

**Indian River County
Purchasing Division
1800 27th Street
Vero Beach, FL 32960
Phone (772) 226-1416**



ADDENDUM NO. 1

Date: March 13, 2023

Project Name: 66TH AVENUE ROADWAY WIDENING (69TH STREET TO CR510/ 85TH STREET),
FDOT FM No.: 436379-2-54-01 (TRIP)

Bid Number: 2023016

Bid Opening Date: Wednesday, April 5, 2023 at 2:00 PM.

This addendum is released to provide the Pre-Bid meeting minutes, provide answers to questions from bidders received to date. All information provided herein is hereby incorporated into the bid documents.

The following questions have been received:

- Question 1. Will CADD files be made available for this project?
Answer 1. CADD files are posted with Addendum 1.
- Question 2. Will the northern portion of 66th Ave be able to be closed to make it tie in? If not, will a temporary road need to be built?
Answer 2. 66th Avenue will not be allowed to be closed. It is a requirement to keep 2 lanes (one lane in each direction) of 66th Ave maintained at all times.
- Question 3. Can a new variation of plans be issued showing the existing E.P. lines? They're not legible on this set?
Answer 3. CADD files are included with Addendum 1 and the EP layer can be viewed in the survey file. A new set of plans showing the EP will not be issued.
- Question 4. Will densified concrete be accepted in lieu of rip rap?
Answer 4. Broken concrete as specified in the FDOT Specifications for Rip Rap can be used in lieu of Rip Rap.
- Question 5. Pending FPL's response to their anticipated work schedule and the vacancy to the Ford's residence, will there be an extension granted to the bid date?
Answer 5. There is no extension to the bid date expected.

The following questions have been received and we are working with the EOR of the Landscaping plans to provide answers. As soon as we have answers available we will issue another Addendum.

- Question There is not enough information to provide an accurate bid for the pump-station. Can you provide a pump-station details sheet and technical specifications?
- Question Per the Irrigation Legend. Details state: Hunter AVB Backflow Preventer. Can you provide a model and size required? Typically, the county requires all backflow to be brass in type, Hunter does not offer this.
- Question STA 432+00.00 States TIE TO EXISTING ISOLATION VALVE.
Is the irrigation contractor to connect to the existing wires in this location? If yes, what type of zone wire is to be connected? Conventional? 14 gauge or 12 gauge? Or is it two-wire? 14 gauge or 12 gauge?
Is the wire continuation to be installed inside conduit? If yes, what size conduit?
- Question Discrepancy – Can you confirm that the county wants a conventional controller as the plan states “ACC 18 station controller” at STA> 509+00.00? Or does ~~this city~~ (the County) want a two-wire plastic pedestal controller as the plan states “ACC DECODER PL PED” on the irrigation details page LD-41?
- Question What size sleeve for wire is to accompany the mainline sleeve across the roadways? (4 locations on the irrigation plans LD-28, LD-30, LD-33, and LD-35)

Attachments:

- Meeting Minutes from the Pre-Bid Meeting held on March 8, 2023, including Sign in Sheets
- SRID Permit 2022-03
- Updated Sheets “66th Avenue from 69th Street to SR-510/ 85th Street”, Sheets 2, 3, 9, 13 to 15, 22 to 25, 31, 51 to 53, 62 to 74, and 122.
- Stockpile Location Exhibit, Liberty Park, Ryall Acquisition Group, LLC
- Updated Bid Sheet, print and fillable excel
- CADD files

Disclaimer: Electronic roadway plans for the project are for assisting in bidding purposes only. These electronic files are non-certified recordings of printed documents prepared by Kimley Horn. These files are provided only for the convenience of the Receiving Party and are intended solely for the exclusive use by that party for the purposes expressly authorized. In accordance with the standard industry practice, only printed copies of documents conveyed by Indian River County may be relied upon. Any use of the information obtained or derived from these electronic files will be at the Receiving Party’s sole risk. Because data stored in electronic format can deteriorate or be modified inadvertently or otherwise without authorization of the data’s creator. Electronic CADD files are provided for informational purposes only and should not be considered as a replacement to the signed and sealed plans that have been issued for construction. Any use of the information contained within, or derived from these files is at the sole risk of the recipient.

*******This Addendum must be acknowledged with submittal package and/or by return of this Acknowledgement with your submittal package *******

Company Name _____

Name: _____ Title: _____
(Type / Printed)

Authorized Signature: _____ Date: _____

Telephone: _____ Email: _____



Board of County Commissioners

1801 27th Street
Vero Beach, Florida 32960-3365
Telephone: (772) 567-8000
Fax: (772) 778-9391

**PRE-BID MEETING
MEETING MINUTES
MARCH 8, 2023, 10:00 A.M.
INDIAN RIVER COUNTY ADMINISTRATION BUILDING
Room B1-501 Building B**

**Project: 66TH AVENUE ROADWAY WIDENING
(69TH STREET TO CR510/85TH STREET)**

The following meeting notes set forth our understanding of the discussions and decisions made at the subject meeting. If no objections, questions, additions, or comments are received within five (5) working days from issuance of the meeting notes, we will assume that our understandings are correct. The project will move forward according to the bid plans and specifications and the understandings herein.

Project Number: IRC-1505B
Bid Number: 2023016
FDOT FM No.: 436379-2-54-01 (TRIP)

INTRODUCTIONS / SIGN IN SHEET:

This was the **PRE-BID MEETING**; attendance at this conference by all bidders was **MANDATORY**. Bidders were to sign in before 10:00 A.M. to receive credit for attending. See attached Sign-In sheet for attendees.

PROJECT DESCRIPTION:

The proposed improvements will include widening and reconstruction of the existing roadway to a 4-lane divided roadway section within the project limits. Curb and gutter and a raised median will be provided. An 8-foot-wide concrete sidewalk will be specified on the west side of the roadway. Also included will be stormwater drainage improvements, pavement markings, traffic signals and landscape and irrigation improvements. This is an FDOT Transportation Regional Incentive Program (TRIP) funded project, FM No. 436379-2-54-01.

CONTRACT DETAILS

Bid opening: Wednesday, April 5, 2023 at 2:00 PM
Contract time: 540 days to substantial completion
570 days to final completion
Estimate: \$19,270,489.75 (includes a \$2,000,000.00 force account)
Liquidated Damages: \$4,698.00 per day (please note: amount per FDOT Standard Specifications for Road and Bridge Construction, dated 2016 and may update based on contract value)

CONTACTS BIDDING PROCESS

All communications concerning this bid shall be directed to Indian River County Purchasing Division at purchasing@ircgov.com.

PROJECT CONSULTANTS:

- Kimley Horn & Associates is the Design Consultant Engineer of Record.
- Construction Engineering Inspection will be performed by Consor, Inc.

UTILITIES

AT&T

Comcast Cable Communications, Inc.

Florida Power and Light, Co. – Distribution

Florida Power and Light, Co. – Transmission

Florida Gas Transmission Co.

City Gas Company of FL

Indian River Farms Water Control District

Sebastian River Water Control District

Indian River County Telecommunications

Indian River County Traffic Operations

Indian River County Utilities

- The list provides all known Utilities, the Contractor is required to notify Sunshine State “One Call” in advance of all construction.
- There will be substantial amounts of utility relocation required, specifically by FPL and ATT. It is the Contractor’s responsibility to coordinate with the utility owners and schedule utility relocations with the utility owners.

PROJECT REQUIREMENTS:

- **This is a FDOT TRIP funded project and Bidder must be prequalified with the Florida Department of Transportation for road and bridge construction contracts per Florida Law (Chapter 337.14 F.S.) and Rules of the State of Florida, Department of Transportation, (Chapter 14-22, F.A.C.)**
- **Bidder must be registered with and use, at their sole expense, the Department of Homeland Security’s E-Verify system (www.e-verify.gov) to confirm the employment eligibility of all newly hired employees, as required by Section 448.095, F.S..**
Owner, Contractor, and Subcontractors may not enter into a contract unless each party to the contract registers with and uses the E-Verify system. Contractor is responsible for obtaining proof of E-Verify registration for all Subcontractors. This requirement applies to any provider of services or goods. If bidder is not listed as a participating employer at the time of bid opening, the bid will be declared non-responsive.
- Submittals, RFI’s and Pay Apps will be submitted via e-Builder, the County’s cloud based shared file platform.
- Invoicing shall be submitted on monthly basis and must include Consent of Surety, all applicable release of liens, and all other documents as noted in the Contract Documents.
- Any change orders or revisions need to be submitted to FDOT for concurrence as well as time extensions and weather days. **Weather letters will be issued on a monthly basis.**
- Bidder’s to review Section 00200, Instructions to Bidders, Article 15 – “Submittal of Bid” for required documents to be included with the Bid.
- Project Datum is NGVD 29.
- This project will be a continuation of IRC-1505, which is currently under construction. The contract for IRC-1505 has a current end date of March 2024. The successful Bidder will need to coordinate with the IRC-1505 team, specifically any lane closures and MOT requirements at the project connection north of 69th Street.

OTHER ISSUES

- Review and comment with questions and clarifications as soon as possible, no further comments 10 days prior to bid opening (deadline for questions is Monday, March 27, 2023).
- NTP is expected to be issued in June 2023.
- All testing will be performed per FDOT specifications. (Verification Testing will be provided by our CEI consultant, Consor). The Contractor is required to perform all QA/QC testing in coordination with the CEI team.
- Maintenance of Traffic:
 - Contractor shall submit a Maintenance of Traffic Plan to the Indian River County, Engineering Division for approval and allow 14 days for review.
 - The Maintenance of Traffic Plan shall meet the requirements set forth in the MUTCD & FDOT Index 600, FY2022-2023 Edition and shall be signed and sealed by a Florida PE.
 - 1 lane of traffic in each direction on 66th Avenue shall be maintained at all times.
 - Access for school, businesses and residences, school buses, sanitation & US Postal Service must be maintained at all times. Note – Liberty Magnet school has only access from 66th Ave.
 - Detour routes must be developed and signed by a Professional Engineer and approved by the County.
- Work Hours are Monday through Friday 7:00AM to 5:00PM.
- Successful Bidder will be requested to prepare a Hurricane contingency plan which will need to be approved by the County and FDOT before start of construction.
- Landscape and Irrigation Pay Items are generally Lump Sum; however, a few unit prices are required.
- The County obtained the following permits for the project:
 - Indian River Farms Water Control District– Permit No.: 23-09
 - Sebastian River Improvement District – Permit No.: 2022-03
 - St. Johns Water Management District Permit No.: 69244-7
- The successful Bidder shall provide all As-Built requirements to their Land Surveyor prior to submitting drawings to the County for approval.
- The County will prepare an Addendum following this meeting, which will include the meeting minutes of this meeting. Comments to the meeting minutes shall be made within 5 business days following the posting of the Meeting Minutes.
- Bidders to review plan documents and provide comments to Purchasing as soon as possible. No further comments or questions will be allowed 10 days prior to bid opening (Monday, March 27, 2023 EOB).
- CADD drawings will be provided with Addendum 1.
- Possibility to encounter artesian wells, specifically within the old citrus pastures. Contractor will be required to subcontract a licensed well driller to abandon the well per St. Johns requirements.
- Mowing is part of the contract requirement – please include this with your Mob/ Demob item. The same is required for Trash collection. We encourage a clean construction site.
- The construction project area is in a residential area. It will be required to keep driveways open, communication with residents might be required.
- The Contractor may also be asked to remediate any residents' complaints during construction.
- Positive drainage will be required at all times, Contractor will be required to have pumps available during a storm event with heavy precipitation.
- Contractor will be required to submit a SWPPP plan prior to construction, any dewatering requires a dewatering permit. Water testing is required for approval of dewatering.
- Signal work at 81st Street. The Contractor's signal contractor will be responsible for the signal maintenance and timing during construction.
- This project will have a large amount of excavation, please see summary of Earthwork.

SUMMARY OF EARTHWORK									
STREET NAME / DESCRIPTION		SUBSOIL EXCAVATION		REGULAR EXCAVATION		EMBANKMENT		CHANNEL EXCAVATION	
		VOL (CY)	VOL (CY)	VOL (CY)	VOL (CY)	VOL (CY)	VOL (CY)	VOL (CY)	VOL (CY)
FROM STATION	TO STATION	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL
66TH AVE		877		18,839		46,116		--	
73RD ST		100		--		475		--	
77TH ST		50		156		312		--	
81ST ST		--		651		4,056		--	
POND 66E		--		38,627		815		--	
POND 66F		--		39,317		3,539		--	
POND 66G		--		213,185		962		--	
POND 66G PERIMETER SWALE		--		541		--		--	
SRID CANAL 13E		--		7,900		--		--	
IRFWCD LATERAL A CANAL		--		--		--		1,915	
TOTAL		1,027		319,316		56,275		1,915	

Rich Szpyrka (IRC-Public Works Director) stated: The project includes about 320,000 cubic yards of excavation. The excavation material of the pond 66G (Liberty Park), located on the north west corner of 66th Avenue and 81st Street belong to Ryall Development, LLC and a stock pile location for this material will be provided with Addendum 1. 10,000 cubic yard from the pond 66G have been obtained by the county and can be made available for the project.

- Any salvageable materials are property of Indian River County, not limited to millings, signs, signal equipment, drainage grates, etc. will be expected to be delivered to the County per contract documents Division 1 Section 01009 – Special Provisions, 1.1 General C. all salvageable material and equipment shall be delivered to the Owner at 4550 41st Street.
- Owner of 7825 66th Ave, Christine Ford is building a new house outside of the County obtained R/W. Mrs. Ford has an agreement with the County for one year of extended possession and by completion of the year she should have removed all of her personal property. *The Agreement date is 4-08-2022.*



39492
6600 - Citrus
5.97
Owner Address FORD CHRISTINE L
7825 66TH AVE
VERO BEACH, FL 32967

- Structure of 8160 66th Ave, is owned by Ryall Development Group who is the developer for Liberty Park.



- Address 8300 67th CT – possibly a shed within Clearing and Grubbing project area.



DISCUSSION

Questions & Answers

- Luke Folkerts (ATT) stated that ATT has relocations within the limit of the project which is broken up into different sections. Aerial relocations will need poles set, FPL need to relocate first. Buried lines – which is the majority on this project - will require clearing and grubbing and major grade changes may need to wait. Right of Way needs to be clearly marked and staked.
- K. Leindecker (IRC) stated that Consor (CEI consultant) will schedule a utility meeting quickly after the Award of Bid.
- FPL’s transmission line will need to be relocated south of the transmission station between 81st Street and 77th Street. FPL will also need the right of way clearly marked and the area cleared and brought up to rough grade before relocation of the poles. It was also noted that FPL has transmission lines and distribution lines in the same area, and it is anticipated that FPL Transmission will relocate the lines first, followed by the FPL Distribution team.

- David Gunter (IRFWCD) stated that the construction for this project will occur during two hurricane seasons and Contractor needs to be aware that drainage needs to be maintained at all times and the canal cannot be blocked. A bypass pump (size will be determined by the district) needs to be onsite, set-up to be able to bypass the work zone. Water that is discharged into the canal requires by DEP 0 (ZERO) NTU's. If the contractor removes cross drains under the roadway he needs to make sure to replace them before moving on. Contractor is responsible and liable for any flooding and damages that occur during construction. IRFWCD will inform the Contractor and CEI of upcoming storms and will be in close contact during a storm event.
- The permit of the Sebastian River Improvement District has been received and will be attached to Addendum 1. The permit includes a permit condition that the 1700 linear feet of the Canal R-13E at the north end of the project needs to be constructed before the roadway construction to provide for a positive drainage outfall from drainage basin between 81st and CR510. Contractor needs to schedule the construction of canal R-13E and Pond 66G ahead of roadwork construction.
- Brian Good (Kimley-Horn) stated that a new bid form will be issued with Addendum 1 to address comments from the Sebastian River Improvement District. Added quantities for embankment canal excavation and stabilization.
- Contractor will have two options to prepare the bid form, one is the use of the printed bid form in the contract document and two is the use of the provided excel bid form (after filling the form – please print the bis form for the submission). Make sure to fill out all required fields, including Contractor name.
- Brian Good stated that Addendum 1 will have information/an exhibit on the stock pile area and allowed stock pile height for the Pond Excavation material of Pond 66G.
- Tom Colucci (FPL-Transmission) stated that material for the transmission line relocation has been ordered in January and delivery times are typically 9 months. Anticipation is to receive all material in early fall. Potential start of work would be right after delivery and will take approximately 90 days.
- Bill Adams (Conzor) stated the Testing lab for the County is GFA and the Surveyor is Betsy Lindsey and both companies will not be available for the Contractors' testing and surveying.
- Chlo-Ann Lawrence (Florida Department of Transportation/FDOT) stated the funding for this project is through a State grant and not the Federal Government. This is a County project but any proposed changes to the project are required to be reviewed by FDOT for concurrence. The grant is of a reimbursement type which means the County pays the Contractor and the State reimburses the County.
- The Ford property is currently not mentioned to be demolished by the Contract, the Addendum will include a pay item for demolition of existing buildings.
- MAC will not be required.
- The County will request signed and sealed test reports for quality control testing as part of the contract requirements.
- Question: Are all elevations provided for the ponds. Answer: Brian Good (Kimley Horn) stated that tie-in Elevations are included, but we will provide all survey data that show the existing elevations and the data used to develop such elevations in the Cad drawings.
- Question: Is the Contract allowing for fuel adjustment? Answer: Yes, the County will follow per FDOT Specifications and Guidelines.
- Question: Is there a chance the bid opening can be extended? Answer: The County is planning to open the bids on April 5, 2023.

Meeting adjourned at 10:45AM.

ATTACHED

Sign-In Sheet

PRE-BID MEETING
SIGN-IN SHEET

66TH AVENUE ROADWAY WIDENING (69TH STREET TO CR510/85TH STREET)
IRC PROJECT NUMBER: IRC-1505B, FDOT FM# 436379-2-54-01, Bid Number 2023016
March 8, 2023 - 10:00 A.M.

NAME	COMPANY & ADDRESS	PHONE # / FAX # / CELL #	EMAIL ADDRESS
Jordan Rose	825 816 st Timothy Rose Contracting	772-564-7800	Jordan@timothyrosecontracting.com
Mike Choquette	MSC 1127 Royal Palm beach #33411	(561) 389-2422	mike@mjc.lawdev.com
Mike Constance	MSC 1127 Royal Palm beach box #340 33411	(561) 385-2745	mconstance@misc.lawdev.com
Jorge Prestemonas	JCA Surety 123 Belwa st orlando	321-800-6594	J3@JCASurety.com
Payton Olsen	JCA Surety Group	407 432 2446	payton@jcasurety.com
Chloee Lawrence	FDOT - TCUPS	772-201-7907	chloee.lawrence@dot.state.fl.us
Debo Velazquez	FDOT		
Ernie Anderson	BOYB LOW NA REE SERV	772.501 3218	BOYB LOW NA REE SERV@BOYB.COM
John Mucci	Halling Eng. Consulting	561-718-8418	JohnMucci@hallingeng.com
Jeff Stuckey	SEMA CONSTRUCTION 6200 Hazeltine NE Orlando 32822	407-487-6385	JStuckey@Sema.inc
Brian Good	KH#H	772-794-4083	brian.good@khh-hva.com
WARD Gunter	IRFWCD	772-562-2141	wgunter@flbb.net
Jeremy Trumble	IRC Telecom	772-226-1518	JTrumble@ircgov.com
Michael McCreedy	IRC Telecom	772-226-1317	MMcCreedy@ircgov.com
Jill Williams	IRC TRS	772-226-1380	JWilliams@ircgov.com
Edgar Puyun	IRC Eng	772-226-4838	epuyun@ircgov.com
Bill Adams	Consor	813/927-6011	WAdams@consorng.com
DAVID EGUNTER	IRFWCA	772-473-8018	dgunter@flbb.net

PRE-BID MEETING
SIGN-IN SHEET

66TH AVENUE ROADWAY WIDENING (69TH STREET TO CR510/85TH STREET)
IRC PROJECT NUMBER: IRC-1505B, FDOT FM# 436379-2-54-01, Bid Number 2023016
March 8, 2023 - 10:00 A.M.

NAME	COMPANY & ADDRESS	PHONE # / FAX # / CELL #	EMAIL ADDRESS
KEVIN HANSEN	IRC ENGINEERING	772-226-1467	KHANSEN@IRCgov.com
Steve Skuba	Ranger Construction	407-468-8518	estimating@rangerconstruction.com
COLTON GRIFFIN	CONSOR ENGINEERS	772-507-0988	Cgriffin@consor-eng.com
Jesse Arace	CONSOR	786-287-0630	Saravaz@consor-eng.com
JASON EDWARDS	Ryno Southern	916-792-2645	JEDWARDS@RYNOA.COM
José Herrera	CTI	305-342-7379	JHERRERA@CTILABS.NET
Moe Madruga	Dickerson Infrastr	772-4294444	madruga@difi.com
Carlos Dixon, Jr.	OHIA USA, Inc	904-614-4910	carlos.dixon@ohb-usa.com
Susan Prado	IRC Attny offic	772-226-1406	sprado@irc.gov.com
Richard B Szpytko	IRC PW	772-226-1234	rszpytko@irc.gov

SEBASTIAN RIVER IMPROVEMENT DISTRICT



P.O. Box 690336
(925 SW 122nd Ave.)
Vero Beach, FL 32969



Office: 772-562-9176
Fax: 772-569-5541



APPLICATION for Connection TO or USE of Sebastian River Improvement District (SRID) Facilities/Rights of Ways

Date of Application: 05/04/22

Application Number: 2022-03

A. Application Information: Name: Indian River County c/o Richard Szpyrka, P.E.
Address: Indian River County
1801 27th Street
Contact Number(s) 772-226-1379

Authorized Agent (Name/Title/Address): Authorized Designee Statement must be included.

