

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
AGENDA ITEM SUMMARY

Meeting Date:	February 3, 2026	<input checked="" type="checkbox"/> Consent	<input type="checkbox"/> Regular
		<input type="checkbox"/> Workshop	<input type="checkbox"/> Public Hearing
Department:	Engineering & Public Works		
Submitted For:	Construction Coordination Division		

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve:

- A) retroactive Work Order 2023055-53 for a not-to-exceed amount of \$3,087,648 to the Drainage Improvements/Repairs and Minor Construction Continuing Services Contract (R2024-0211) dated March 5, 2024, amended August 19, 2025 (R2025-1056) (Contract) with Johnson-Davis Incorporated (JDI) for the Hatton Highway Emergency Curve Repairs (Project), with a Notice to Proceed with the Project dated November 25, 2025; and
- B) a Budget Transfer in the amount of \$900,000 in the Transportation Improvement Fund from Reserves - Road Program Sweeps and appropriate it to the Project.

Summary: Work Order 2023055-53 provides for the emergency repairs and roadway improvements on a portion of Hatton Highway near Belle Glade, between Southern Boulevard/State Road 80 and Conners Highway/State Road 700. The Project includes milling and resurfacing, canal bank stabilization and widening at the two horizontal curves that will provide lane and shoulder widths and a guardrail offset area per Florida Department of Transportation (FDOT) standards, installation of new pavement markings and signage, and the addition of solar-powered in-road lighted pavement markers. Following a multiple-fatality crash that occurred on August 5, 2024, near the west curve within the Project area, guardrails were immediately replaced by an FDOT contractor, but final installation placement required design by a professional engineer. The Engineering and Public Works Department (EPW) utilized an annual engineering consultant contract to prepare the design plans. This Project requires full closure within Project limits during construction, and the timing of this closure was coordinated with the farming community, as well as the western municipalities, and unrelated FDOT work. Pursuant to Sections 2-52, 2-53 (f) and 2-54 (f)(4) of the Palm Beach County Purchasing Code, and based on the emergency circumstances where approval by the Board of County Commissioners (BCC) could not be obtained in a timely manner, the County Engineer executed the Notice to Proceed on November 25, 2025. Work Order 2023055-53 provides for a contract time of 120 days.


The Contract is one (1) of two (2) contracts with an available cumulative total of \$18,000,000. Prior to this meeting date, approximately \$5,875,782 of the \$18,000,000 Contract have been spent or encumbered. The Contract was presented to the Goal Setting Committee (GSC) on August 16, 2023, and the GSC established an Affirmative Procurement Initiative (API) of a 15% minimum mandatory Small Business Enterprise (SBE) participation. The proposed SBE participation for the Work Order is 21.84%. To date, the overall SBE participation achieved on this Contract is 19%. District 6 (YBH)


Background and Justification:

After reviewing Work Order 2023055-53 and finding it to be in proper order, the Engineering and Public Works Department recommends approval by the BCC.

Attachments:

1. Location Map
2. Work Order 2023055-53 with Exhibits A, B, C, D, E and Ebix Compliance
3. Budget Transfer

Recommended by:  1/23/2026
YBH/TEL County Engineer Date

Approved by:  2/2/26
Deputy County Administrator Date

II. FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2026	2027	2028	2029	2030
Capital Expenditures	\$3,087,648	-0-	-0-	-0-	-0-
Operating Costs	-0-	-0-	-0-	-0-	-0-
External Revenues	-0-	-0-	-0-	-0-	-0-
Program Income (County)	-0-	-0-	-0-	-0-	-0-
In-Kind Match (County)	-0-	-0-	-0-	-0-	-0-
NET FISCAL IMPACT	\$3,087,648	-0-	-0-	-0-	-0-
# ADDITIONAL FTE POSITIONS (Cumulative)	-0-	-0-	-0-	-0-	-0-

Is Item Included in Current Budget?

Yes ☐ No ☒

Is this item using Federal Funds?

