASPHALT OR 4' x 8' WEDGE FOR CONCRETE.
- C. DRIVEWAYS SHALL NOT EXCEED 14% SLOPE.
- D. CONCRETE APRONS SHALL BE CONSTRUCTED AT EXISTING CONCRETE DRIVEWAYS. CONCRETE SHALL BE A MINIMUM OF SIX (6) INCHES THICK, 3,000 P.S.I. WITH 6 x 6 10/10 WOVEN WIRE MESH.
- E. DRIVEWAY LOCATIONS AND WIDTHS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER OF RECORD.

SURVEY

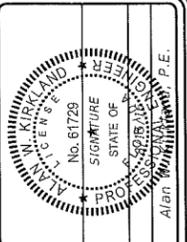
- A. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL CONTROL AND BENCHMARK DATA BEFORE CONSTRUCTION. DISCREPANCIES IN DATA SHALL BE BROUGHT TO THE ATTENTION OF THE LAKE COUNTY SURVEY MANAGER AT (352) 483-9085.
- B. ALL (P.R.M.'s) IRONS AND MONUMENTS SHOWN ON PLANS, OR FOUND, SHALL BE PRESERVED. THOSE SHOWN IN PROPOSED PAVEMENT SHALL BE PROTECTED WITH A CAST IRON VALVE BOX.
- C. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED THE COUNTY SURVEYOR SHALL BE IMMEDIATELY NOTIFIED.
- D. CONTRACTOR IS TO PROVIDE TWO (2) SETS OF HARD COPY AS-BUILTS AND ONE ELECTRONIC FILE. THE AS-BUILTS SHALL SHOW DRAINAGE INFORMATION AS WELL AS EDGE OF PAVEMENT SHOTS FOR THE ROADWAY.

TRAFFIC CONTROLS

- A. EXISTING STREETS AND DRIVEWAYS SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS.
- B. CONTRACTOR SHALL SUBMIT DETAILED MAINTENANCE OF TRAFFIC PLANS FOR REVIEW AND APPROVAL. ALL ROADS SHALL BE OPEN TO TRAFFIC WITH NO PERMANENT LANE CLOSURES ALLOWED. CONTRACTOR SHALL CONFORM TO THE LATEST EDITIONS OF MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX 600 - 660 AS APPLICABLE.
- C. ANY TEMPORARY ROAD CLOSURE REQUIRES AUTHORIZATION REQUEST MADE TO LAKE COUNTY ROAD OPERATIONS AT (352) 742-0478 AND WITH AT LEAST THREE (3) DAYS NOTICE PRIOR TO CLOSURE. CONTRACTOR MUST SUPPLY A DETOUR PLAN WHEN REQUESTING CLOSURE. NO CLOSURE SHALL TAKE PLACE WITHOUT APPROVAL OF THE DETOUR PLAN. CONTRACTOR SHALL SUPPLY ALL SIGNAGE ASSOCIATED WITH CLOSURE AND DETOUR.
- D. IF EXISTING VEHICLE DETECTION LOOPS ARE DAMAGED DURING CONSTRUCTION, CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN TEMPORARY DETECTION LOOPS.

DRAINAGE

- A. ALL CURB INLETS, DITCH BOTTOM INLETS, AND MANHOLES WITHIN THE RIGHT-OF-WAY SHALL HAVE TRAFFIC BEARING FRAMES AND COVERS OR GRATES MEETING HS-20 LOADING REQUIREMENTS.
- B. UNLESS OTHERWISE NOTED, ALL EXISTING DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION ARE TO REMAIN.
- C. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONSTRUCT ALL PIPES, PIPE END TREATMENTS, AND DRAINAGE STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION IN A DRY CONDITION OR AS APPROVED BY THE DIRECTOR OF ENGINEERING.
- D. CONSTRUCT ALL MITERED END SECTIONS PER F.D.O.T. DESIGN STANDARDS INDEX No. 272 FOR CROSS PIPES AND SIDE PIPES.