Contact Number(s) _____

Non-Refundable Fee Schedule*

- B. Proposed **New/Modified** Connection or Use (check all applicable lines):
- Culvert Connection to SRID System Up to \$ 200.00*
 - Pump Connection to SRID System Up to \$ 300.00*
 - For Crossing of SRID System and/or Water Storage:
 - Culvert and/or Control Structure Up to \$ 500.00*
 - Other (Specify) _____ * As determined by SRID

***Note: The amount of the NON REFUNDABLE APPL/CAT/ON FEE is at the discretion of the SRID Administrator as based on the potential project complexity and associated review process.**

Given the potential complexity of certain projects, the SRID Administrator may need to seek professional advice, review and assistance from SRID Legal Counsel and/or Engineers as well as other parties as may be relevant to this project's review. If the need for that specialized assistance is utilized, the applicant/representative will be responsible for the timely and complete payment of all associated costs within fifteen (15) calendar days of payment due notification by the SRID. In conjunction with this application submission and upon the determination of the SRID, the applicant may be required to submit a RETAINER FEE up to \$2,500.00 *PRIOR TO THE COMMENCEMENT OF THE ACTUAL REVIEW PROCESS*. This retainer fee will be returned to the applicant upon the timely payment of all applicable project fees and the submission of all required project information to the satisfaction of the SRID upon project completion.

- C. Project Location (Specific to SRID- System i.e. R-12 East))Include Section/Township/Range Info
SECTION 5, 6, 31, & 32, TOWNSHIP 31S/32S, RANGE 39E
-
-

Attach DETAILED SITE drawings to depict specific project location

- D. Details of proposed Project Activities. As applicable, details should include but not be limited to :
(Diameter/Length of Culvert; Diameter/Rated Capacity of Pumps; Height/Width of riser or other structural details; signed and sealed engineering drawings/ survey information; engineering calculations; applicable other agency (SJRWMD and Indian River County) general correspondence, technical staff reports, approved permits, special conditions; etc.)
- E. Special Conditions: (To be determined by the SRID)
- F: Estimated date of Project Commencement: JAN. / 2023

Estimated date of Project Completion: JAN / 2025

- G. As the Applicant/Representative, I do understand and agree by my signature and through the submission of this SRID Application, that;**

1. The use of, or construction within, the rights -of-ways of the Sebastian River Improvement District will be in accordance with the details of the approved information submitted in support of this application; and if any changes are required, same will be cleared/approved with the SRID.
2. I accept full responsibility for any erosion to or shoaling in the SRID's canal or levee system due to my project work, and I shall remove or repair same promptly and at no expense to the SRID; and I will prevent the discharge of any vegetative materials-aquatic growth or sediments into the SRID system through this connection.
3. I will neither plant trees or shrubs or effect any structure that will prohibit the access of SRID equipment or vehicles or those of their contractors, without securing proper SRID authorization thereof. The SRID or its successor will be given priority perpetual access.
4. It is further understood and agreed that any requirements of the SRID are binding upon me, the applicant/representative, and I do hereby indicate acceptance of this notice.
5. It is further understood and agreed that the lands to be benefitted by this requested permit are or may be, subject to flooding during periods of high water due to heavy rains or acts of God, and that the permit will be accepted subject to this possibility which is recognized not to be within the control of the SRID.

Standard Provisos

1. Permittee assumes full responsibility for any construction, operation or maintenance of SRID property or rights of way subject to this Permit and shall save and hold harmless the SRID from any expense, loss, damage or claim in regard thereto, and the SRID assumes and shall have no liability in connection therewith.
2. This Permit may not be assigned or sublet to a third party and any transfer of Permittee's property abutting SRID property or rights of way shall immediately cancel, nullify, and revoke this Permit.
3. This Permit is subject **always to the paramount right of the SRID** to keep and maintain its Improvement District functions and operations, and is subject to revocation and cancellation upon thirty (30) calendar days notice from the SRID to the Permittee.

4. In no event shall the SRID be liable for any damage done or caused by the SRID to the public, to Permittee or any other persons using the rights of way property subject to this Permit. Permittee shall save the SRID, its officers, agents, administrator, supervisors and employees harmless from any costs, charge or expense of claims or demand of any person against the SRID arising from or pertaining to any use made of the property or rights of way subject to this permit. Permittee shall, at any time upon request of the SRID, provide to the SRID evidence, satisfactory to the SRID, of liability insurance coverage as may be required by the SRID, protecting the interests of the SRID and naming the SRID as an additional insured.
5. The SRID may, on thirty (30) calendar days written notice to Permittee, require removal and/or alteration of any installation or construction on SRID rights of way.
6. Any construction on SRID's rights of way or property, and clean up, shall be completed promptly by Permittee and in a workmanlike manner with minimum disturbance to existing SRID berm, channel slopes and grade, with proper restoration and planting of any disturbed areas to prevent erosion within ten (10) calendar days after completion and installation.
7. Permittee shall advise the SRID office prior to commencement and upon completion of all project activities. **Office Telephone: (772) 562-9176**
8. Permittee shall not discharge any pollutants, contaminants or deleterious materials into waters or structures owned or maintained by, or subject to the jurisdiction of the SRID nor permit anything to obstruct the flow of water, and shall save and hold the SRID harmless from any expense, loss or damage to the SRID or others by any such discharge or obstruction, remedying or removing the same immediately upon request of the SRID. Off-site discharges from the project into SRID water bodies shall meet or exceed current or future Federal and State Water Quality Standards.
9. Permittee, as a condition to the continuance of this Permit, shall reimburse the SRID, immediately upon demand, for any testing or other costs or expenses to the SRID associated with or arising from Permittee's use of the SRID's facilities/rights of way.
10. Applicant is cautioned that electrical, water and sewer, or other installations or utilities may be located within the project area, and applicant shall use diligent efforts to first detect and locate all such installations and shall coordinate all project activities with other lawful users of said rights of ways. Applicant shall be liable for all damages proximately resulting from its interferences with or interruption of services provided by other lawful rights of way users.
11. This permit shall be considered to be a license only, for the limited purpose of installation, placement and maintenance of the improvements and project activities specified on the face hereof and representative by accompanying signed and sealed and relevant project drawings, and does not convey any other right, title or interest of the SRID in the subject right of way property.
12. Applicants are strongly encouraged to implement to the optimal degree possible Best Management Practices (BMP's) and other recognized water quality improvement actions to reduce the off-site transport of vegetation and sediment material.
13. The permit applicant is required to submit within thirty (30) calendar days of project completion, written acknowledgment the permitted project was constructed in complete accordance with applicable and approved plans, and reflects sound engineering practices, and the constructed project poses no detrimental impacts to other users within the SRID system. This project completion acknowledgment can be in the form of a letter, signed by the permit applicant, attesting to the fact the project was completed in complete accordance with approved plan details and may also require the submission of detailed, signed and sealed "as-built" drawings.

14. Failure to comply with all conditions noted in this application process and any special conditions associated with this specific project SRID approval, may result in permit revocation; loss of the use of SRID Rights of Way and facilities; and fines up to one thousand (\$1000.00) dollars per day of violation as determined solely by the SRID.

Applicant/Landowner Signature: _____

[Handwritten Signature]

Applicant/Landowner Printed Name: _____

Richard G. Szpytko IRCPWD

(For Sebastian River Improvement District Use Only)

Applicable Application notations/approval(s):

B. Frank Sekura, Jr. CDM DISTRICT MANAGER 2/23/2023

For Sebastian River Improvement District: _____

[Handwritten mark]

As applicable:

SRID Engineer Representative: _____

[Handwritten Signature] 2/21/2023

SRID Legal Representative _____

Board of Supervisors: _____

Date of Approval: Conditional ___ / ___ / ___ Final: ___ / ___ / ___

*Expiration Date of this Approved application: ___ / ___ / ___

***NOTICE: PROJECT COMMUNICATIONS**

Throughout the application and total project process, project communication remains the primary responsibility of the applicant/representative. Failure to maintain an active and open communication position during the total project process will result in a declaration by the Sebastian River Improvement District (SRID), that the application is "inactive" and therefore "will be closed". In this regard, should a six month period (180 calendar days) elapse without any formal written communications to the SRID Administrator as to the status of the application/project, a notice will be issued to the appropriate party(ies) indicating the application will be declared "inactive" and will be "closed" in thirty (30) calendar days. As applicable, any unobligated portion of the Retainer Fee will be refunded. Once the SRID declares a project "inactive", -ANY SUBSEQUENT ACTIVITIES INVOLVING THIS PROJECT, WILL REQUIRE THE INITIATION OF A NEW APPLICATION PACKAGE AND ALL ASSOCIATED APPLICATION FEES.

Permission, when granted, will be subject to the standard provisos set forth herein.

Note: Please be aware that suggestions or other directions provided by the District or its representatives are offered to assist the applicant in the application process. The applicant and/or their representative bear the burden of demonstrating that their application meets all applicable requirements including but not limited to the obtaining of all applicable documentation, permits and associated approvals. The FINAL decision regarding issuance or denial specific to this application is up to the Board of Supervisors of the District or their designee as determined by that Board of Supervisors.

**SEBASTIAN RIVER IMPROVEMENT DISTRICT
SPECIAL CONDITIONS FOR PERMIT NO.
FOR
PROPOSED 66th AVENUE ROAD IMPROVEMENTS
From 69th Street to SR-510
February 21, 2023**

- (1) This permit is issued based on plans titled, "Roadway Contract Plans, 66th Avenue from 69th Street to SR-510, prepared by Kimley Horn, signed and sealed by Brian Good, P.E, on 2/21/2023, and Drainage Calculations Dated May 2022, prepared by Kimley Horn, signed and sealed by Brian Good, P.E, on 5/26/2022.
- (2) This project includes the extension of R-13 from the current eastern point near the Liberty Magnet School campus to 66th Avenue. This extension complete with access roads, stabilization, and the related stormwater conveyance structures must be constructed prior to the roadway improvements.
- (3) The permit approval is based on drainage calculations which assume the construction of project related SRID R-13 and R-14 drainage infrastructure improvements. The permit is contingent on the actual construction of the proposed SRID infrastructure and will be null and void if the improvements are not constructed.
- (4) The existing drainage for upstream and downstream SRID landowners must be maintained during construction.
- (5) The EOR shall schedule a pre-construction meeting with the IRFWCD Superintendent, and Contractor prior to construction.
- (6) As per Standard Provisos of this permit, a copy of "As-built" (record drawings) prepared by and sign and sealed by a PSM licensed in the State of Florida shall be provided to Sebastian River Improvement District thirty (30) days after completion of project.

SUMMARY OF PAY ITEMS

PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY
ROADWAY PAY ITEMS			
101-1	MOBILIZATION/ DEMOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
102-14	TRAFFIC CONTROL OFFICER (OFF DUTY LAW ENFORCEMENT)	PH	500
104-2	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS	1
110-1-1	CLEARING & GRUBBING	LS	1
110-1-2	DEMOLITION OF EXISTING BUILDINGS	EA	3
110-5	PLUGGING WATER WELL - ARTESIAN	EA	6
110-7-1	MAILBOX F & I	EA	27
120-1	REGULAR EXCAVATION	CY	318,808
120-4	SUBSOIL EXCAVATION	CY	1,027
120-5	CHANNEL EXCAVATION	CY	1,915
120-6	EMBANKMENT	CY	59,799
160-4	TYPE "B" STABILIZATION	SY	100,633
285-709	OPTIONAL BASE GROUP 9	SY	71,787
286-1	TURNOUT CONSTRUCTION	SY	920
334-1-13	SUPERPAVE ASPHALT CONCRETE (SP-12.5) (TRAFFIC C) (2.0")	TN	8,242
337-7-82	ASPHALTIC CONCRETE FRICTION COURSE (FC-9.5) (TRAFFIC C) (1.0")	TN	4,121
400-1-2	CLASS I CONCRETE (ENDWALL)	CY	14,97
400-2-2	CLASS II CONCRETE (ENDWALL)	CY	22,60
415-1-1	REINFORCING STEEL (ROADWAY)	LB	1,390
425-1-351	INLETS (CURB) (TYPE P-5) (<10')	EA	8
425-1-355	INLETS (CURB) (TYPE P-5) (PARTIAL)	EA	1
425-1-361	INLETS (CURB) (TYPE P-6) (<10')	EA	17
425-1-451	INLETS (CURB) (TYPE J-5) (<10')	EA	3
425-1-451	INLETS (CURB) (TYPE J-5) (<10') (CONTROL STRUCTURE)	EA	1
425-1-452	INLETS (CURB) (TYPE J-5) (>10')	EA	3
425-1-461	INLETS (CURB) (TYPE J-6) (<10')	EA	7
425-1-462	INLETS (CURB) (TYPE J-6) (>10')	EA	2
425-1-521	INLETS (DT BOT) (TYPE C) (<10')	EA	11
425-1-541	INLETS (DT BOT) (TYPE D) (<10')	EA	1
425-1-559	INLETS (DT BOT) (TYPE E) (>10') (CONTROL STRUCTURE)	EA	1
425-1-582	INLETS (DT BOT) (TYPE H, 4-GRATE) (>10') (CONTROL STRUCTURE)	EA	1
425-2-41	MANHOLES (P-7) (<10')	EA	6
425-2-63	MANHOLE (P-8) (PARTIAL) (TOP ONLY)	EA	3
425-2-71	MANHOLES (J-7) (<10')	EA	9
425-11	MODIFY EXIST. DRAINAGE STRUCTURE	EA	1
430-175-118	PIPE CULVERT (RCP) (ROUND) (18" SS)	LF	2,339
430-175-118B	PIPE CULVERT (P.P.) (ROUND) (18" SS)	LF	310
430-175-124	PIPE CULVERT (RCP) (ROUND) (24" SS)	LF	1,412
430-175-124B	PIPE CULVERT (P.P.) (ROUND) (24" SS)	LF	467
430-175-130	PIPE CULVERT (RCP) (ROUND) (30" SS)	LF	1,244
430-175-130B	PIPE CULVERT (P.P.) (ROUND) (30" SS)	LF	118
430-175-136	PIPE CULVERT (RCP) (ROUND) (36" SS)	LF	1,818

PAY ITEM NO.	DESCRIPTION	UNIT	PROJECT QUANTITY
ROADWAY PAY ITEMS			
430-175-142	PIPE CULVERT (RCP) (ROUND) (42" SS)	LF	394
430-175-142B	PIPE CULVERT (P.P.) (ROUND) (42" SS)	LF	136
430-175-148	PIPE CULVERT (RCP) (ROUND) (48" SS)	LF	314
430-175-148B	PIPE CULVERT (P.P.) (ROUND) (48" SS)	LF	104
430-175-154	PIPE CULVERT (RCP) (ROUND) (54" SS)	LF	27
430-175-160	PIPE CULVERT (RCP) (ROUND) (60" SS)	LF	2,032
430-175-160A	PIPE CULVERT (C.A.P.) (ROUND) (60" SS)	LF	160
430-175-166	PIPE CULVERT (RCP) (ROUND) (66" SS)	LF	123
430-175-172	PIPE CULVERT (RCP) (ROUND) (72" SS)	LF	522
430-175-184	PIPE CULVERT (RCP) (ROUND) (84" SS)	LF	40
430-175-215	PIPE CULVERT (ERCP) (12" X 18" SS)	LF	147
430-175-236	PIPE CULVERT (ERCP) (29" X 45" SS)	LF	192
430-175-260	PIPE CULVERT (ERCP) (48" X 76" SS)	LF	145
430-964-8	PIPE CULVERT (SCH. 80 PVC) (8")	LF	1,341
430-982-125	MITERED END SECTION (CONC.) (18" CD) (4:1)	EA	1
430-982-129	MITERED END SECTION (CONC.) (24" CD) (4:1)	EA	2
430-982-143	MITERED END SECTION (CONC.) (60" CD) (4:1)	EA	0
440-1-20	UNDERDRAIN (TYPE II)	LF	1,917
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF	16,420
520-1-11	CONCRETE CURB & GUTTER (TYPE F) (MOD.)	LF	13,918
522-2	CONCRETE SIDEWALK & DRIVEWAY, 6" THICK	SY	10,072
527-2	DETECTABLE WARNINGS	SF	190
530-3-4	RIPRAP, RUBBLE (F&I) (DITCH LINING)	TN	760
550-10-222	FENCING (TYPE B) (6.0') (WITH VINYL COATING)	LF	3,519
550-60-225	FENCE GATE (TYPE B) (DOUBLE) (24.0' OPENING)	EA	3
570-1-2A	PERFORMANCE TURF (SOD) (BAHIA)	SY	203,104
630-2-11A	CONDUIT (OPEN TRENCH) (F&I) (2")	LF	7,735
633-1-124	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (144 STRAND)	LF	8,635
633-2-31	FIBER OPTIC CONNECTION (INSTALL) (SPLICE)	EA	108
633-2-32	FIBER OPTIC CONNECTION (INSTALL) (TERMINATION)	EA	192
633-3-11	SPLICE ENCLOSURE (F&I) (SPLICE ENCLOSURE)	EA	3
635-2-12	PULL AND SPLICE BOX (F&I) (17"X30") (PULL BOX)	EA	9
635-2-13	PULL AND SPLICE BOX (F&I) (30"X48") (SLACK BOX)	EA	9
999-1	RECORD DRAWINGS	LS	1
UTILITY PAY ITEMS			
999-1B	RECORD/ AS-BUILT DRAWINGS (IRC UTILITY)	LS	1
1050-31-204	UTILITY PIPE - PVC (4" FM) (F & I)	LF	591
1050-31-206	UTILITY PIPE - PVC (6" WM) (F & I)	LF	209
1050-31-212	UTILITY PIPE - PVC (12" WM) (F & I)	LF	147
1050-31-216	UTILITY PIPE - PVC (16" WM) (F & I)	LF	200
1055-51-116	UTILITY FITTING - 16" 45 DEGREE DI BEND (FM)	EA	16
1055-51-512	UTILITY FITTING - 12" BLIND FLANGE (WM)	EA	2
1080-11-403	UTILITY FIXTURE - 12"x16" TAPPING SADDLE & SLEEVE (WM)	EA	2
1080-24-106	UTILITY FIXTURE - 6" GATE VALVE (WM)	EA	3
1080-24-112	UTILITY FIXTURE - 12" GATE VALVE (WM)	EA	2
1080-11-415	UTILITY FIXTURE - 2" TEMPORARY JUMPER VALVE ASSEMBLY	EA	4
1080-27116	UTILITY FIXTURE - 16" LINE STOP (WM)	EA	8
1080-26-102	UTILITY FIXTURE - AIR RELEASE VALVE	EA	2
1644-113-08	FIRE HYDRANT ASSEMBLY (F&I)	EA	3
1644-700	FIRE HYDRANT ASSEMBLY (ADJUST & MODIFY)	EA	1

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	△ BID ADDENDUM No. 1			

Kimley»Horn
 BRIAN A. GOOD, P.E.
 P.E. LICENSE NUMBER 56939
 445 24th STREET, SUITE 200
 VERO BEACH, FL 32960
 (772) 794-4100
 REGISTRY No. 35106

**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
 66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET

SUMMARY OF PAY ITEMS

SHEET NO.
2

I505B
 I.R.CO. Proj. No.
 THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