Yes ☐ No ☒

Is this item using State Funds?

Yes ☐ No ☒

Budget Account No:

Fund 3500 Dept 361 Unit 2024 Object 6551

Recommended Sources of Funds/Summary of Fiscal Impact:

Transportation Improvmt Fund/Hatton Highway 2.5 M North of SR 80-2 M South of Conners

Brief Description:HATTON HWY PHASE 1 - WEST CURVE

• Base Contract Amount	\$1,661,584.00
• Contingency	\$ 166,159.00
Total Construction Contract	\$1,827,743.00

Brief Description:HATTON HWY PHASE 2 - EAST CURVE

• Base Contract Amount	\$1,145,368.50
• Contingency	\$ 114,536.50
Total Construction Contract	\$1,259,905.00

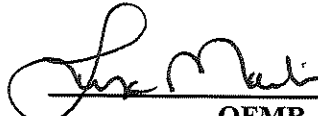
Total Fiscal Impact \$3,087,648.00

Note: A Budget Transfer of \$900,000 in Transportation Improvmt Fund from Reserves - Road Program Sweeps and appropriate it to the project.

C. Departmental Fiscal Review:

III. REVIEW COMMENTS

A. OFMB Fiscal and/or Contract Dev. and Control Comments:


OFMB
11/29/2026
PA 1/27
V 3/129


Contract Dev. and Control
5/29/26

B. Approved as to Form and Legal Sufficiency:

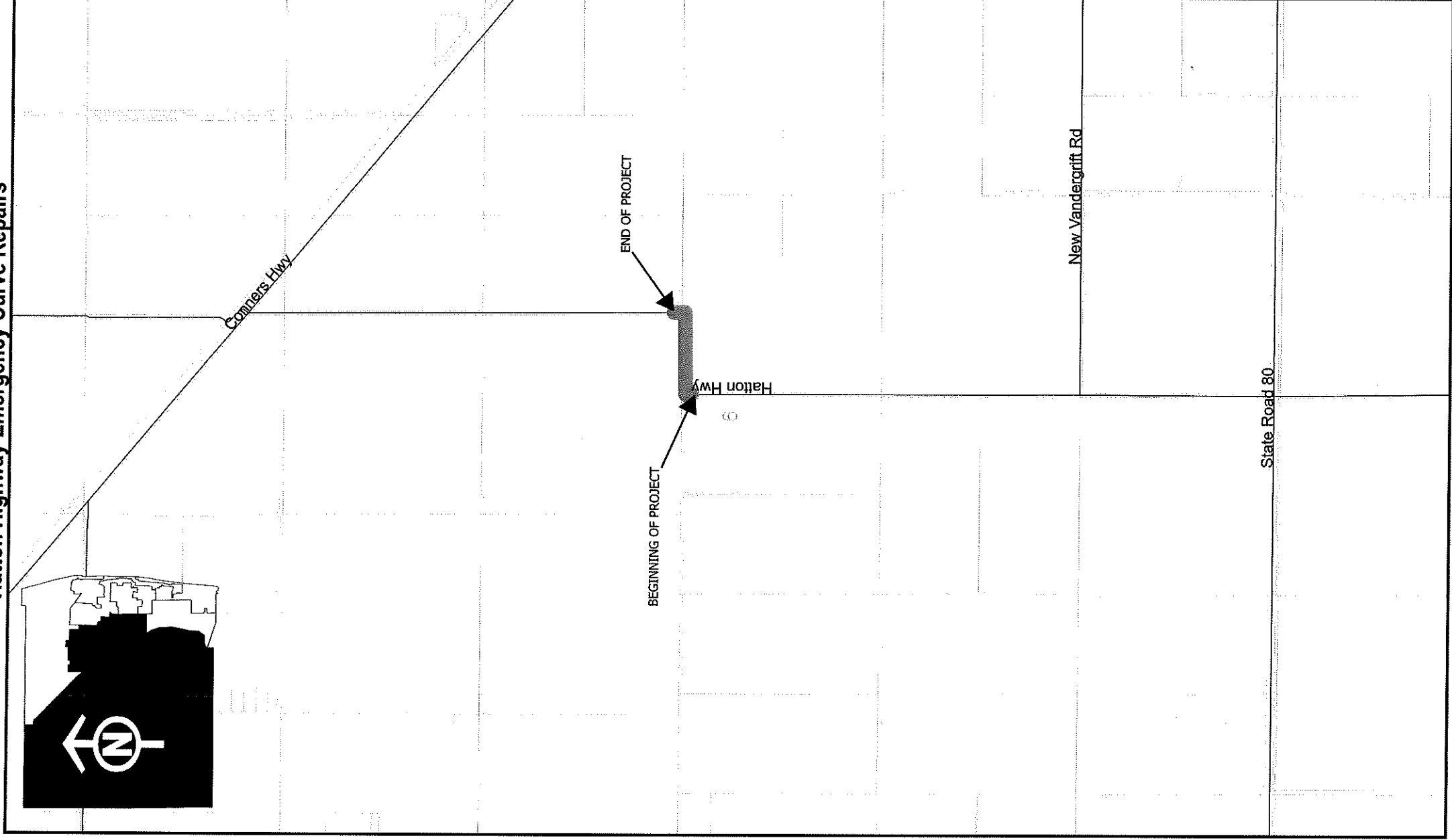

Assistant County Attorney
1/29/26

C. Other Department Review:

Department Director

This summary is not to be used as a basis for payment.

Location Map
Hatton Highway Emergency Curve Repairs



Document Path: C:\Users\DRoss\Documents\ArcGIS\Projects\4_sept2024_proj\2024\515 HATTON HIGHWAY CURVES.aprx



RETROACTIVE WORK ORDER # 2023055-53

**TO THE ANNUAL DRAINAGE IMPROVEMENTS/REPAIRS AND MINOR CONSTRUCTION
CONTRACT**

**BY AND BETWEEN PALM BEACH COUNTY
AND JOHNSON-DAVIS INC.
FOR HATTON HIGHWAY EMERGENCY CURVE REPAIRS**