DATE	REVISION

DATE	REVISION

MAGNOLIA LANE
DRAINAGE IMPROVEMENTS
GENERAL NOTES

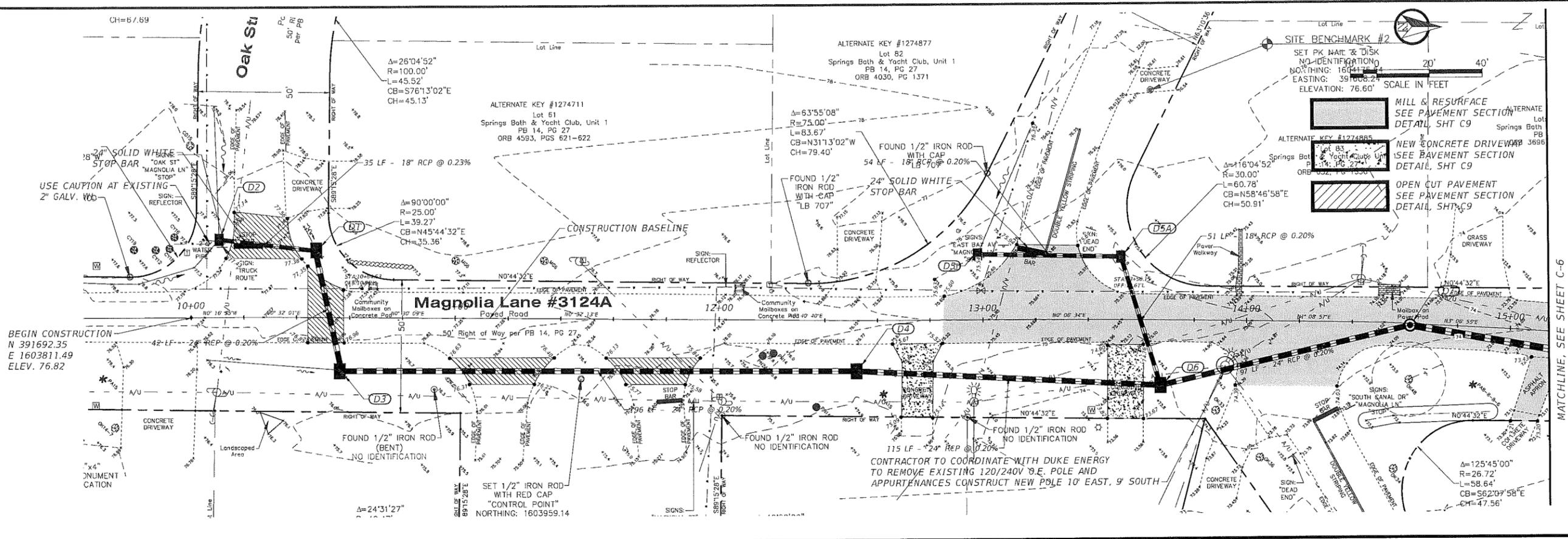
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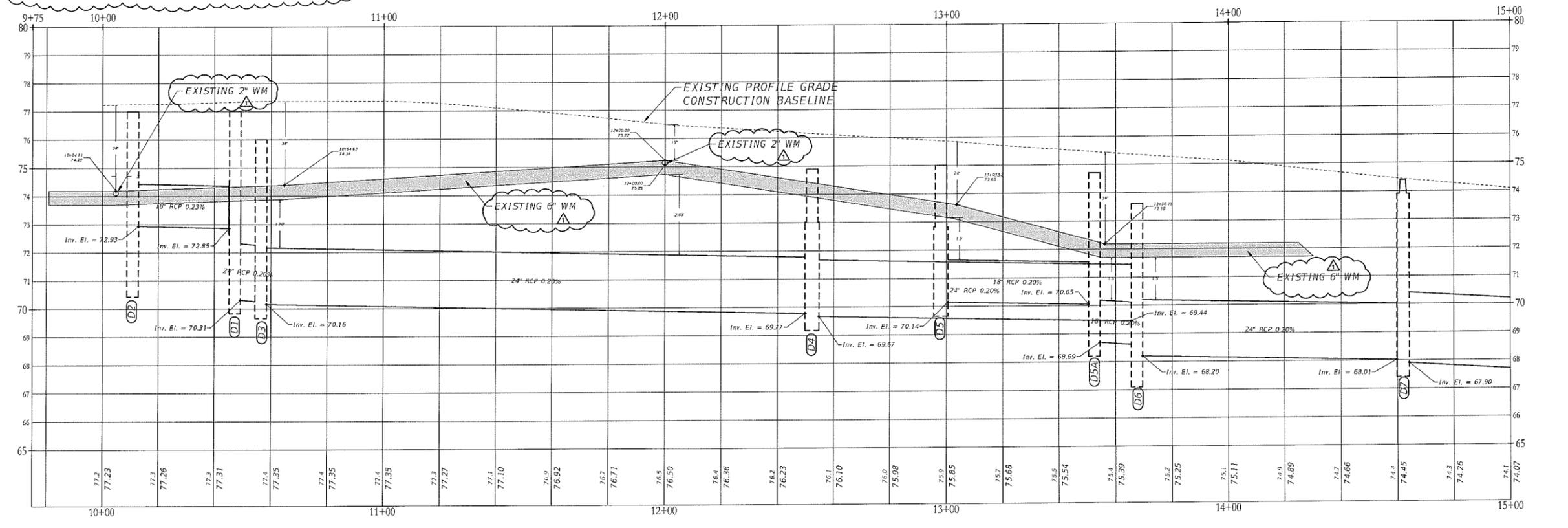
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MATCHLINE, SEE SHEET C-6