PAY ITEM FOOTNOTES

- 102-1 COST OF MAINTENANCE OF TRAFFIC SHALL INCLUDE BUT NOT BE LIMITED TO TEMP. BARRIER WALL, CONSTRUCTION SIGNS, TEMPORARY REFLECTIVE PAVEMENT MARKERS, TEMPORARY PAVEMENT MARKINGS, INCIDENTAL TEMPORARY PAVEMENT, DUST CONTROL AND ALL ITEMS NECESSARY TO MEET THE MAINTENANCE OF AS PRESCRIBED IN SECTION 600 OF THE FDOT STANDARD INDEXES.
- 104-2 COST TO INCLUDE, BUT NOT LIMITED TO, ALL MATERIAL, LABOR, MAINTENANCE AND REMOVAL NECESSARY TO PREVENT SEDIMENT TRANSPORT BEYOND THE PROJECT LIMITS INCLUDING SILT FENCE, INLET PROTECTION, STAKED TURBIDITY BARRIERS AND FLOATING TURBIDITY BARRIERS.
- 110-1-1 COST OF CLEARING & GRUBBING TO INCLUDE THE COST OF REMOVAL OF EXISTING IRRIGATION PUMP STATIONS & MOTOR BOXES, FENCING, SIDEWALKS, CURBING, ABANDONED UTILITIES, (INCLUDING CABLES, METER VAULTS & OTHER STRUCTURES), EXISTING WALKS, RIP RAP, VARIOUS TYPES OF FENCES, BASE MATERIAL, VEGETATION, ROOTS DRAINAGE STRUCTURES, PIPE, ANY REQUIRES SAW CUTTING, BACKFILLING THE REMOVED EXCAVATIONS, PLUS ALL OTHER ITEMS NECESSARY TO BE REMOVED TO CONSTRUCT PROJECT. PRIOR TO REMOVAL OF ANY CITRUS TREES, THE CONTRACTOR IS TO COORDINATE WITH COUNTY REPRESENTATIVE TO QUANTIFY TREE IMPACTS. COST TO ALSO INCLUDE THE DEMOLITION AND DISPOSAL OF EXISTING BUILDINGS/STRUCTURES IN CONFLICT WITH THE PROPOSED IMPROVEMENTS AT 8160 66TH AVENUE AND 8300 67TH COURTH.
- △ 110-1-2 COST TO INCLUDE, BUT NOT LIMITED TO, DEMOLITION AND DISPOSAL OF EXISTING BUILDINGS LOCATED WITHIN COUNTY RIGHT-OF-WAY PER FDOT SPECIFICATION 110 CLEARING AND GRUBBING. UNIT COST TO BE PAID FOR AS EACH PARCEL. EXISTING BUILDINGS ARE LOCATED AT:
7825 66th AVENUE
8160 66th AVENUE
8300 67th COURT
- 110-7-1 MAILBOXES TO BE REPLACED IN LIKE KIND. COST TO INCLUDE ALL PHASING RELOCATIONS.
- 120-1 ALL GRADING INCLUDING FINAL GRADING TO BE INCLUDED IN THE COST OF EXCAVATION & EMBANKMENT. COST OF ANY ROCK REMOVAL TO BE INCLUDED IN THIS ITEM.
- 120-4 SUBSOIL EXCAVATION IS REQUIRED IN SUBLATERAL CANALS & DITCHES LOCATED UNDER PROPOSED ROADWAY AND DRAINAGE CULVERT IMPROVEMENTS WHEN UNSUITABLE MATERIALS ARE ENCOUNTERED IN PIPE TRENCHING. THE CONTRACTOR SHALL REMOVE THE UNSUITABLE MATERIAL 2.0 FEET BELOW TRENCH BOTTOM, COST OF REPLACEMENT EMBANKMENT TO BE INCLUDED IN PAY ITEM 120-4. CONTRACTOR TO COORDINATE WITH COUNTY REPRESENTATIVE PRIOR TO EXCAVATING.
- 285-709 THE COST OF THE PRIME COAT SHALL BE INCLUDED IN THE PRICE OF THE BASE.
- 286-1 THE COST OF ASPHALTIC TURNOUT CONSTRUCTION SHALL INCLUDE 2" TYPE S ASPHALTIC CONCRETE, 5" BASE MATERIAL, EARTHWORK, GRADING, & ALL INCIDENTAL WORK NECESSARY FOR CONSTRUCTION.
- 334-1-13 THE TACK COAT SHALL BE INCLUDED IN THE COST OF ASPHALTIC CONCRETE.
- 337-7-82
- 440-1-20 THE COST TO INCLUDE, BUT NOT LIMITED TO, PERFORATED AND NON-PERFORATED HDPE CULVERT, AGGREGATE, FILTER FABRIC, FITTINGS CLEANOUT FRAME & COVER AND CONCRETE.
- 520-1-10 THE CONCRETE USED SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 3,000 PSI.
- 520-1-11 COST OF MAINTENANCE ACCESS MEDIAN DROP CURB IS TO BE PAID FOR AS PARENT CURB. THE CONCRETE USED SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 3,000 PSI.
- 522-2 PEDESTRIAN RAMPS TO BE INCLUDED IN PRICE OF SIDEWALK. ALL SIDEWALK JOINTS ARE TO BE SAWCUT AS PER FDOT SPECIFICATION. TOOLED JOINTS WILL NOT BE PERMITTED. THE COST OF CONCRETE TURNOUT CONSTRUCTION SHALL INCLUDE 6" CONCRETE, EARTHWORK, GRADING, AND ALL INCIDENTAL WORK NECESSARY FOR CONSTRUCTION. THE CONCRETE USED SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 3,000 PSI AND SHALL BE FIBER REINFORCED.
- 527-2 DETECTABLE WARNING SURFACES SHALL CONSIST OF CAST-IN-PLACE COMPOSITE TACTILE UNITS MANUFACTURED BY ADA SOLUTIONS, INC. (1-800-372-0519) OR APPROVED EQUIVALENT. DETECTABLE WARNING SURFACES SHALL EXTEND TWO FEET FROM BACK OF CURB AND SPAN THE ENTIRE RAMP RUN WIDTH. DETECTABLE WARNING SURFACE COLOR SHALL BE "FEDERAL YELLOW".
- 530-3-4 COST OF RUBBLE TO INCLUDE COST AND PLACEMENT OF MARAFI FABRIC, BEDDING STONE AND KEYSTONE AGGREGATE.
- 550-10-222 FENCING AND ITS APPURTENANCES TO HAVE A BLACK VINYL COATING.
- 550-60-225
- 570-1-2A THE COST OF SODDING SHALL INCLUDE SOD, FERTILIZER, MOWING, WATER, TOOLS, EQUIPMENT, LABOR, AND ALL INCIDENTAL ITEMS NECESSARY. BAHIA SOD SHALL BE PLACED ON ALL DISTURBED, NON-IRRIGATED AREAS AND SHALL NOT CONFLICT WITH PROPOSED LANDSCAPING DEPICTED WITHIN THE 66TH AVENUE LANDSCAPE COMPONENT PLAN SET. REFER TO LANDSCAPE PLANS FOR LIMITS OF PROPOSED LANDSCAPING IMPROVEMENTS AND IRRIGATED AREAS.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	△ BID ADDENDUM No. 1			

Kimley»Horn

BRIAN A. GOOD, P.E.
P.E. LICENSE NUMBER 56939
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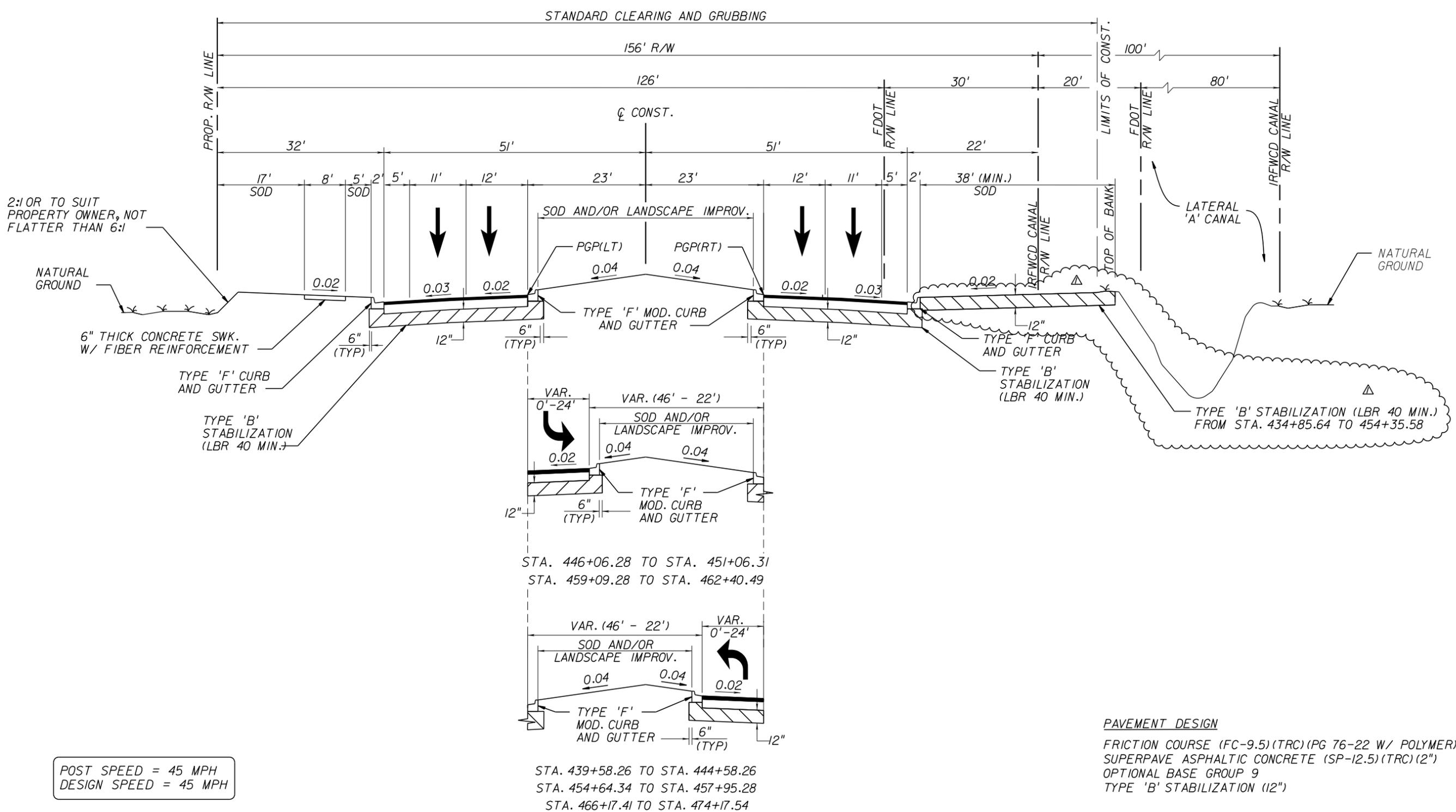
INDIAN RIVER COUNTY
BOARD OF COUNTY COMMISSIONERS

66th AVENUE FROM 69th STREET
TO SR-510/85th STREET

SUMMARY OF PAY ITEMS

SHEET NO.
3

I-505B
I.R.CO. Proj. No.
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



POST SPEED = 45 MPH
 DESIGN SPEED = 45 MPH

STA. 434+85.64 TO STA. 472+00.00

REVISIONS						Kimley»Horn <small>BRIAN A. GOOD, P.E. P.E. LICENSE NUMBER 56939 445 24th STREET, SUITE 200 VERO BEACH, FL 32960 (772) 794-4100 REGISTRY No. 35106</small>	INDIAN RIVER COUNTY BOARD OF COUNTY COMMISSIONERS 66th AVENUE FROM 69th STREET TO SR-510/85th STREET	66th AVENUE TYPICAL SECTION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				9
2/20/23	MCF	Δ BID ADDENDUM No. 1							

SUMMARY OF FENCE

66th Ave		SIDE	TYPE 'B'		GATE	COMMENT	FIELD BOOK REFERENCE
STATION			6' HEIGHT				
FROM	TO		PLAN	FINAL	24' WIDE		
POND 66E							
451+89.00	458+51.53	LT	1724		2	BLACK VINYL	
POND 66F							
472+52.88	478+75.27	LT	1795		1	BLACK VINYL	
TOTAL:			3519		3		

SUMMARY OF DITCH PAVEMENT

LOCATION	SIDE	RIPRAP (DITCH LINING)		BEDDING STONE		COMMENT	FIELD BOOK REFERENCE
		TN		TN			
		PLAN	FINAL	PLAN	FINAL		
66TH STREET							
444+67.84	RT	103					
445+07.29	LT	78					
445+08.26	RT	78					
445+71.84	RT	103					
454+18.77	RT	199					
471+38.17	RT	85					
471+77.48	LT	85					
485+38.34	LT	29				S - 607H	
TOTAL		760					

SUMMARY OF EARTHWORK

STREET NAME / DESCRIPTION		SUBSOIL EXCAVATION		REGULAR EXCAVATION		EMBANKMENT		CHANNEL EXCAVATION	
FROM STATION	TO STATION	VOL (CY) PLAN	VOL (CY) FINAL	VOL (CY) PLAN	VOL (CY) FINAL	VOL (CY) PLAN	VOL (CY) FINAL	VOL (CY) PLAN	VOL (CY) FINAL
66TH AVE		877		18,331		49,640		--	
73RD ST		100		--		475		--	
77TH ST		50		156		312		--	
81ST ST		--		651		4,056		--	
POND 66E		--		38,627		815		--	
POND 66F		--		39,317		3,539		--	
POND 66G		--		213,185		962		--	
POND 66G PERIMETER SWALE		--		641		--		--	
SRID CANAL 13E		--		7,900		--		--	
IRFWCD LATERAL A CANAL		--		--		--		1,915	
TOTAL		1,027		318,808		59,799		1,915	

SUMMARY OF TURNOUTS

STATION	SIDE	WIDTH (FT)	LENGTH (FT)	CONCRETE AREA (SY)		ASPHALT AREA (SY)		FIELD BOOK REFERENCE
				CONCRETE SIDEWALK (6" THICK)		TYPE SP-12.5 STR. COURSE (TRAF.C) (2") CEMENTED COQUINA LBR100 (5")		
				PLAN	FINAL	PLAN	FINAL	
66TH AVE								
435+32.69	LT	12	17	25.1		22.7		
441+31.40	LT	12	25	25.1		33.3		
455+52.65	RT	15	65	27.6		107.2		
458+13.49	LT	12	17	25.0		22.5		
462+05.68	LT	15	10	29.3		16.7		
462+61.09	RT	15	10	28.0		16.6		
464+26.00	LT	14	17	28.0		26.4		
466+43.24	LT	24	10	42.4		26.7		
477+28.13	RT	12	45	33.1		60.0		
478+61.55	RT	12	45	33.1		59.7		
479+20.95	RT	12	42.2	33.1		55.9		
481+81.26	LT	12	-	25.1		-		
482+57.93	RT	12	40	33.1		53.3		
483+36.35	RT	12	40	33.1		53.3		
484+79.41	LT	12	-	25.2		-		
485+17.32	RT	15	47	36.5		78.3		
485+64.11	LT	12	-	25.2		-		
488+67.44	RT	12	16	33.0		21.3		
490+21.20	LT	12	-	25.2		-		
491+00.30	LT	12	-	25.1		-		
493+00.88	RT	24	-	48.0		-		
497+93.97	LT	18	14	33.8		28.0		
511+82.49	LT	12	7	25.1		9.3		
514+42.60	LT	18.5	23.3	-		58.6		
515+49.80	LT	16.6	21	-		49.3		
Pond 66F	LT	24.0	43.4	-		120.6		
SUB-TOTAL					698.2		919.7	

REVISIONS

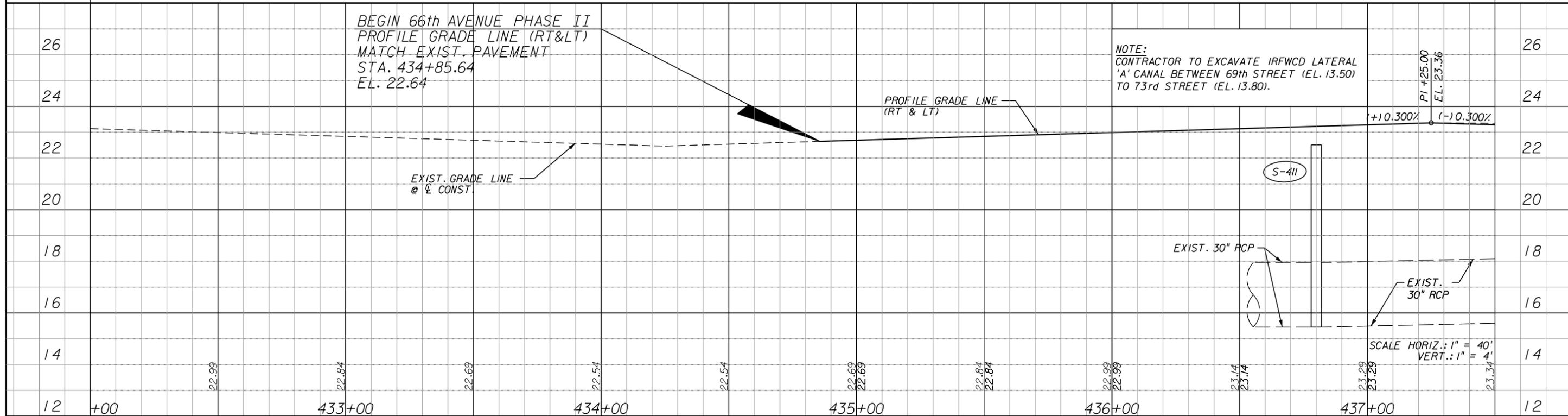
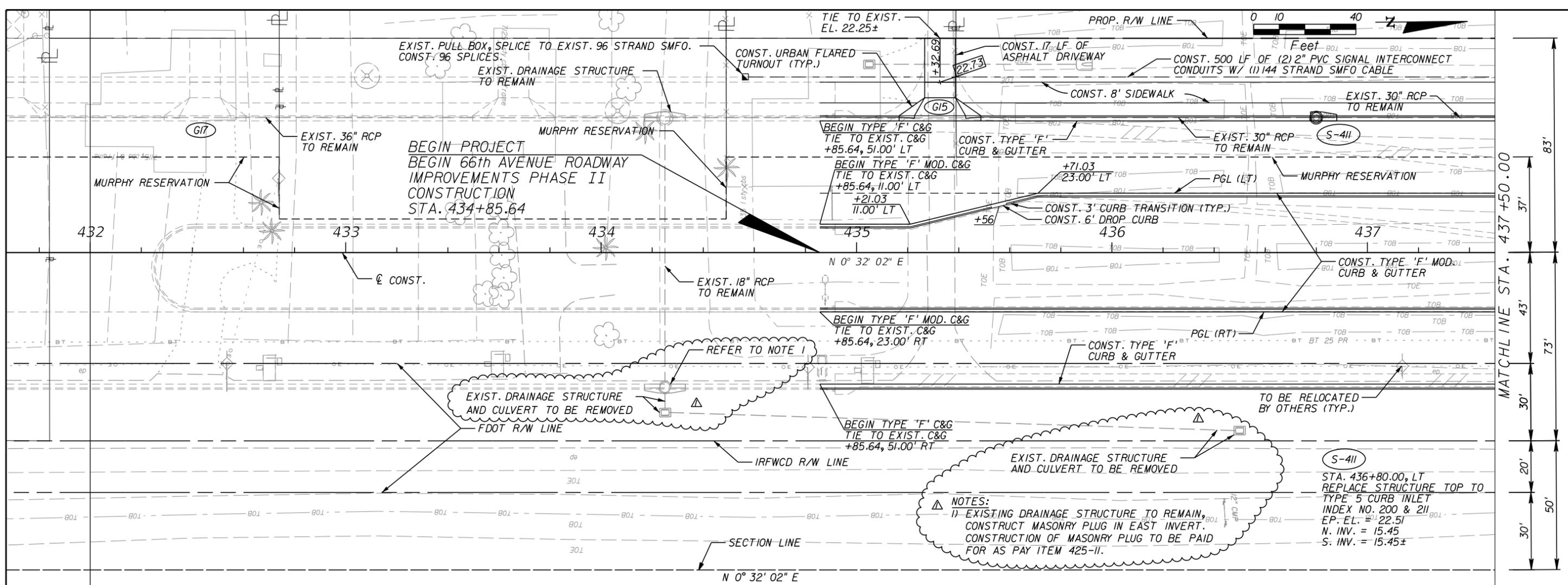
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
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Kimley»Horn
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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

SUMMARY OF QUANTITIES

SHEET NO.
13



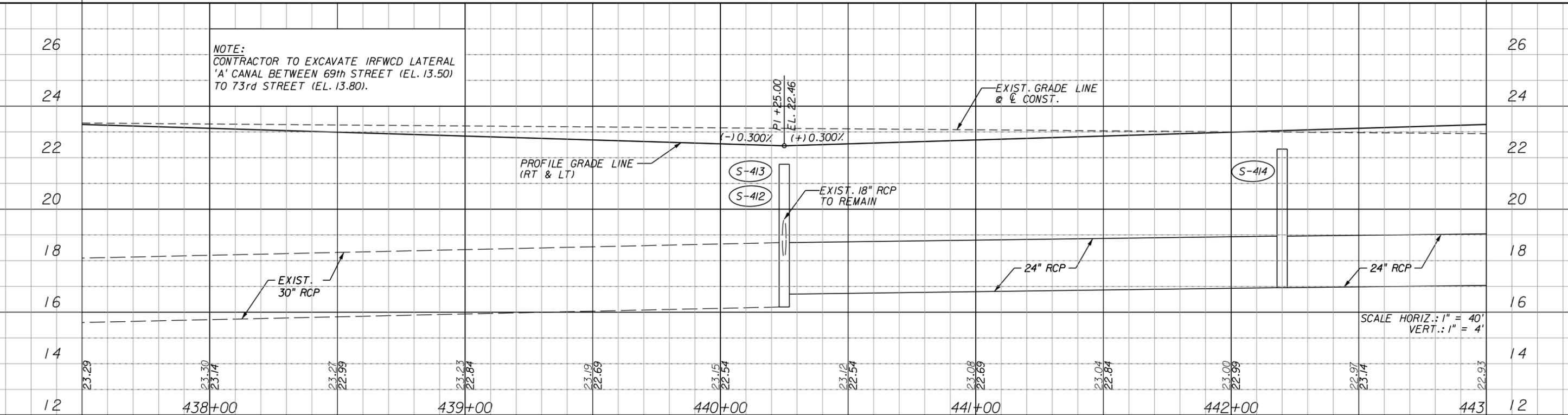
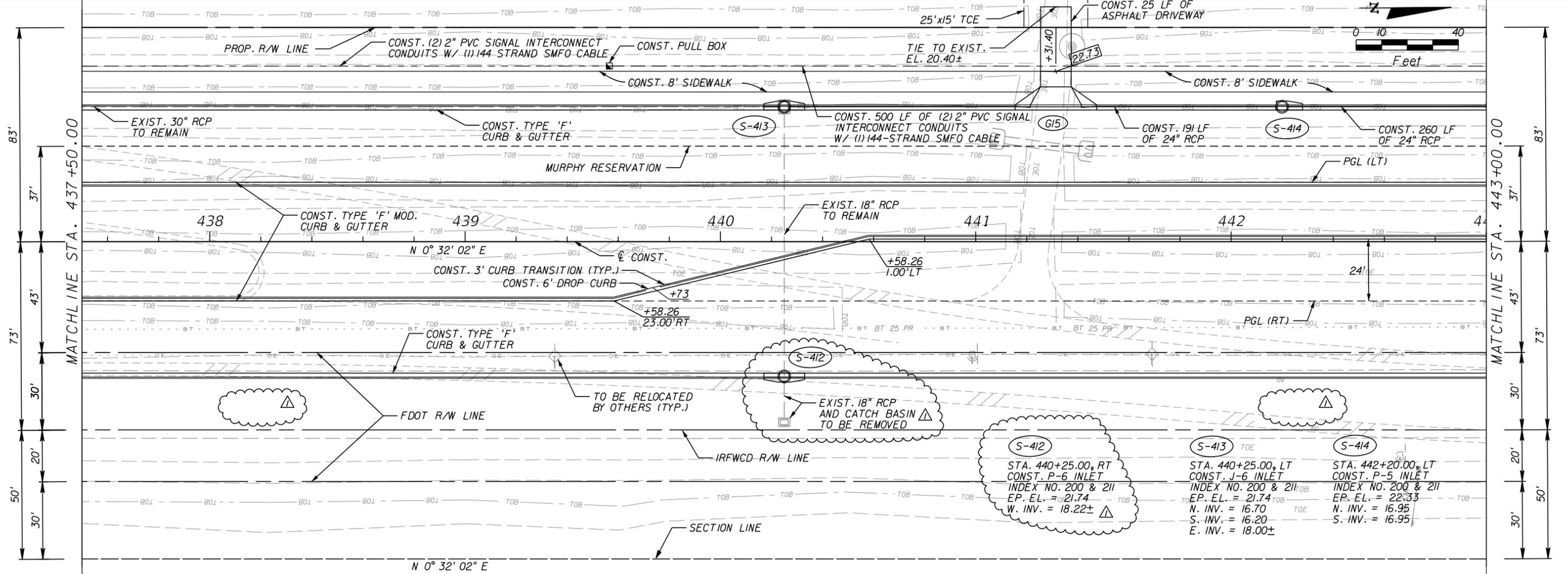
REVISIONS			
DATE	BY	DESCRIPTION	
2/20/23	MCF	Δ BID ADDENDUM No. 1	

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 P.E. LICENSE NUMBER 56939
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 VERO BEACH, FL 32960
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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
 66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET

**66th AVENUE
 PLAN & PROFILE**

SHEET NO. 22



REVISIONS			
DATE	BY	DESCRIPTION	
2/20/23	MCF	△ BID ADDENDUM No. 1	

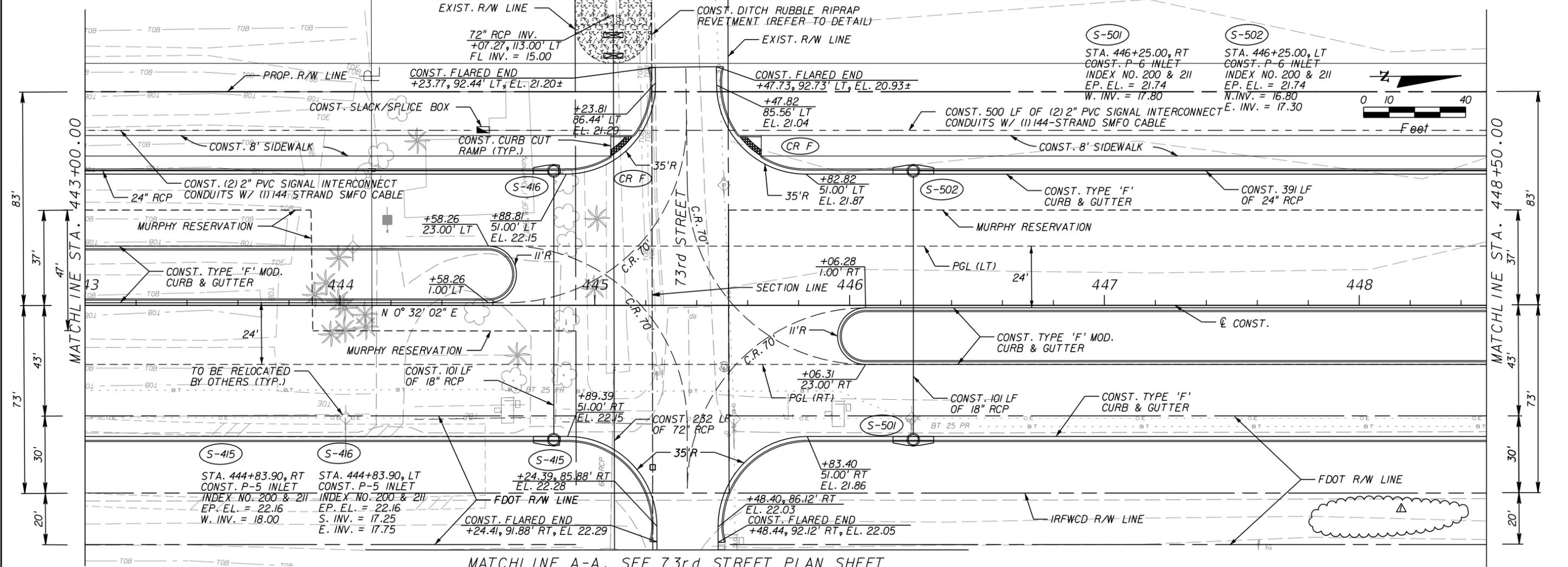
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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

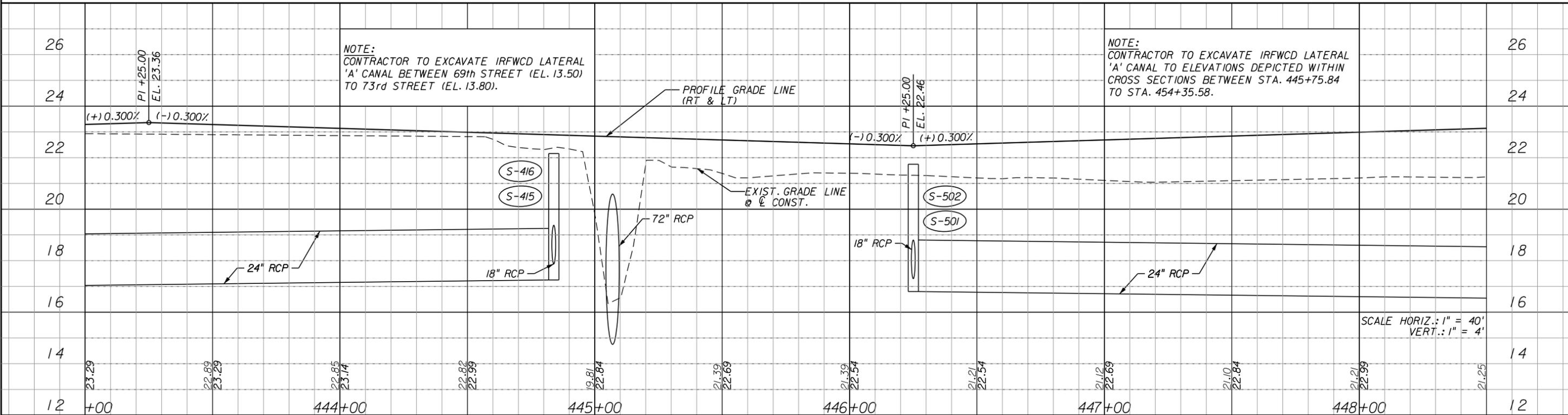
**66th AVENUE
 PLAN & PROFILE**

SHEET NO. 23

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MATCHLINE A-A, SEE 73rd STREET PLAN SHEET



NOTE:
CONTRACTOR TO EXCAVATE IRFWCD LATERAL 'A' CANAL BETWEEN 69th STREET (EL. 13.50) TO 73rd STREET (EL. 13.80).

NOTE:
CONTRACTOR TO EXCAVATE IRFWCD LATERAL 'A' CANAL TO ELEVATIONS DEPICTED WITHIN CROSS SECTIONS BETWEEN STA. 445+75.84 TO STA. 454+35.58.

SCALE HORIZ.: 1" = 40'
VERT.: 1" = 4'

DATE		BY		DESCRIPTION	
2/20/23	MCF	Δ	BID	ADDENDUM	No. 1

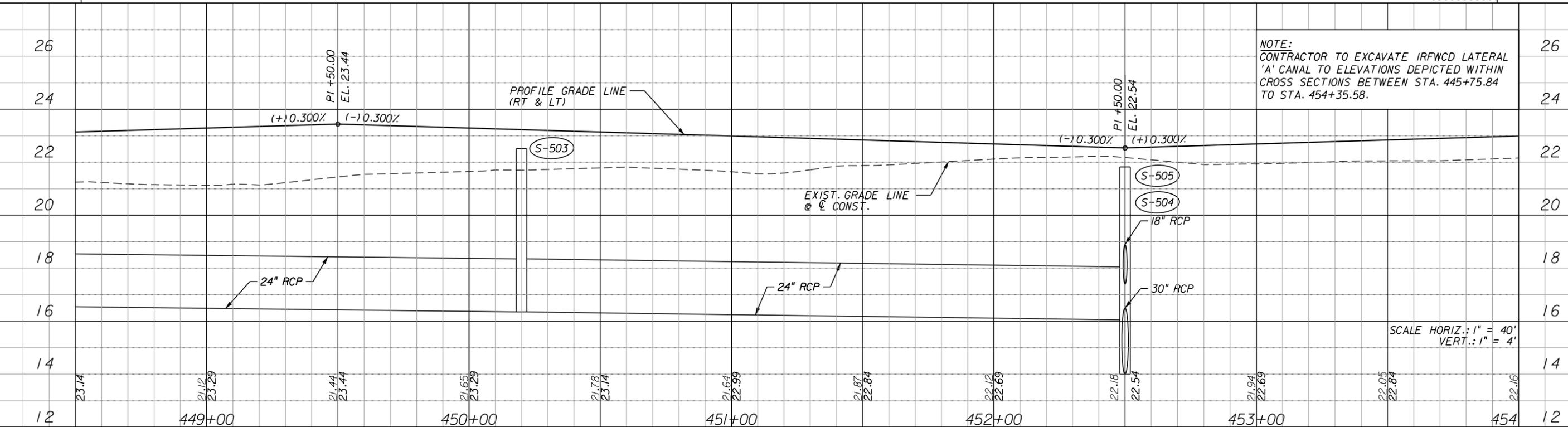
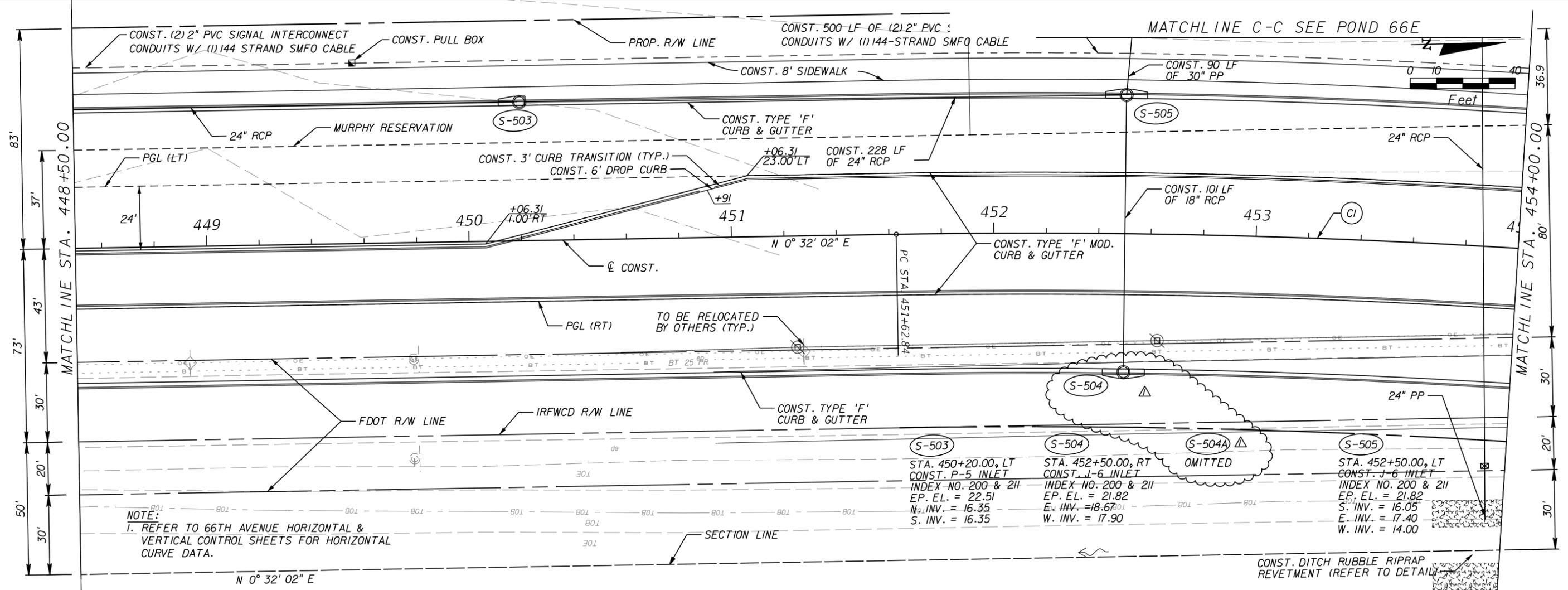
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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
 66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET

**66th AVENUE
 PLAN & PROFILE**

SHEET NO. 24

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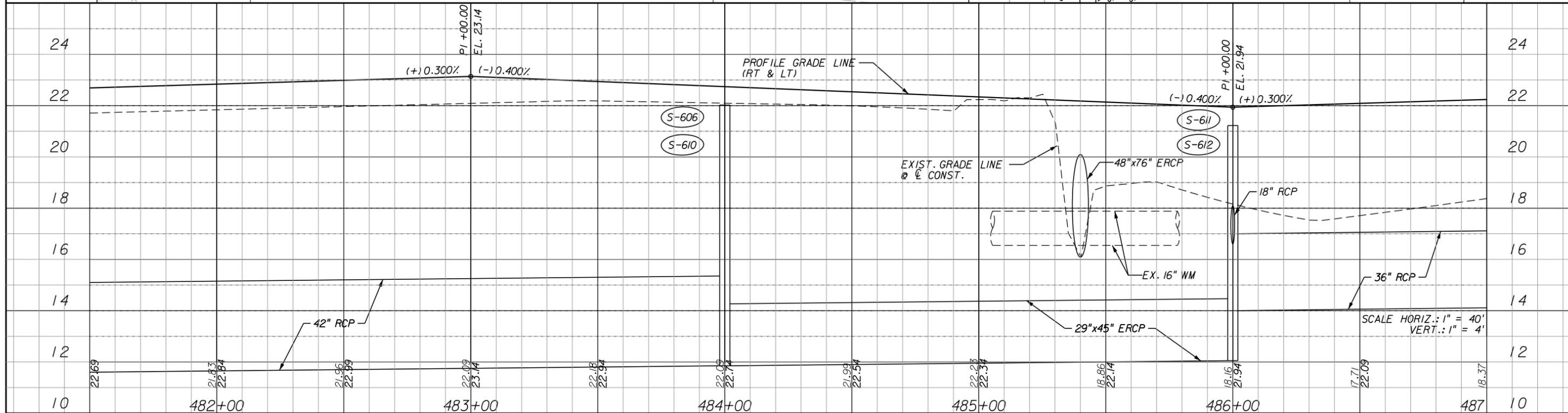
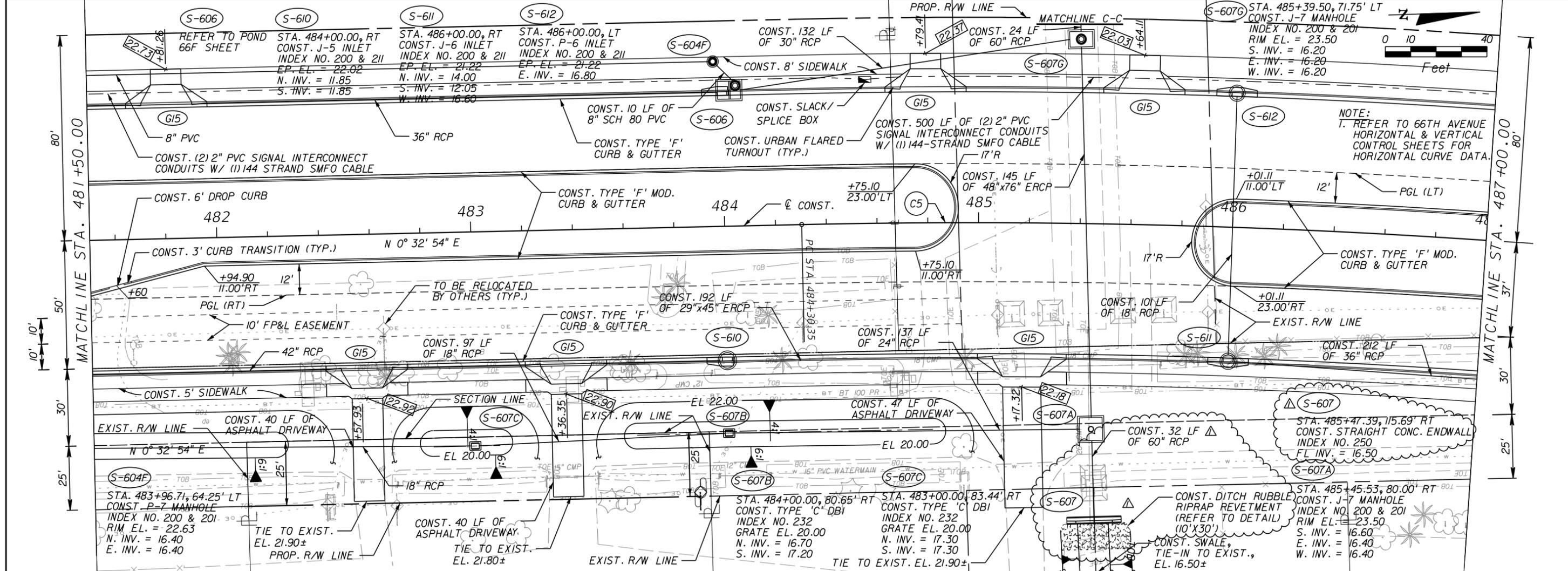
REVISIONS			
DATE	BY	DESCRIPTION	
2/20/23	MCF	△ BID ADDENDUM No. 1	

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
 66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET

**66th AVENUE
 PLAN & PROFILE**

SHEET NO.	25
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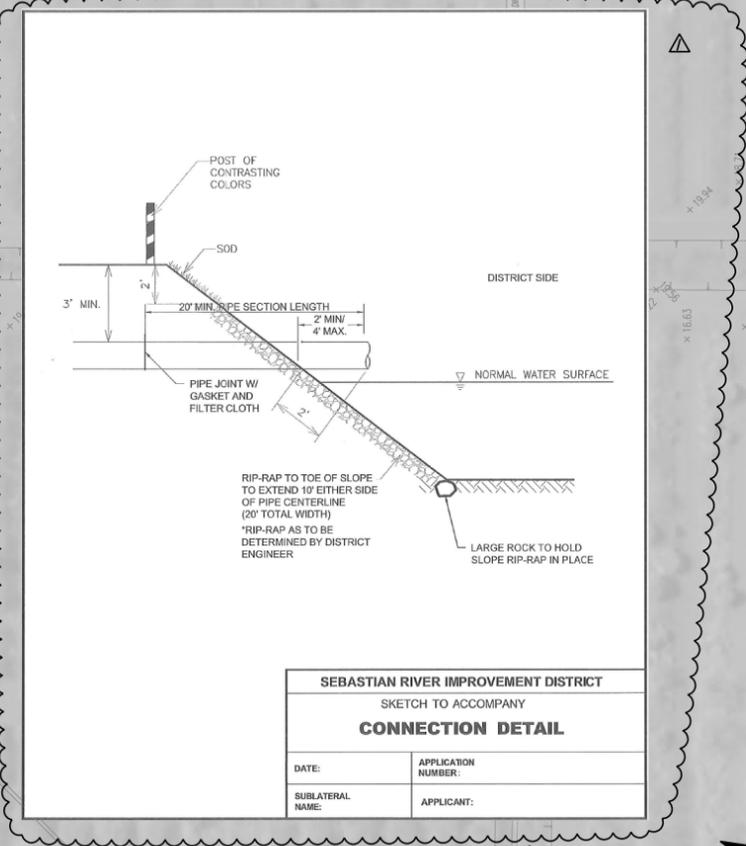


REVISIONS			
DATE	BY	DESCRIPTION	
2/20/23	MCF	△ BID ADDENDUM No. 1	

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 REGISTRY No. 35106

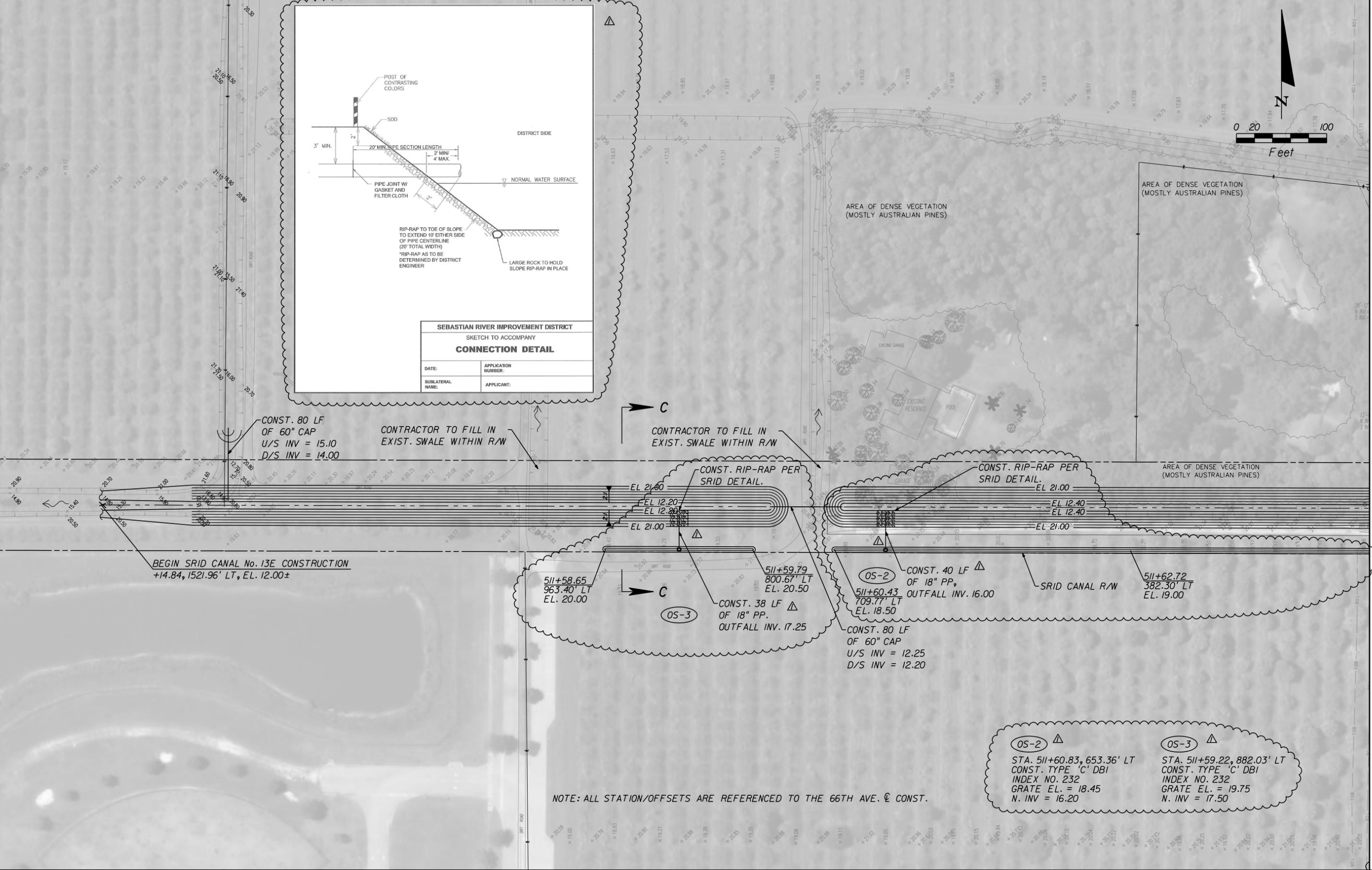
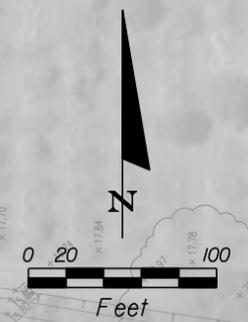
**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

**66th AVENUE
 PLAN & PROFILE**
 SHEET NO. 31



SEBASTIAN RIVER IMPROVEMENT DISTRICT
 SKETCH TO ACCOMPANY
CONNECTION DETAIL

DATE:	APPLICATION NUMBER:
SUBLATERAL NAME:	APPLICANT:



BEGIN SRID CANAL No. 13E CONSTRUCTION
 +14.84, 1521.96' LT, EL. 12.00±

NOTE: ALL STATION/OFFSETS ARE REFERENCED TO THE 66TH AVE. @ CONST.