* ADDED EXISTING 6" AND 2" WATERLINES PER UTILITY LOCATES



DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

350 N. SINGLAIER AVE., TAVARES, FLORIDA 32778

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MAGNOLIA LANE

DRAINAGE IMPROVEMENTS

PLAN & PROFILE

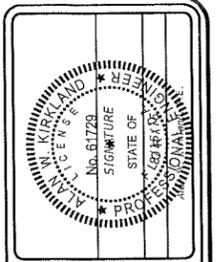
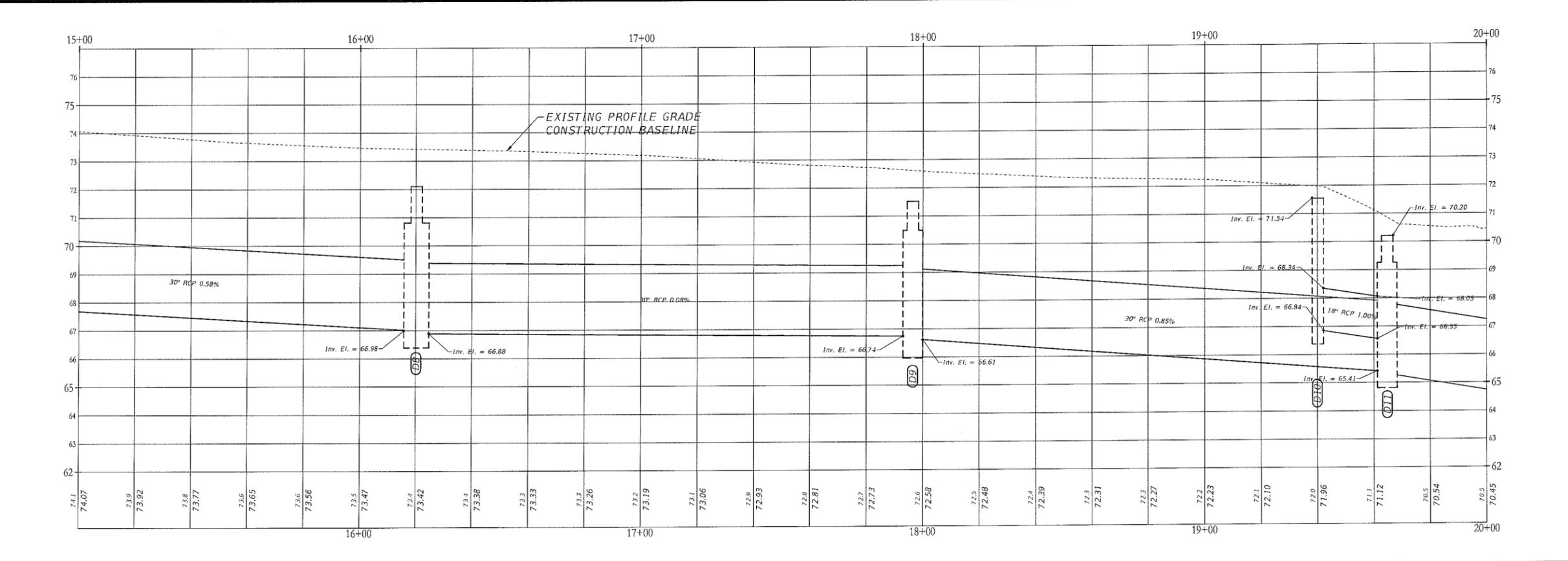
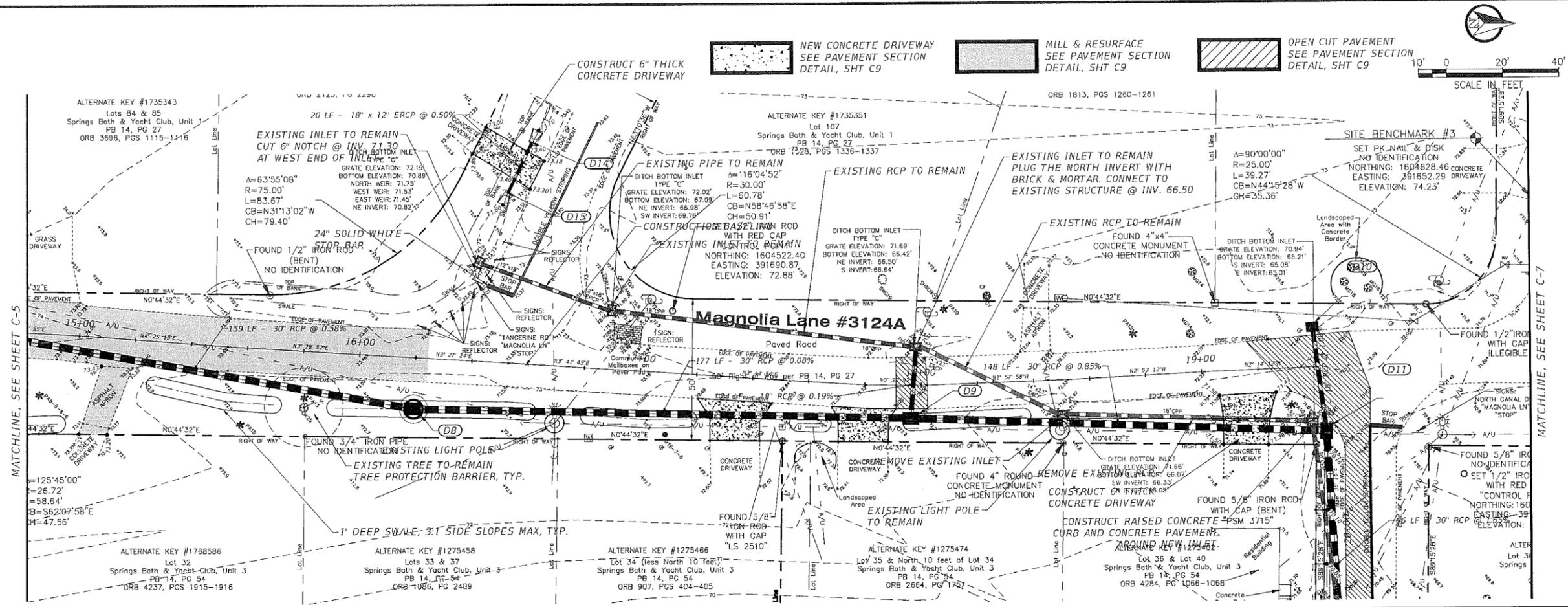
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DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