OS-2
 STA. 511+60.83, 653.36' LT
 CONST. TYPE 'C' DBI
 INDEX NO. 232
 GRATE EL. = 18.45
 N. INV = 16.20

OS-3
 STA. 511+59.22, 882.03' LT
 CONST. TYPE 'C' DBI
 INDEX NO. 232
 GRATE EL. = 19.75
 N. INV = 17.50

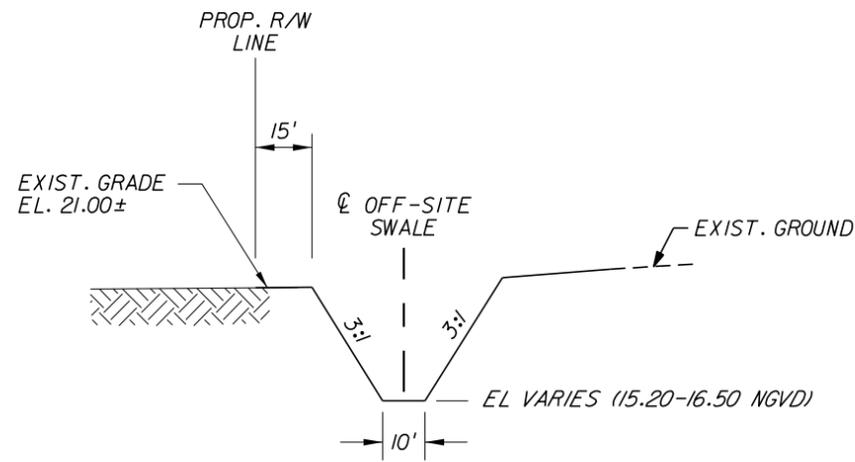
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	△ BID ADDENDUM No. 1			

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
 66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET

POND 66G

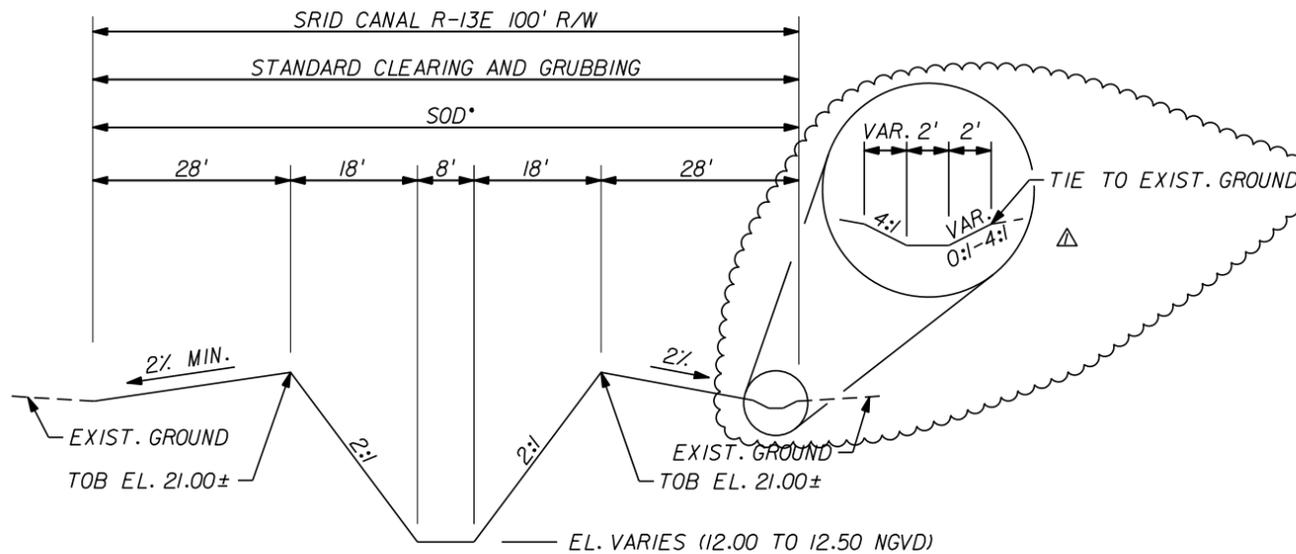
SHEET NO.	52
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SECTION A-A
N.T.S.

NOTES:

1. REFER TO POND 66G PLAN LAYOUT FOR ADDITIONAL INFORMATION REGARDING VERTICAL AND HORIZONTAL CONTROL.

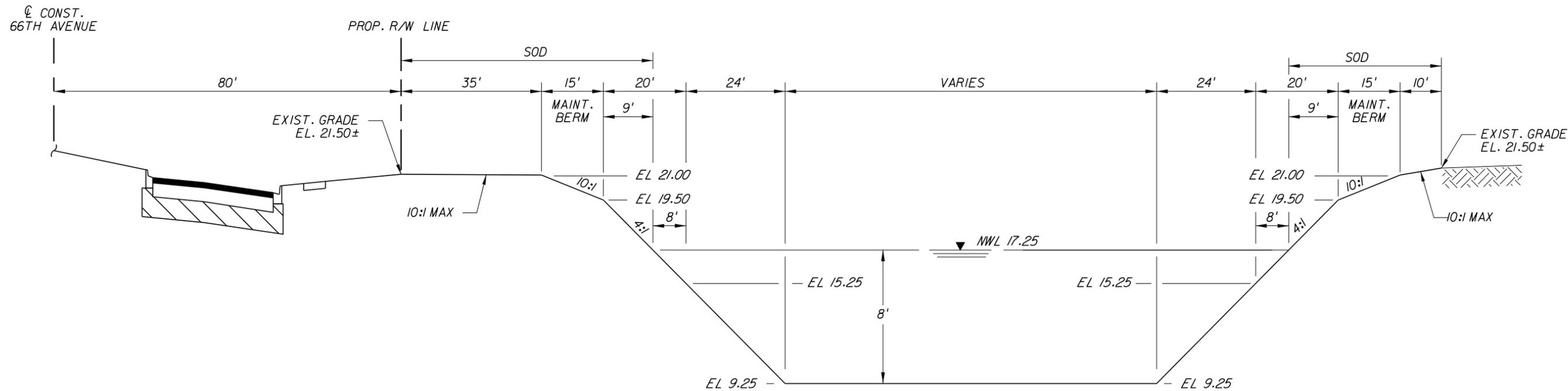


SRID CANAL R-13E SECTION C-C
N.T.S.

NOTES:

1) ALL SOD PLACED ON 2:1 SLOPE (OR GREATER) SHALL BE PEGGED AS PER FDOT STANDARDS.

WITHIN THE SRID SUB-LATERAL R-13E RIGHT-OF-WAY, ALONG BOTH SIDES OF THE CANAL, A MINIMUM 25 FOOT WIDE STABILIZED ACCESS ROAD SHALL BE PROVIDED FOR DISTRICT MAINTENANCE ACCESS. THE 25 FOOT MINIMUM WIDTH SHALL BE MEASURED BETWEEN THE TOP OF BANK AND THE CATCH BASIN / CENTERLINE OF SWALE. THE ACCESS ROAD SHALL BE SOD OVER 12" (MIN.) STABILIZED SUBGRADE HAVING A MINIMUM COMPACTION OF 98% AND MINIMUM LBR OF 40.



POND 66G SECTION B-B
N.T.S.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	△ BID ADDENDUM No. 1			

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
 66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET

POND 66G

SHEET NO.

53

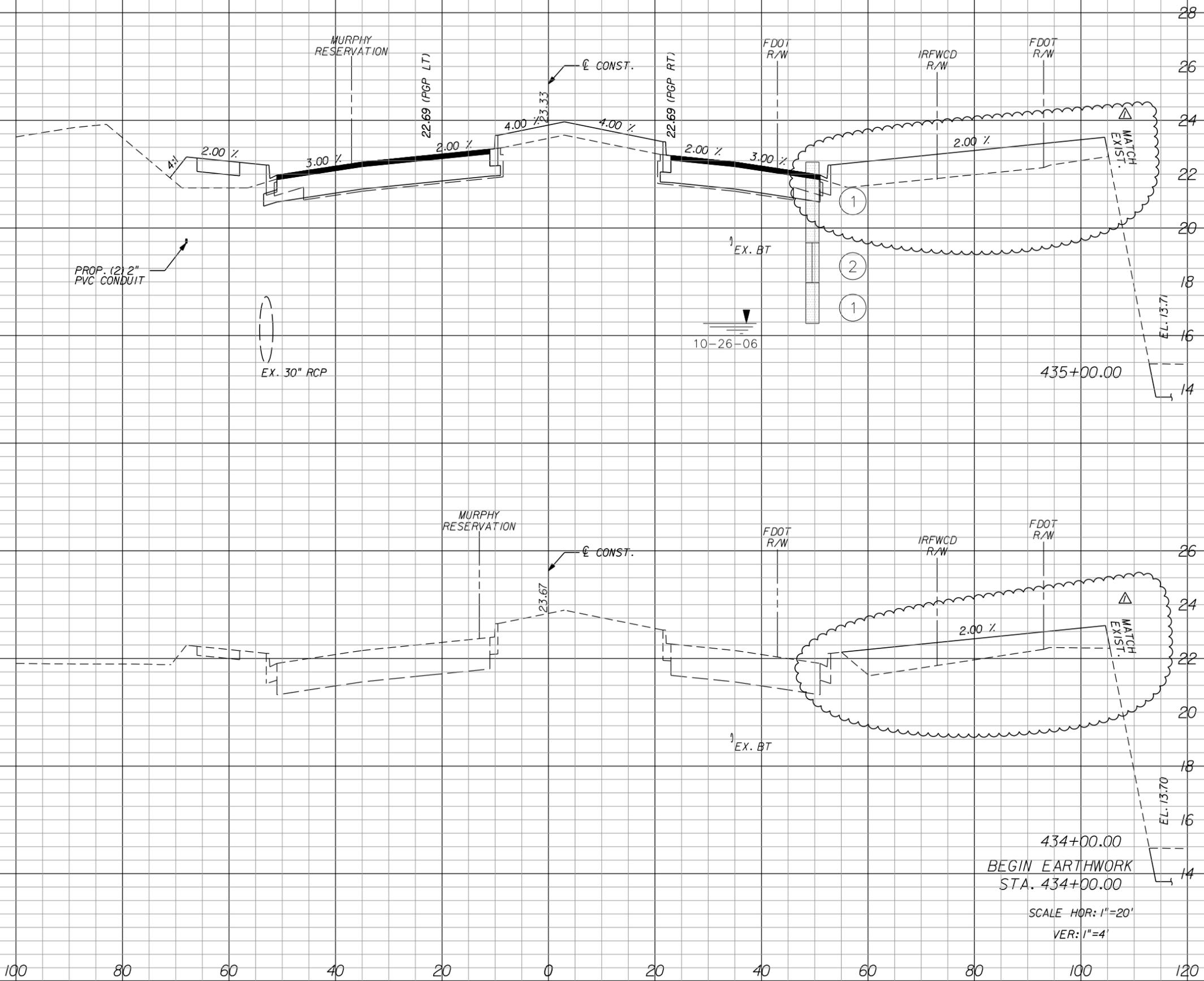
Regular Exc. Embankment Subsoil Exc.

A V A V A V

1505B

IRCO Proj. No.

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73.8		72.7	△
	136.7		204.8

0.0		37.9	△
	0.0		0.0

REVISIONS					
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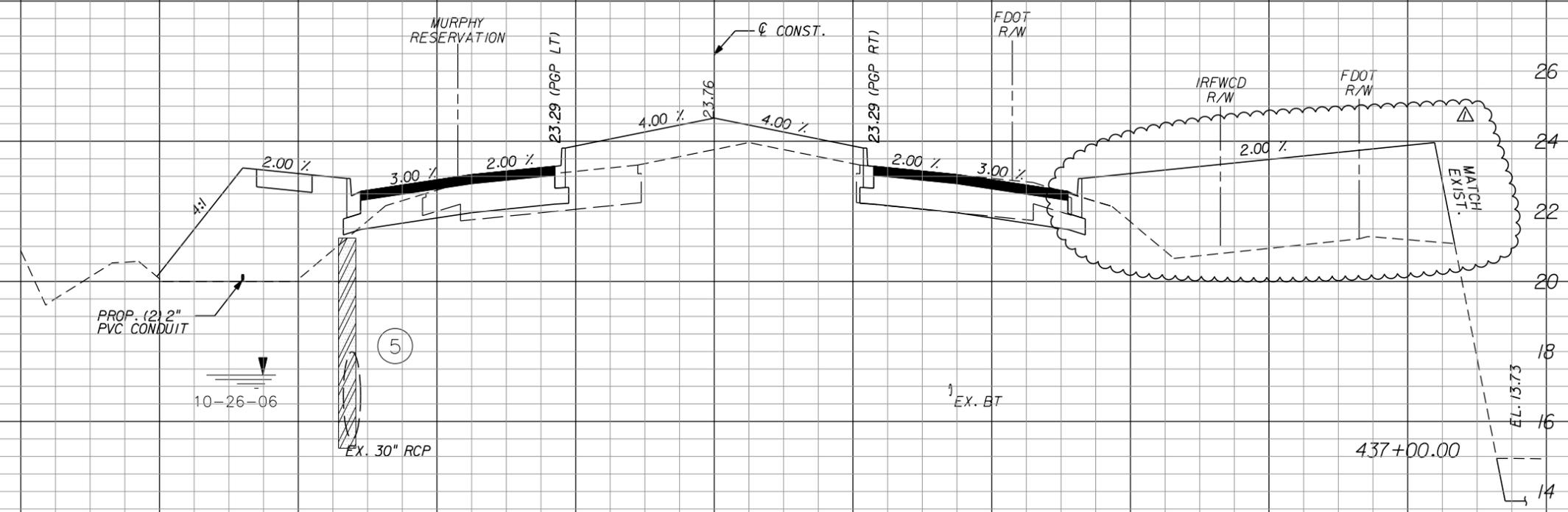
**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

**66th AVENUE
 CROSS SECTIONS**

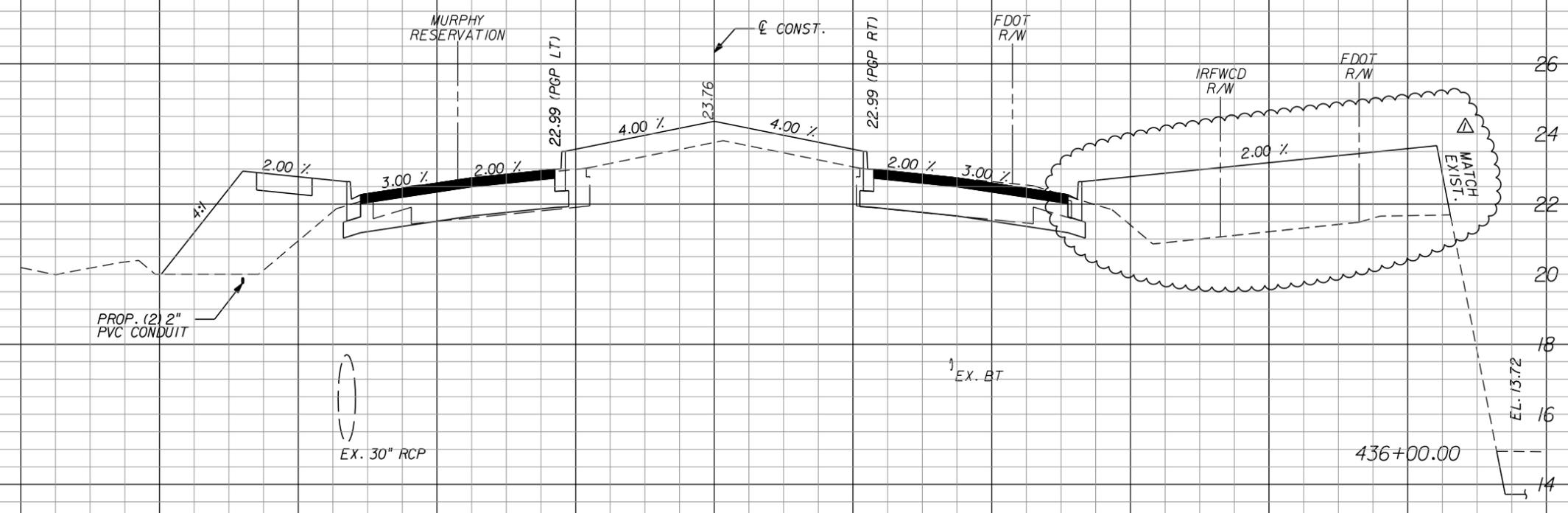
SHEET NO.
62

Regular Exc. Exc. Embankment Subsoil Exc.
 A V A V A V

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57.8	232.8	207.8	△	679.6
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67.9	262.4	159.2	△	429.4
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SCALE HOR: 1"=20'
 VER: 1"=4'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	△ BID ADDENDUM No. 1			

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INDIAN RIVER COUNTY
BOARD OF COUNTY COMMISSIONERS
66th AVENUE FROM 69th STREET
TO SR-510/85th STREET

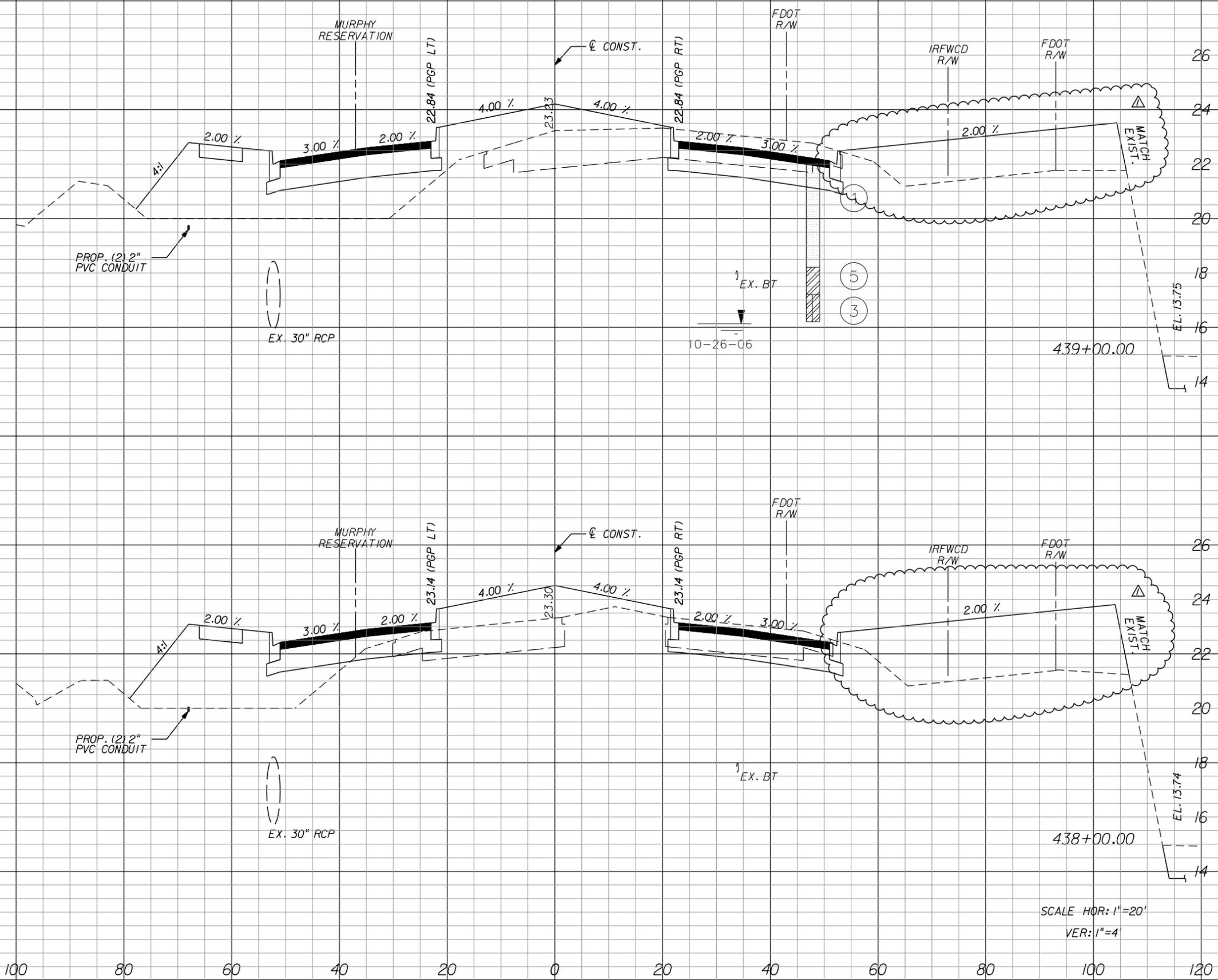
66th AVENUE
CROSS SECTIONS

SHEET NO.
 63

Regular Exc.		Embankment		Subsoil Exc.	
A	V	A	V	A	V

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

I.R.CO. Proj. No. 1505B



49.4	184.1	199.6	757.8
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50.0	199.6	209.6	773.0
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SCALE HOR: 1"=20'
VER: 1"=4'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	△ BID ADDENDUM No. 1			

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

**66th AVENUE
 CROSS SECTIONS**

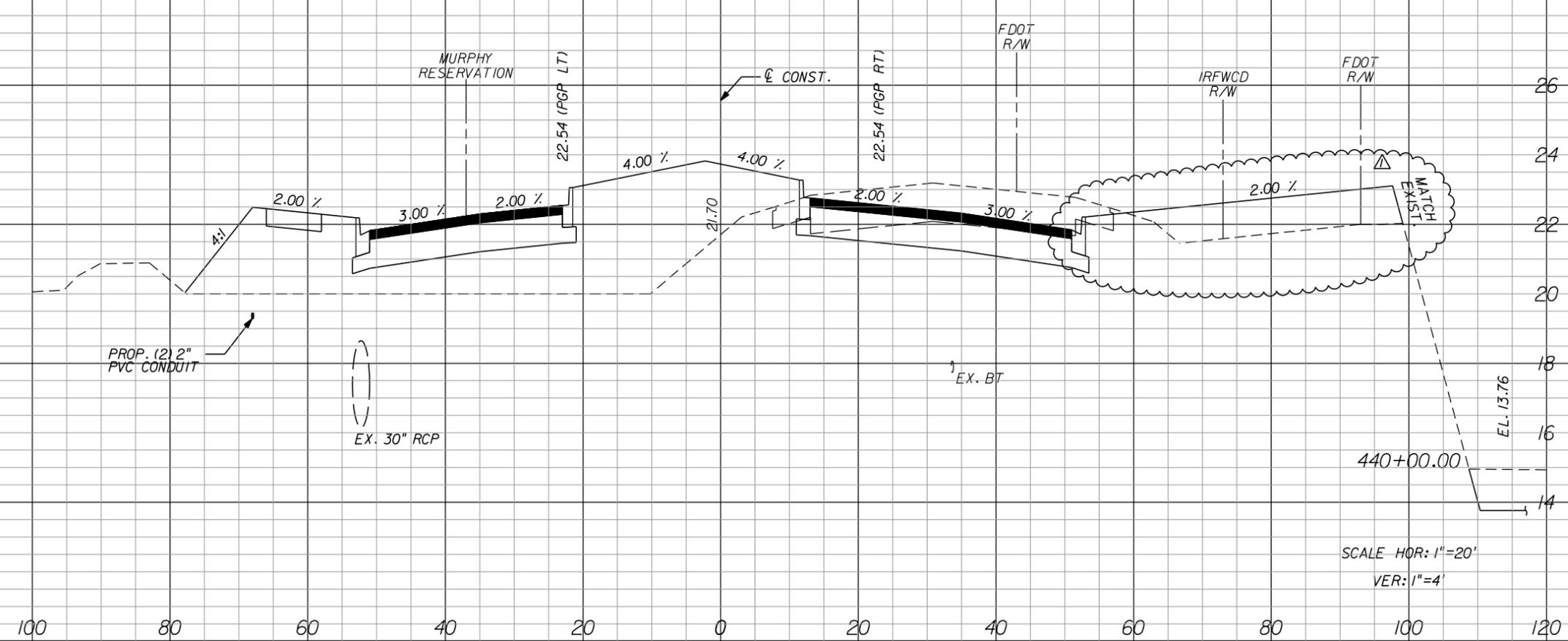
SHEET NO.
64

Regular Exc. Embankment Subsoil Exc.

A V A V A V

IRCO Proj. No. 1505B

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73.7		193.3	△
	228.0		727.6

REVISIONS					
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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

**66th AVENUE
 CROSS SECTIONS**

SHEET NO.
65

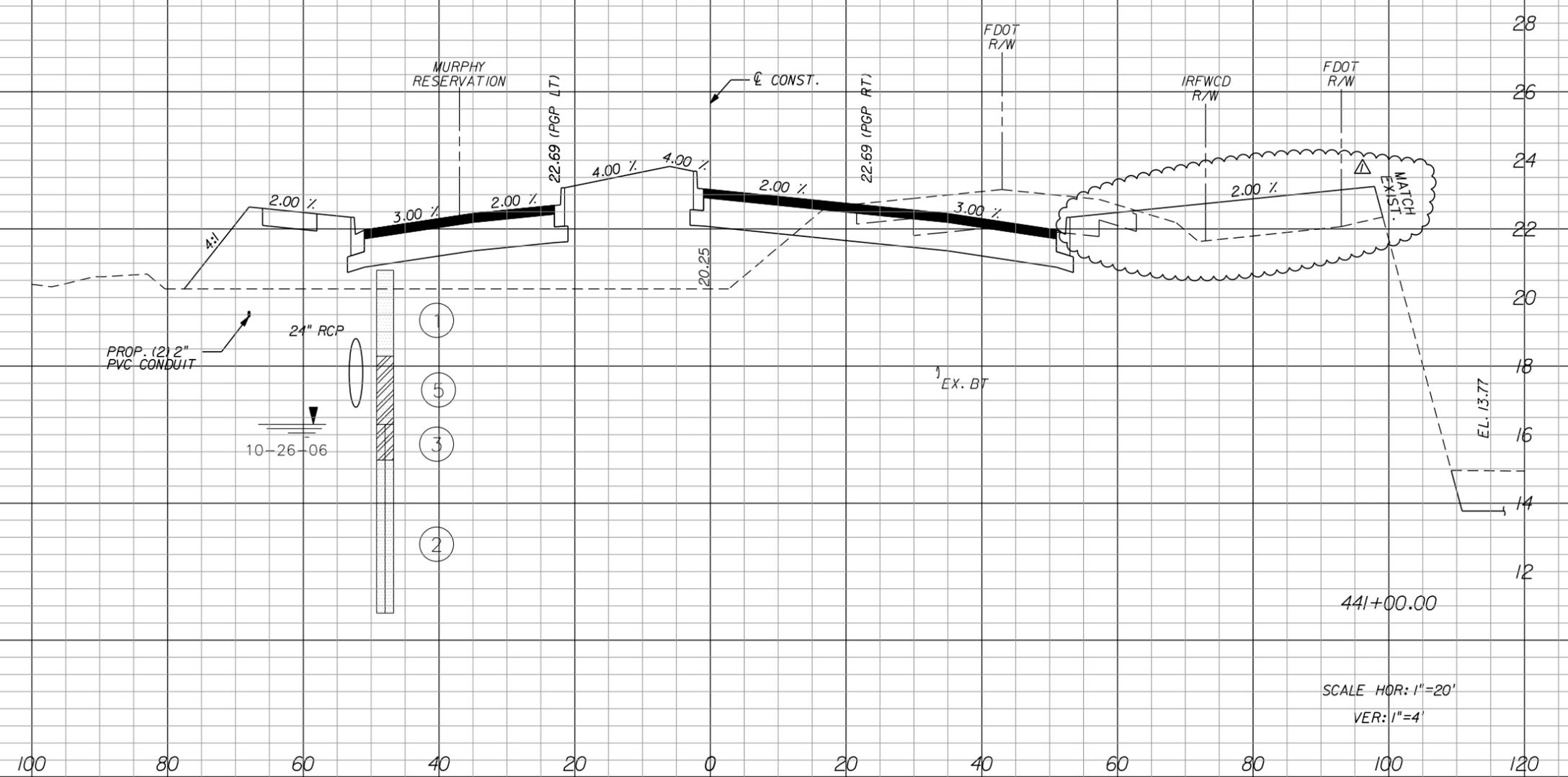
Regular Exc. Embankment Subsoil Exc.

A V A V A V

I.R.CO. Proj. No.

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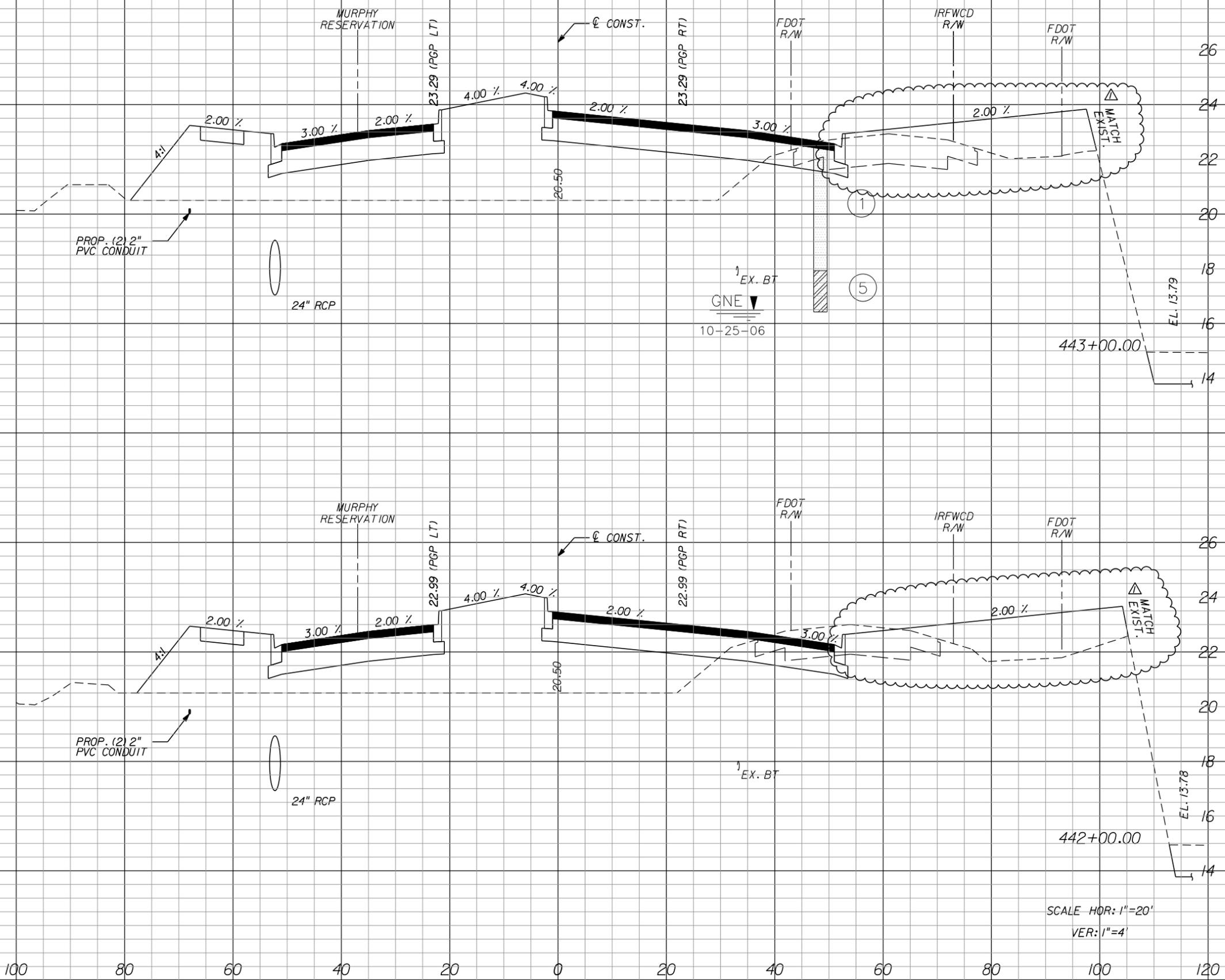
**INDIAN RIVER COUNTY
BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
TO SR-510/85th STREET**

**66th AVENUE
CROSS SECTIONS**

SHEET NO.
66

Regular Exc. Embankment Subsoil Exc.
 A V A V A V

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12.4	76.1	270.2	△	932.2
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28.7	172.0	233.2	△	774.4
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SCALE HOR: 1"=20'
 VER: 1"=4'

REVISIONS					
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2/20/23	MCF	△ BID ADDENDUM No. 1			

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

**66th AVENUE
 CROSS SECTIONS**

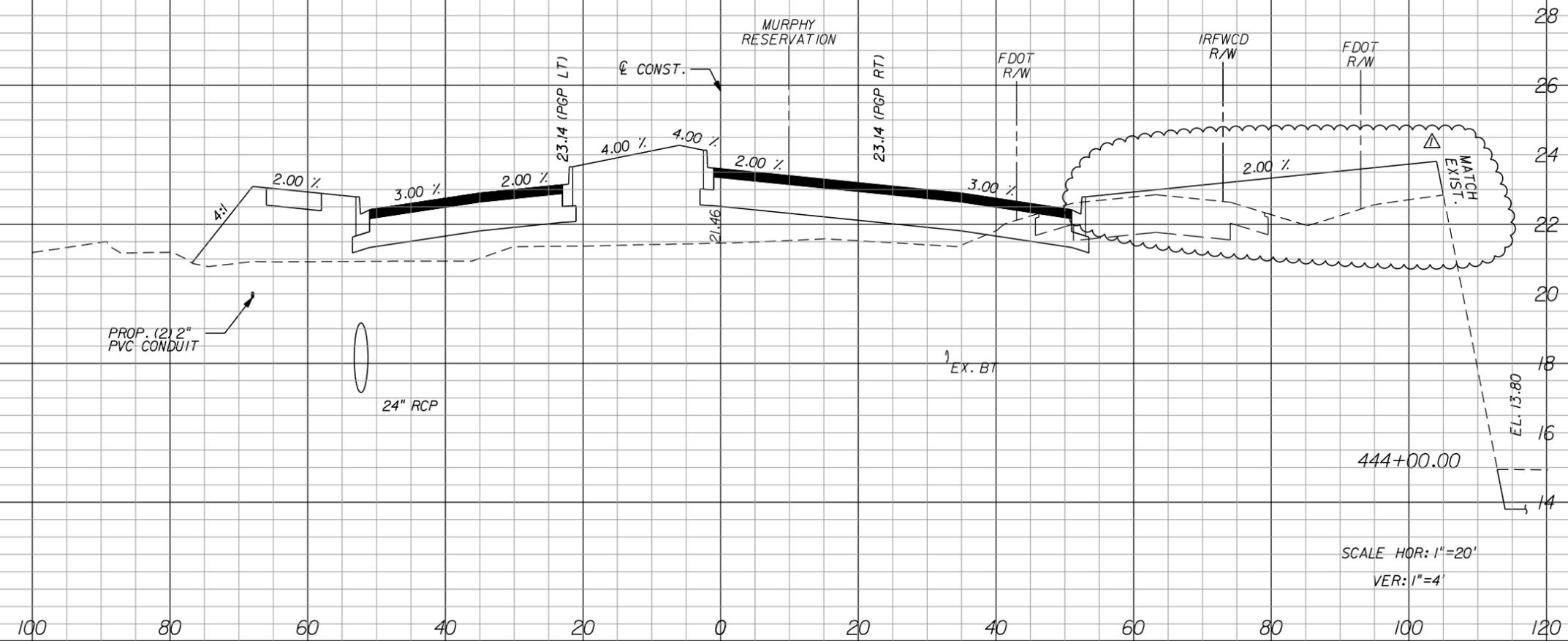
SHEET NO.
 67

Regular Exc. Embankment Subsoil Exc.

A V A V A V

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11.4	44.1	170.8	816.7
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SCALE HOR: 1"=20'
VER: 1"=4'

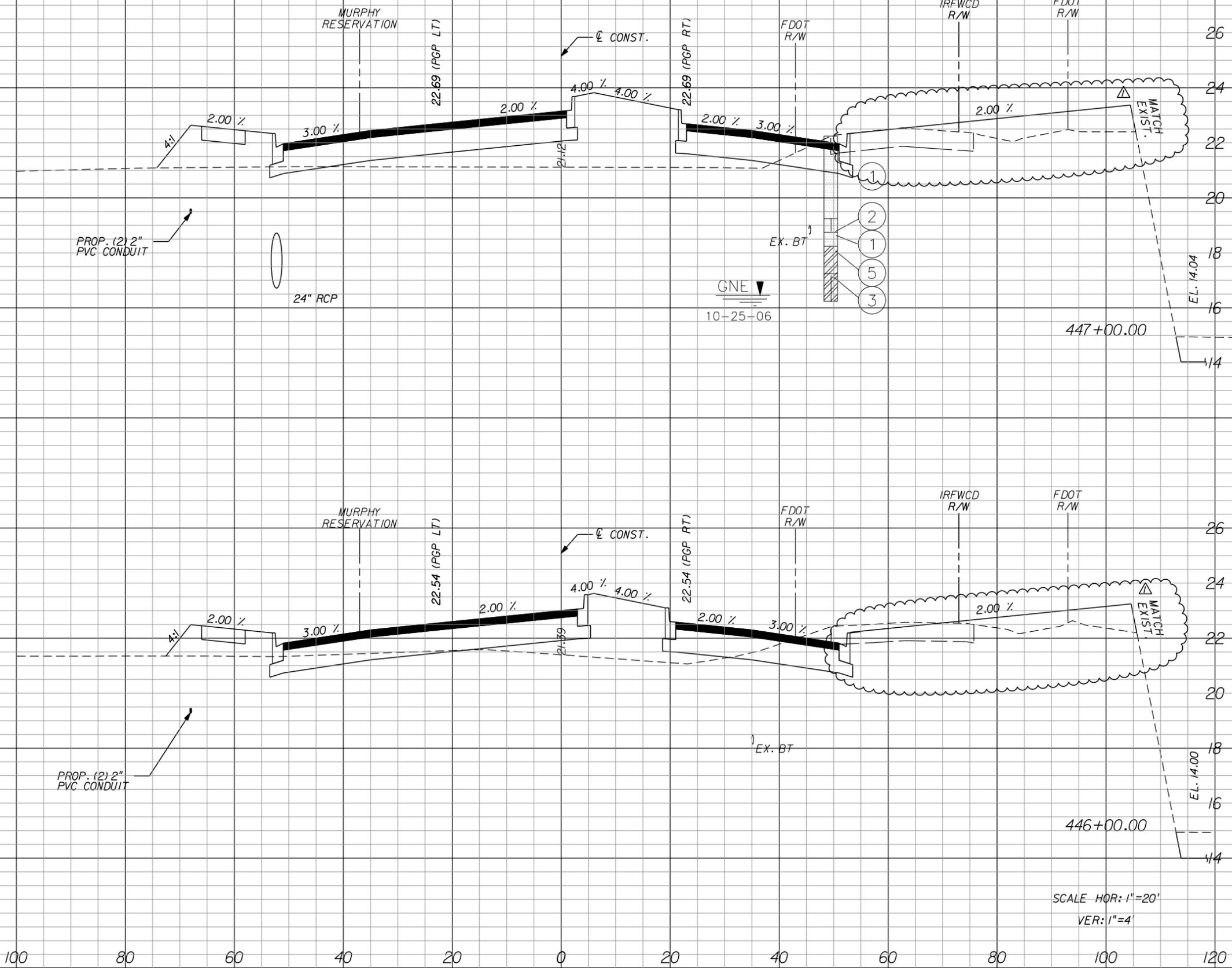
DATE		BY		DESCRIPTION	
2/20/23	MCF	△		BID ADDENDUM No. 1	

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

**66th AVENUE
 CROSS SECTIONS**

SHEET NO.
68



14.2	88.1	123.0	△	360.6
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33.4	121.5	71.7	△	552.8
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SCALE HOR: 1"=20'
VER: 1"=4'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	△ BID ADDENDUM No. 1			