LAKE COUNTY
FLORIDA

350 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

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MAGNOLIA LANE
DRAINAGE IMPROVEMENTS
PLAN & PROFILE

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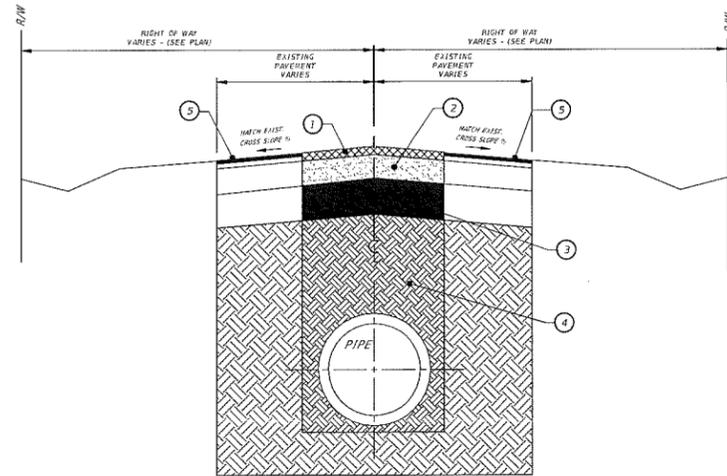
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TYPICAL SECTION FOR MILLING AND RESURFACING



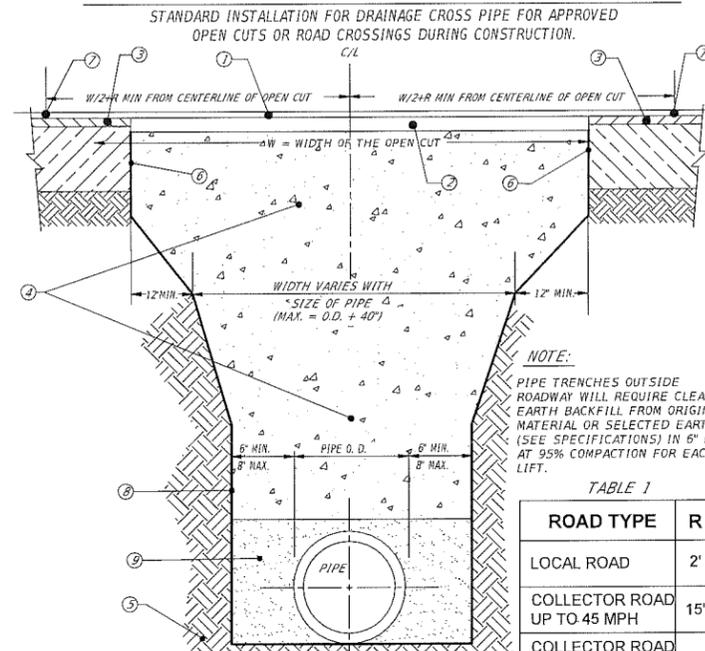
KEY:

- 1. 1" MIN. TYPE FC-9.5 ASPHALT.
- 2. 6" LIMEROCK IN 2 LIFTS - 98% COMPACTION EACH LIFT, A.A.S.H.T.O. T-180, PRIMED & SANDED.
- 3. 12" TYPE B STABILIZED SUBGRADE MIN. LBR 40, 98% COMPACTION, A.A.S.H.T.O. T-180.
- 4. CLEAN EARTH BACKFILL FROM ORIGINAL MATERIAL OR SELECTED EARTH (PER FDOT INDEX 505) FLUSH WITH TOP OF PIPE, IN 6" LIFTS TO 98% COMPACTION EACH LIFT IN EACH LANE.
- 5. MILL AND REPLACE WITH 1" TYPE FC-9.5 ASPHALT

SEE PLANS FOR MILL AND RESURFACE LOCATIONS

- 1. STA 12+83.00 TO STA 16+25.00
- 2. STA 19+49.00 TO STA 20+90.00

OPEN CUT DETAIL FOR COUNTY ROADS



NOTE:
PIPE TRENCHES OUTSIDE ROADWAY WILL REQUIRE CLEAN EARTH BACKFILL FROM ORIGINAL MATERIAL OR SELECTED EARTH (SEE SPECIFICATIONS) IN 6" LIFTS AT 95% COMPACTION FOR EACH LIFT.

TABLE 1

ROAD TYPE	R
LOCAL ROAD	2'
COLLECTOR ROAD UP TO 45 MPH	15'
COLLECTOR ROAD GREATER THAN 45 MPH	25'

OPEN CUT NOTES

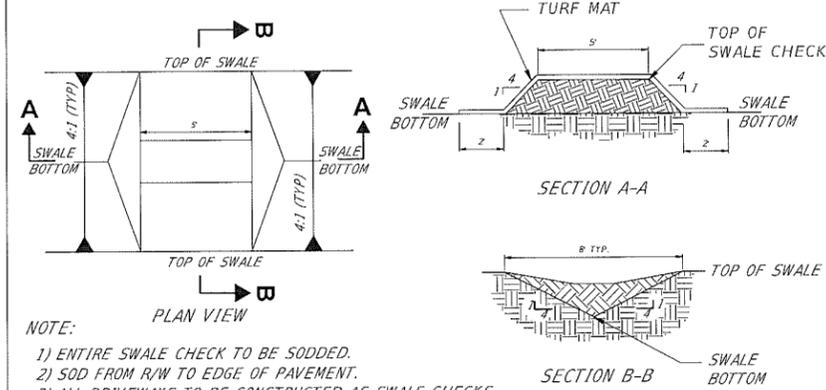
1. 1" MIN. SP-9.5 OR FC-9.5 OVERLAY, MIN OF "R" FROM TABLE 1 EACH WAY FROM C/L OF PIPE, MATCHING EXISTING ASPHALT GRADE AND TO SUIT THE COUNTY ENGINEER.
2. 2" ASPHALTIC CONCRETE STRUCTURAL COURSE.
3. EXISTING ASPHALT.
4. FLOWABLE FILL (EXCAVATABLE) MAX. 100 PSI.
5. UNDISTURBED EARTH.
6. EXISTING SURFACE AND BASE TO BE SAW CUT SQUARE.
7. SURFACE JOINT.
8. TRENCH WALL.
9. CLEAN EARTH BACKFILL FROM ORIGINAL MATERIAL OR SELECTED EARTH (PER FDOT INDEX 505) FLUSH WITH TOP OF PIPE, IN 6" LIFTS TO 98% COMPACTION EACH LIFT IN EACH LANE.