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

**66th AVENUE
 CROSS SECTIONS**

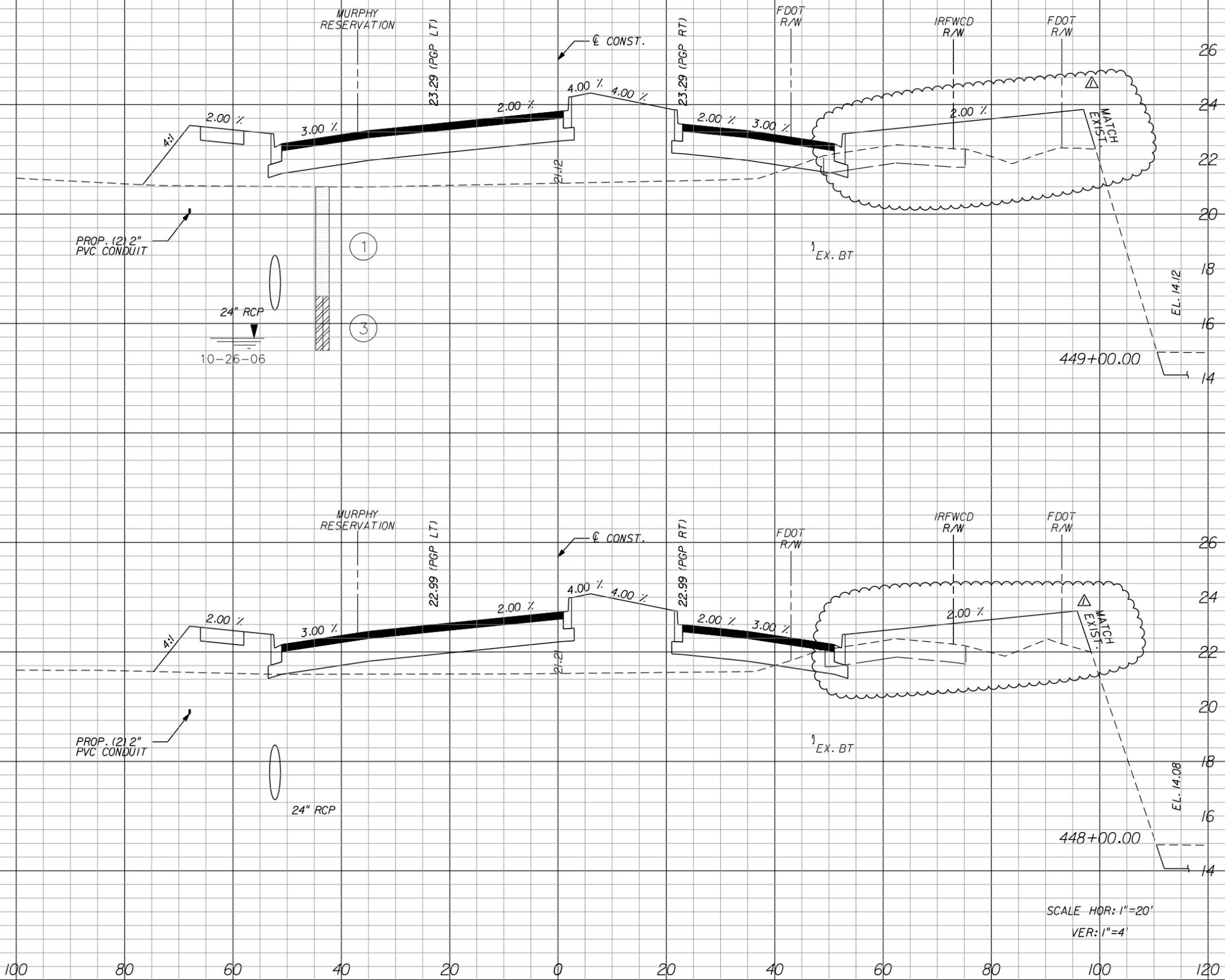
SHEET NO.
70

Regular Exc. Embankment Subsoil Exc.

A V A V A V

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IRCO Proj. No. 1505B



4.8		216.6	△
	23.9		687.8

8.1		154.8	△
	41.3		514.4

SCALE HOR: 1"=20'
VER: 1"=4'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	△ BID ADDENDUM No. 1			

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

**66th AVENUE
 CROSS SECTIONS**

SHEET NO.
71

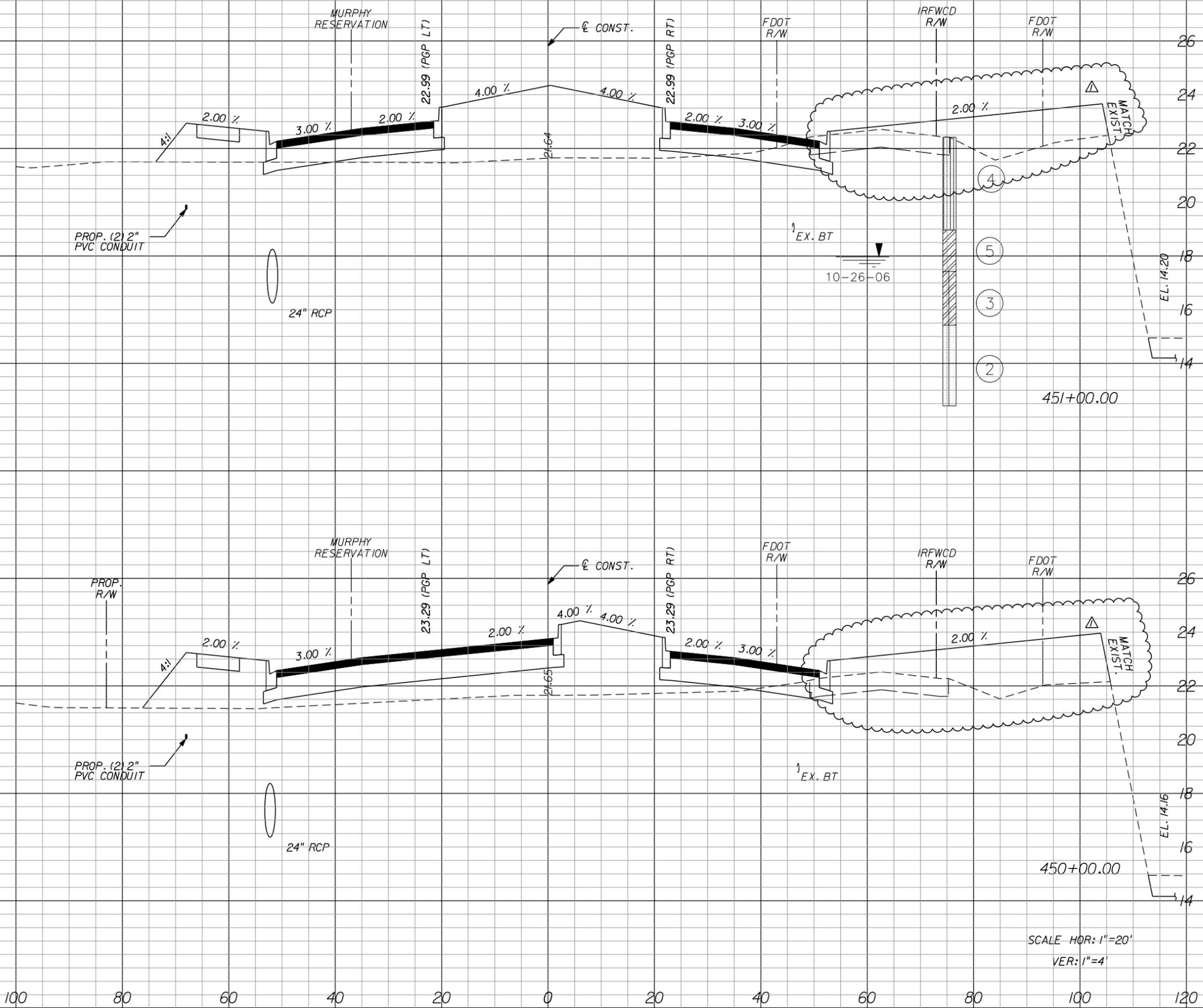
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A V A V A V

1505B

IRCO Proj. No.

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16.2		168.0	△
	42.8		665.0

6.9		191.1	△
	21.7		755.0

SCALE HOR: 1"=20'
VER: 1"=4'

REVISIONS					
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2/20/23	MCF	△ BID ADDENDUM No. 1			

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

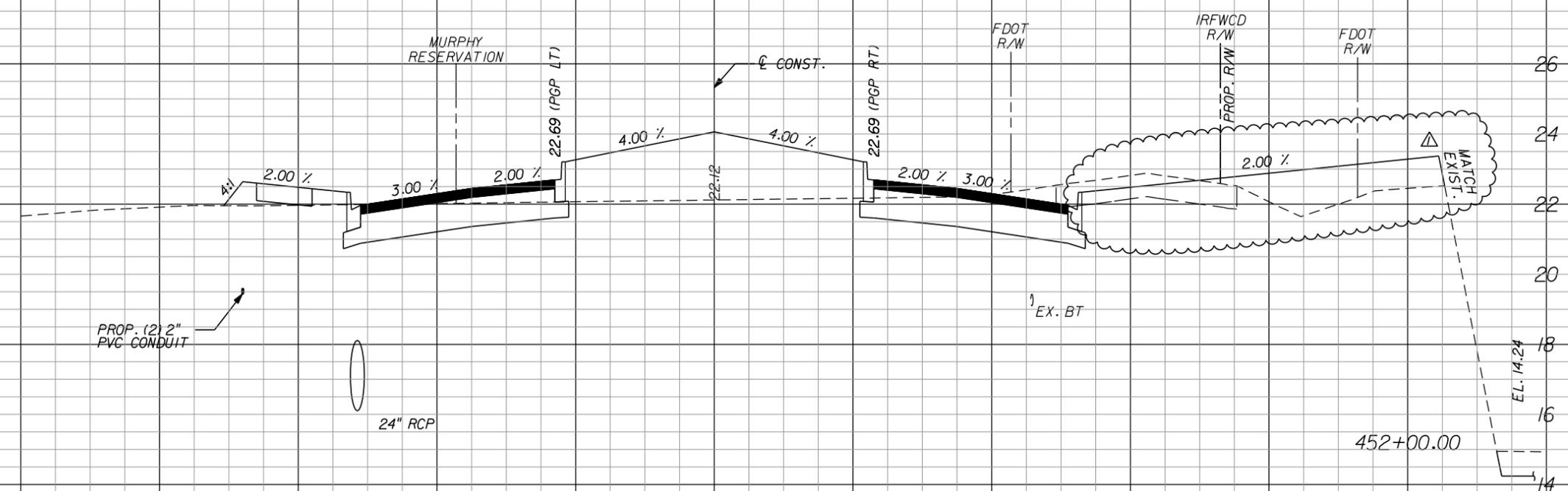
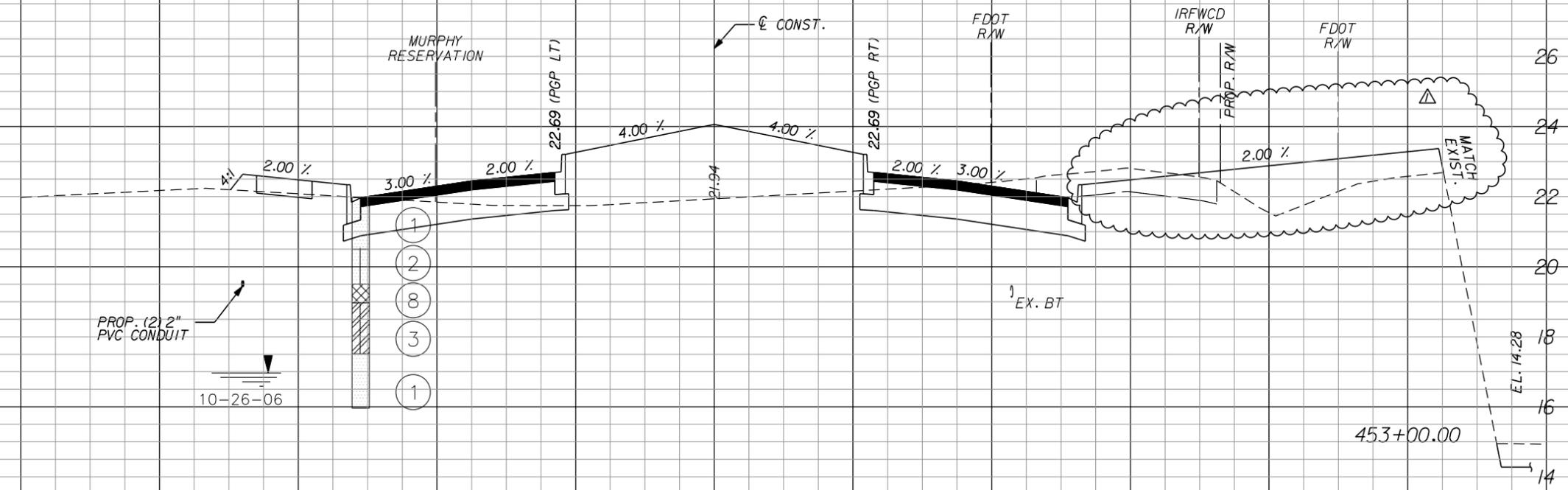
**66th AVENUE
 CROSS SECTIONS**

SHEET NO.
72

Regular Exc. Embankment Subsoil Exc.

A V A V A V

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SCALE HOR: 1"=20'
VER: 1"=4'

100 80 60 40 20 0 20 40 60 80 100 120

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	△ BID ADDENDUM No. 1			

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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

**66th AVENUE
 CROSS SECTIONS**

SHEET NO.
73

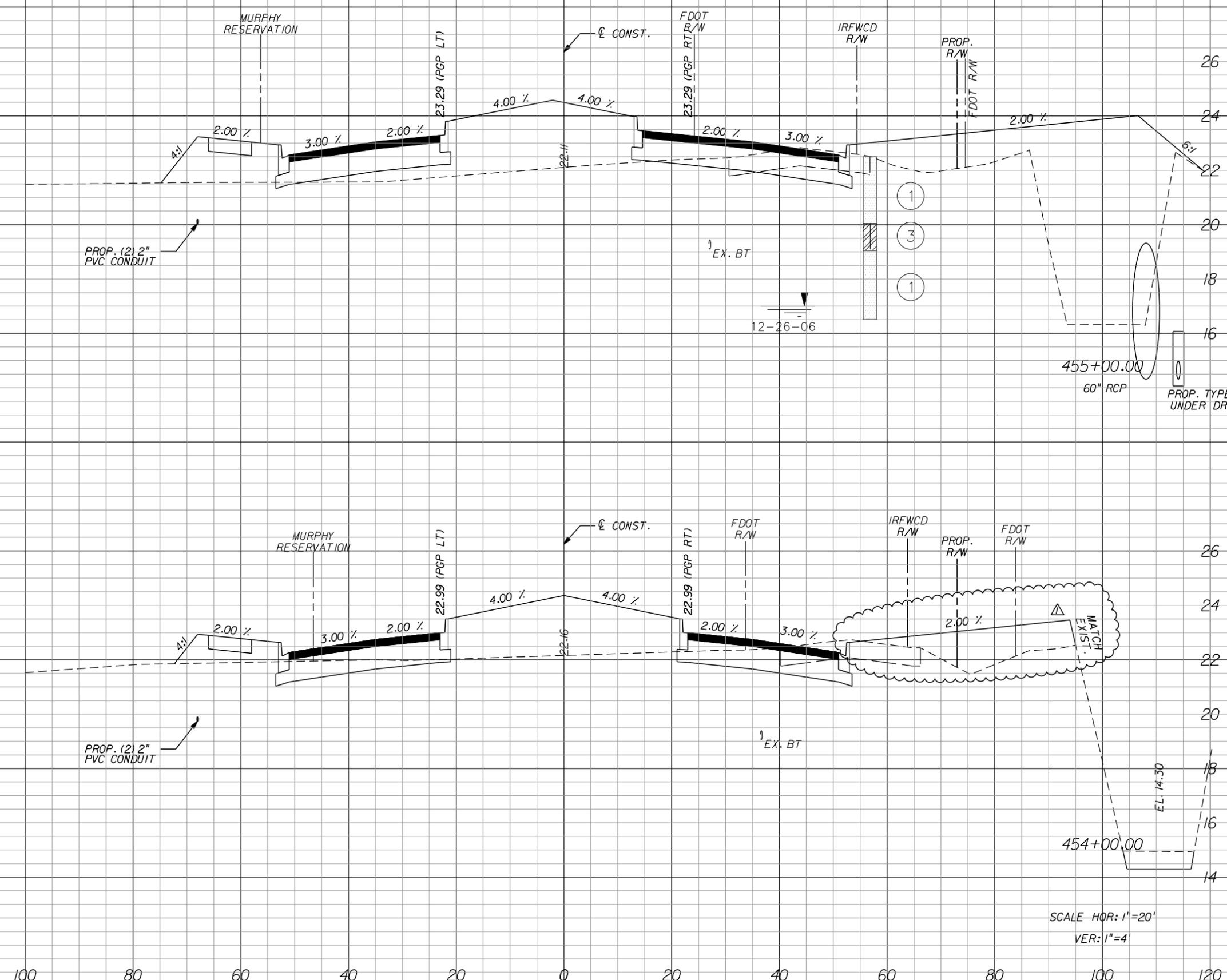
Regular Exc. Embankment Subsoil Exc.

A V A V A V

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1505B

I.R.CO. Proj. No.



24.5	122.6	304.0	789.6
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41.68	185.1	122.4	422.6
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SCALE HOR: 1"=20'
VER: 1"=4'

REVISIONS			
DATE	BY	DESCRIPTION	
2/20/23	MCF	△ BID ADDENDUM No. 1	

Kimley»Horn
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**INDIAN RIVER COUNTY
 BOARD OF COUNTY COMMISSIONERS**
**66th AVENUE FROM 69th STREET
 TO SR-510/85th STREET**

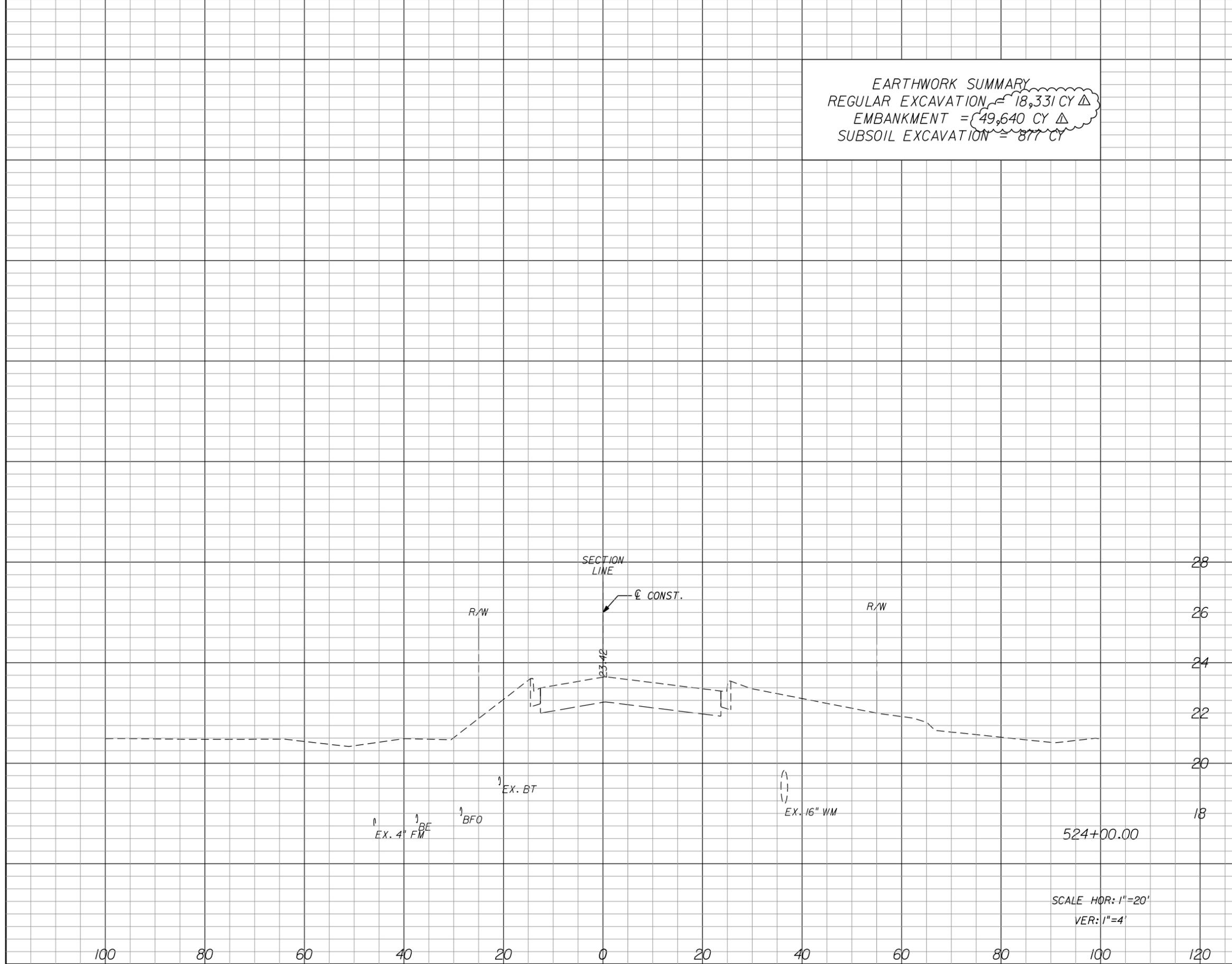
**66th AVENUE
 CROSS SECTIONS**

SHEET NO.
74

Regular Exc. Embankment Subsoil Exc.