OPEN CUTS ARE NOT ALLOWED UNLESS SPECIFICALLY AUTHORIZED BY LAKE COUNTY PUBLIC WORKS DEPARTMENT

SEE PLANS FOR OPEN CUT LOCATIONS

- 1. STA 10+10.00 TO STA 10+47.00
- 2. STA 10+52.00 TO STA 10+97.00
- 3. STA 12+97.00 TO STA 13+52.00
- 4. STA 13+60
- 5. STA 17+97
- 6. STA 19+27

SWALE CHECK TYPICAL

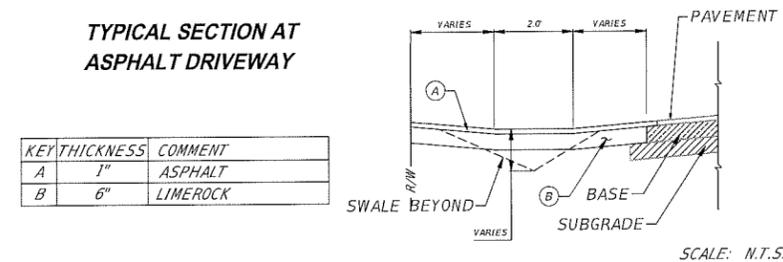


NOTE:

- 1) ENTIRE SWALE CHECK TO BE SODDED.
- 2) SOD FROM R/W TO EDGE OF PAVEMENT.
- 3) ALL DRIVEWAYS TO BE CONSTRUCTED AS SWALE CHECKS. SEE ASPHALT DRIVEWAY TYPICAL SECTION.
- 4) ADD NORTH AMERICAN GREENS TURF REINFORCEMENT MAT SC250 OR EQUIVALENT TO SWALE CHECK BEFORE SODDING

SCALE: N.T.S.

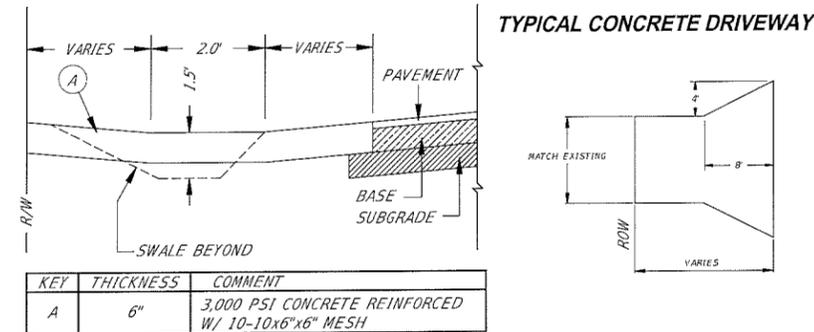
TYPICAL SECTION AT ASPHALT DRIVEWAY



KEY	THICKNESS	COMMENT
A	1"	ASPHALT
B	6"	LIMEROCK

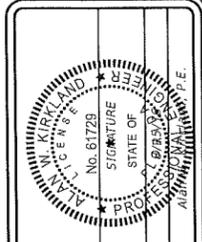
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TYPICAL SECTION AT CONCRETE DRIVEWAY



KEY	THICKNESS	COMMENT
A	6"	3,000 PSI CONCRETE REINFORCED W/ 10-10x6"x6" MESH

SCALE: N.T.S.



DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
LAKE COUNTY
FLORIDA
380 N. SINCLAIR AVE., TAVARES, FLORIDA 32778

REVISION:	DATE:

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MAGNOLIA LANE
DRAINAGE IMPROVEMENTS
TYPICAL DETAILS

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