A V A V A V

EARTHWORK SUMMARY
 REGULAR EXCAVATION = 18,331 CY Δ
 EMBANKMENT = 49,640 CY Δ
 SUBSOIL EXCAVATION = 877 CY



28
26
24
22
20
18
524+00.00

SCALE HOR: 1"=20'
 VER: 1"=4'

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
2/20/23	MCF	Δ BID ADDENDUM No. 1			

Kimley»Horn
 BRIAN A. GOOD, P.E.
 P.E. LICENSE NUMBER 56939
 445 24th STREET, SUITE 200
 VERO BEACH, FL 32960
 (772) 794-4100
 REGISTRY No. 696

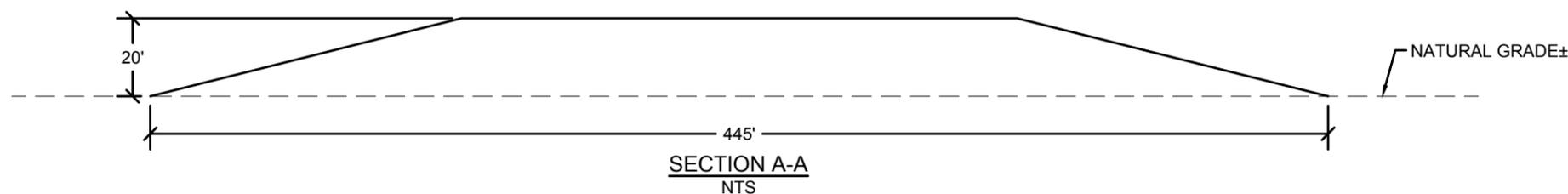
INDIAN RIVER COUNTY
BOARD OF COUNTY COMMISSIONERS
66th AVENUE FROM 69th STREET
TO SR-510/85th STREET

66th AVENUE
CROSS SECTIONS

SHEET NO.
122

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C. I.R.CO. Proj. No. 1505B

Y:_mm\Projects\2021\2108 - Liberty Park - Phase 1+2\ENG\CADD\Exhibits\2108-Stockpile Exhibit.dwg



1"=500'

NO.	DATE	DESCRIPTION	DR/APP
REVISIONS			

M M MASTELLER & MOLER, INC.
 CONSULTING ENGINEERS
 1655 27th STREET - SUITE 2, VERO BEACH, FLORIDA 32960
 (772) 567-5300 / FAX (772) 794-1106
 CERTIFICATE OF AUTHORIZATION #4204

STOCKPILE LOCATION EXHIBIT
LIBERTY PARK PDTND
RYALL ACQUISITION GROUP, LLC

INDIAN RIVER COUNTY
 FLORIDA

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2108-Stockpile Exhibit.dwg

DRAWN	JTH
DESIGNED	SEM
CHECKED	SEM
DATE	3/8/2023
SCALE	1"=500'
SHEET	1 of 1
DWG NO.	2108

03/08/2023
 STEPHEN E. MOLER, P.E. FL #33193

ITEMIZED BID SCHEDULE

PROJECT NAME: 66TH AVENUE FROM 69TH STREET TO SR-510/85TH STREET

PROJECT NO. IRC-1505B BID NO. 2023016 FM NOS. 436379-2-54-01

BIDDER'S NAME: _____

***ADDENDUM No. 1**

Item No.	Description	Unit	Unit Price	Quantity	Amount
ROADWAY					
101-1	MOBILIZATION/ DEMOBILIZATION	LS		1	
102-1	MAINTENANCE OF TRAFFIC	LS		1	
102-14	TRAFFIC CONTROL OFFICER (OFF DUTY LAW ENFORCEMENT)	PH		500	
104-2	PREVENTION, CONTROL & ABATEMENT OF EROSION AND WATER POLLUTION	LS		1	
110-1-1	CLEARING & GRUBBING	LS		1	
*110-1-2	DEMOLITION OF EXISTING BUILDINGS	EA		3	
110-5	PLUGGING WATER WELL - ARTESIAN	EA		6	
110-7-1	MAILBOX F & I	EA		27	
*120-1	REGULAR EXCAVATION	CY		318,808	
120-4	SUBSOIL EXCAVATION	CY		1,027	
120-5	CHANNEL EXCAVATION	CY		1,915	
*120-6	EMBANKMENT	CY		59,799	
*160-4	TYPE "B" STABILIZATION	SY		100,633	
285-709	OPTIONAL BASE GROUP 9	SY		71,787	
286-1	TURNOUT CONSTRUCTION	SY		920	
334-1-13	SUPERPAVE ASPHALT CONCRETE (SP-12.5) (TRAFFIC C) (2.0")	TN		8,242	
337-7-82	ASPHALTIC CONCRETE FRICTION COURSE (FC-9.5) (TRAFFIC C) (1.0")	TN		4,121	
400-1-2	CLASS I CONCRETE (ENDWALL)	CY		14.97	
*400-2-2	CLASS II CONCRETE (ENDWALL)	CY		22.60	
*415-1-1	REINFORCING STEEL (ROADWAY)	LB		1,390	
425-1-351	INLETS (CURB) (TYPE P-5) (<10')	EA		8	
425-1-355	INLETS (CURB) (TYPE P-5) (PARTIAL)	EA		1	
425-1-361	INLETS (CURB) (TYPE P-6) (<10')	EA		17	
425-1-451	INLETS (CURB) (TYPE J-5) (<10')	EA		3	
425-1-451B	INLETS (CURB) (TYPE J-5) (<10') (CONTROL STRUCTURE)	EA		1	

ITEMIZED BID SCHEDULE

PROJECT NAME: 66TH AVENUE FROM 69TH STREET TO SR-510/85TH STREET

PROJECT NO. IRC-1505B BID NO. 2023016 FM NOS. 436379-2-54-01

BIDDER'S NAME: _____

***ADDENDUM No. 1**

Item No.	Description	Unit	Unit Price	Quantity	Amount
425-1-452	INLETS (CURB) (TYPE J-5) (>10')	EA		3	
425-1-461	INLETS (CURB) (TYPE J-6) (<10')	EA		7	
425-1-462	INLETS (CURB) (TYPE J-6) (>10')	EA		2	
*425-1-521	INLETS (DT BOT) (TYPE C) (<10')	EA		11	
425-1-541	INLETS (DT BOT) (TYPE D) (<10')	EA		1	
425-1-559	INLETS (DT BOT) (TYPE E) (>10') (CONTROL STRUCTURE)	EA		1	
425-1-582	INLETS (DT BOT) (TYPE H, 4-GRATE) (>10') (CONTROL STRUCTURE)	EA		1	
425-2-41	MANHOLES (P-7) (<10')	EA		6	
425-2-63	MANHOLE (P-8) (PARTIAL) (TOP ONLY)	EA		3	
425-2-71	MANHOLES (J-7) (<10')	EA		9	
*425-1-11	MODIFY EXIST. DRAINAGE STRUCTURE	EA		1	
*430-175-118	PIPE CULVERT (RCP) (ROUND) (18" SS)	LF		2,339	
*430-175-118B	PIPE CULVERT (P.P.) (ROUND) (18" SS)	LF		310	
430-175-124	PIPE CULVERT (RCP) (ROUND) (24" SS)	LF		1,412	
430-175-124B	PIPE CULVERT (P.P.) (ROUND) (24" SS)	LF		467	
430-175-130	PIPE CULVERT (RCP) (ROUND) (30" SS)	LF		1,244	
430-175-130B	PIPE CULVERT (P.P.) (ROUND) (30" SS)	LF		118	
430-175-136	PIPE CULVERT (RCP) (ROUND) (36" SS)	LF		1,818	
430-175-142	PIPE CULVERT (RCP) (ROUND) (42" SS)	LF		394	
430-175-142B	PIPE CULVERT (P.P.) (ROUND) (42" SS)	LF		136	
430-175-148	PIPE CULVERT (RCP) (ROUND) (48" SS)	LF		314	
430-175-148B	PIPE CULVERT (P.P.) (ROUND) (48" SS)	LF		104	
430-175-154	PIPE CULVERT (RCP) (ROUND) (54" SS)	LF		27	
*430-175-160	PIPE CULVERT (RCP) (ROUND) (60" SS)	LF		2,032	
430-175-160A	PIPE CULVERT (C.A.P.) (ROUND) (60" SS)	LF		160	
430-175-166	PIPE CULVERT (RCP) (ROUND) (66" SS)	LF		123	
430-175-172	PIPE CULVERT (RCP) (ROUND) (72" SS)	LF		522	

ITEMIZED BID SCHEDULE

PROJECT NAME: 66TH AVENUE FROM 69TH STREET TO SR-510/85TH STREET

PROJECT NO. IRC-1505B BID NO. 2023016 FM NOS. 436379-2-54-01

BIDDER'S NAME: _____

***ADDENDUM No. 1**

Item No.	Description	Unit	Unit Price	Quantity	Amount
430-175-184	PIPE CULVERT (RCP) (ROUND) (84" SS)	LF		40	
430-175-215	PIPE CULVERT (ERCP) (12" X 18" SS)	LF		147	
430-175-236	PIPE CULVERT (ERCP) (29" X 45" SS)	LF		192	
430-175-260	PIPE CULVERT (ERCP) (48" X 76" SS)	LF		145	
430-964-8	PIPE CULVERT (SCH. 80 PVC) (8")	LF		1,341	
430-982-125	MITERED END SECTION (CONC.) (18" CD) (4:1)	EA		1	
430-982-129	MITERED END SECTION (CONC.) (24" CD) (4:1)	EA		2	
*430-982-143	MITERED END SECTION (CONC.) (60" CD) (4:1)	EA		0	
440-1-20	UNDERDRAIN (TYPE II)	LF		1,917	
520-1-10	CONCRETE CURB & GUTTER (TYPE F)	LF		16,420	
520-1-11	CONCRETE CURB & GUTTER (TYPE F) (MOD.)	LF		13,918	
522-2	CONCRETE SIDEWALK & DRIVEWAY , 6" THICK, 3000 PSI, FIBER REINFORCED	SY		10,072	
527-2	DETECTABLE WARNINGS	SF		190	
530-3-4	RIPRAP, RUBBLE (F&I) (DITCH LINING)	TN		760	
550-10-222	FENCING (TYPE B) (6.0') (WITH VINYL COATING)	LF		3,519	
550-60-225	FENCE GATE (TYPE B) (DOUBLE) (24.0' OPENING)	EA		3	
570-1-2A	PERFORMANCE TURF (SOD) (BAHIA)	SY		203,104	
630-2-11A	CONDUIT (OPEN TRENCH) (F&I) (2")	LF		7,735	
633-1-124	FIBER OPTIC CABLE (F&I) (UNDERGROUND) (144 STRAND)	LF		8,635	
633-2-31	FIBER OPTIC CONNECTION (INSTALL) (SPLICE)	EA		108	
633-2-32	FIBER OPTIC CONNECTION (INSTALL) (TERMINATION)	EA		192	
633-3-11	SPLICE ENCLOSURE (F&I) (SPLICE ENCLOSURE)	EA		3	
635-2-12	PULL AND SPLICE BOX (F&I) (17"X30") (PULL BOX)	EA		9	
635-2-13	PULL AND SPLICE BOX (F&I) (30"X48") (SLACK BOX)	EA		9	
999-1	RECORD DRAWINGS	LS		1	
SUB-TOTAL ROADWAY					

ITEMIZED BID SCHEDULE

PROJECT NAME: 66TH AVENUE FROM 69TH STREET TO SR-510/85TH STREET

PROJECT NO. IRC-1505B BID NO. 2023016 FM NOS. 436379-2-54-01

BIDDER'S NAME: _____

***ADDENDUM No. 1**

Item No.	Description	Unit	Unit Price	Quantity	Amount
SIGNING AND MARKINGS					
700-1-11	SINGLE POST SIGN (FURNISH & INSTALL) (LESS THAN 12 SF)	AS		70	
700-1-12	SINGLE POST SIGN (FURNISH & INSTALL) (12-20 SF)	AS		3	
700-1-60	SINGLE POST SIGN (REMOVE) (DELIVER TO IRC PUBLIC WORKS)	AS		2	
700-2-12	MULTI-POST SIGN (FUNISHED & INSTALLED) (12-20 SF)	AS		2	
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA		1,039	
711-11-121	THERMOPLASTIC, STD, WHITE, SOLID, 6"	LF		20,010	
711-11-122	THERMOPLASTIC, STD, WHITE, SOLID, 8"	LF		5,193	
711-11-123	THERMOPLASTIC, STD, WHITE, SOLID, 12"	LF		1,149	
711-11-124	THERMOPLASTIC, STD, WHITE, SOLID, 18"	LF		1,518	
711-11-125	THERMOPLASTIC, STD, WHITE, SOLID, 24"	LF		981	
711-11-131	THERMOPLASTIC, STD, WHITE, SKIP (10'-30'), 6"	LF		14,163	
711-11-141	THERMOPLASTIC, STD, WHITE, SKIP (2'-4' / 6'-10'), 6"	LF		2,270	
711-11-160	THERMOPLASTIC, STD, WHITE, MESSAGE	EA		28	
711-11-170	THERMOPLASTIC, STD, WHITE, ARROW	EA		77	
711-11-221	THERMOPLASTIC, STD, YELLOW, SOLID 6"	LF		21,256	
711-11-224	THERMOPLASTIC, STD, YELLOW, SOLID 18"	LF		1,356	
711-11-241	THERMOPLASTIC, STD, YELLOW, SKIP (2'-4' / 6'-10'), 6"	LF		1,036	
711-17-1	THERMOPLASTIC, REMOVE (HYDROBLAST)	SF		264	
SUB-TOTAL SIGNING AND MARKINGS					

ITEMIZED BID SCHEDULE

PROJECT NAME: 66TH AVENUE FROM 69TH STREET TO SR-510/85TH STREET

PROJECT NO. IRC-1505B BID NO. 2023016 FM NOS. 436379-2-54-01

BIDDER'S NAME: _____

***ADDENDUM No. 1**

Item No.	Description	Unit	Unit Price	Quantity	Amount
SIGNALIZATION					
630-2-11	CONDUIT (SIGNAL) (F & I) (OPEN TRENCH)	LF		235	
630-2-12	CONDUIT (SIGNAL) (F & I) (DIRECTIONAL BORE)	LF		390	
632-7-1	CABLE (SIGNAL) (F & I)	PI		1	
632-7-6	SIGNAL CABLE (REMOVE - INTERSECTION)	PI		1	
635-2-11	PULL BOX & SPLICE BOX (F & I) (13"x24")	EA		13	
639-1-610	ELECTRICAL POWER SERVICE (REMOVE - OVERHEAD)	AS		1	
639-1-122	ELECTRICAL POWER SERVICE (SIGNAL) (UNDERGROUND) (METER PURCHASED BY CONTRACTOR)	AS		1	
639-2-1	ELECTRICAL SERVICE WIRE (F & I)	LF		20	
639-3-11	ELECTRICAL SERVICE DISCONNECT (F & I) (POLE MOUNTED)	EA		1	
641-2-12	PRESTRESSED CONC. POLE STANDARD PLANS 641-010 (F & I) (TYPE P-II SERVICE POLE)	EA		1	
641-2-80	PRESTRESSED CONC. POLE STANDARD PLANS 641-010 (COMPLETE/ DEEP REMOVAL POLES 30' AND GREATER)	EA		2	
646-1-11	ALUMINUM SIGNALS POLE PEDESTAL AND PEDESTRIAN DETECTOR POST (F&I) (PEDESTAL)	EA		6	
646-1-60	ALUMINUM SIGNALS POLE (PEDESTAL AND PEDESTRIAN DETECTOR POST) (REMOVE)	EA		2	
649-31-107	MAST ARM (F & I) (WIND SPEED 150 W/O BACKPLATES) (W/ LUMINAIRE) (ARM LENGTH 46')	EA		1	
649-31-108	MAST ARM (F & I) (WIND SPEED 150 W/O BACKPLATES) (W/ LUMINAIRE) (ARM LENGTH 60')	EA		1	
649-31-109	MAST ARM (F & I) (WIND SPEED 150 W/O BACKPLATES) (W/ LUMINAIRE) (ARM LENGTH 70.5')	EA		2	
650-1-14	VEHICULAR TRAFFIC SIGNAL (F & I) (ALUMINUM) (3-SECTION) (1-WAY)	AS		5	
650-1-16	VEHICULAR TRAFFIC SIGNAL (F & I) (ALUMINUM) (4-SECTION) (1-WAY)	AS		2	
650-1-18	VEHICULAR TRAFFIC SIGNAL (F & I) (ALUMINUM) (5-SECTION) (1-WAY) (STRAIGHT)	AS		3	
653-1-11	PEDESTRIAN SIGNAL (F & I) (LED-COUNTDOWN) (1-WAY)	AS		8	
660-4-11	VEHICLE DETECTION SYSTEM (F & I) (VIDEO) (CABINET EQUIPMENT)	EA		1	
660-4-12	VEHICLE DETECTION SYSTEM (F & I) (VIDEO) (ABOVE GROUND EQUIPMENT)	EA		4	
665-1-11	PEDESTRIAN DETECTOR (F & I) (STANDARD)	AS		8	
670-5-111	TRAFFIC CONTROLLER ASSEMBLY (F & I) (NEMA) (TYPE 5) (ONE PREEMPTION PLAN)	AS		1	
670-5-600	TRAFFIC CONTROLLER ASSEMBLY (REMOVE CONTROLLER AND CABINET)	AS		1	
682-1-133	ITS CCTV (F & I) (DOME ENCLOSURE - NON-PRESSURIZED) (IP) (HD)	EA		1	

ITEMIZED BID SCHEDULE

PROJECT NAME: 66TH AVENUE FROM 69TH STREET TO SR-510/85TH STREET

PROJECT NO. IRC-1505B BID NO. 2023016 FM NOS. 436379-2-54-01

BIDDER'S NAME: _____

***ADDENDUM No. 1**

Item No.	Description	Unit	Unit Price	Quantity	Amount
684-1-1	MANAGED FIELD ETHERNET SWITCH (F & I)	EA		1	
685-1-14	UNINTERRUPTIBLE POWER SUPPLY (F & I) (LINE INTERACTIVE)	EA		1	
700-5-22	INTERNALLY ILLUMINATED SIGN (F & I) (OVERHEAD MOUNT, <12 SF)	EA		4	
715-1-11	LIGHTING CONDUCTORS (F & I) (INSULATED, No. 10 OR <)	LF		1,914	
715-5-31	LUMINAIRE & BRACKET ARM (F&I) (ALUMINUM)	EA		4	
SUB-TOTAL SIGNALIZATION					
LANDSCAPE AND IRRIGATION					
570-1-2B	PERFORMANCE TURF (SOD) (ST AUGUSTINE 'FLORATAM')	SY		16,606	
580-1-1	LANDSCAPE (SMALL PLANTS)	LS		1	
580-1-2	LANDSCAPE (LARGE PLANTS)	LS		1	
*580-12-10	FLORA-MULCH (3" DEPTH)	CY		700	
*162-1-3	PREPARED SOIL LAYER (SPECIAL DEPTH)	CY		950	
590-70	IRRIGATION COMPLETE	LS		1	
SUB-TOTAL LANDSCAPE AND IRRIGATION					
UTILITIES					
999-1B	RECORD/ AS-BUILT DRAWINGS (IRC UTILITY)	LS		1	
1050-31-204	UTILITY PIPE - PVC (4" FM) (F & I)	LF		591	
1050-31-206	UTILITY PIPE - PVC (6" WM) (F & I)	LF		209	
1050-31-212	UTILITY PIPE - PVC (12" WM) (F & I)	LF		147	
1050-31-216	UTILITY PIPE - PVC (16" WM) (F & I)	LF		200	
1055-51-116	UTILITY FITTING - 16" 45 DEGREE DI BEND (FM)	EA		16	
1055-51-512	UTILITY FITTING - 12" BLIND FLANGE (WM)	EA		2	
1080-11-403	UTILITY FIXTURE - 12"x16" TAPPING SADDLE & SLEEVE (WM)	EA		2	
1080-24-106	UTILITY FIXTURE - 6" GATE VALVE (WM)	EA		3	
1080-24-112	UTILITY FIXTURE - 12" GATE VALVE (WM)	EA		2	
1080-11-415	UTILITY FIXTURE - 2" TEMPORARY JUMPER VALVE ASSEMBLY	EA		4	
1080-27116	UTILITY FIXTURE - 16" LINE STOP (WM)	EA		8	
1080-26-102	UTILITY FIXTURE - AIR RELEASE VALVE	EA		2	
1644-113-08	FIRE HYDRANT ASSEMBLY (F&I)	EA		3	
1644-700	FIRE HYDRANT ASSEMBLY (ADJUST & MODIFY)	EA		1	
SUB-TOTAL UTILITIES					

ITEMIZED BID SCHEDULE

PROJECT NAME: 66TH AVENUE FROM 69TH STREET TO SR-510/85TH STREET

PROJECT NO. IRC-1505B BID NO. 2023016 FM NOS. 436379-2-54-01

BIDDER'S NAME: _____

***ADDENDUM No. 1**

Item No.	Description	Unit	Unit Price	Quantity	Amount
SUB-TOTAL ROADWAY					
SUB-TOTAL SIGNING AND MARKINGS					
SUB-TOTAL SIGNALIZATION					
SUB-TOTAL LANDSCAPE AND IRRIGATION					
SUB-TOTAL UTILITIES					
66TH AVENUE FROM 69TH STREET TO SR-510/85TH STREET					
TOTAL					
999-25A	FORCE ACCOUNT - UTILITIES				\$ 60,000.00
999-25B	FORCE ACCOUNT - ROADWAY				\$ 1,940,000.00
TOTAL BID AMOUNT (INCLUDING FORCE ACCOUNT)					

LS=Lump Sum LF=Linear Foot EA=Each CY=Cubic Yard SY=Square Yard SF = Square Foot TN=Ton
 AS=Assembly NM=Net Mile GM=Gross Mile LB = Pound CF = Cubic Foot PI = Per Intersection

NOTE: IF THERE IS A DISCREPANCY BETWEEN THE PLANS (SUMMARY OF PAY ITEMS) AND THE ITEMIZED BID SCHEDULE, THE BID SCHEDULE WILL BE UTILIZED FOR BIDDING PURPOSES.

TOTAL PROJECT BID AMOUNT IN WORDS