This Retroactive Work Order to the Annual Drainage Improvements/Repairs and Minor Construction Contract (R2024-0211), dated March 5, 2024 (**ANNUAL CONTRACT**) is made and entered into the ____ day of _____, 20____, by and between Palm Beach County, a political subdivision of the State of Florida, by and through its Board of County Commissioners (**COUNTY**) and JOHNSON-DAVIS, INC. (**CONTRACTOR**) authorized to do business in the State of Florida, whose Federal I.D. is 59-1753888 (individually Party and collectively Parties).

WITNESSETH

WHEREAS, the **COUNTY** and **CONTRACTOR** entered into an **ANNUAL CONTRACT** on a work order basis on March 5, 2024 (R2024-0211) as amended on August 19, 2025 (R2025-1056); and

WHEREAS, the **COUNTY** desires the **CONTRACTOR** to perform emergency repairs and roadway improvements on a portion of Hatton Highway near Belle Glade, between Southern Boulevard/State Road 80 and Conners Highway/State Road 700 (**PROJECT**) based on two construction plan sets for Project No. 2024515- Hatton Highway (Phase 1) and Hatton Highway (Phase 2) (collectively, **CONSTRUCTION PLANS**); and

WHEREAS, the **CONTRACTOR** agrees to construct the **PROJECT** in accordance with the **CONSTRUCTION PLANS** and the terms and conditions of the **ANNUAL CONTRACT**, as amended, and as directed and accepted by the Engineering Department, Construction Coordination Division; and

WHEREAS, the Notice to Proceed with the **PROJECT** was executed on November 25, 2025, as shown herein as **Exhibit E**; and

WHEREAS, based on the pricing agreed to in the **ANNUAL CONTRACT**, the Parties agree that a cost not to exceed \$3,087,648 is appropriate compensation for the services to be performed by the **CONTRACTOR** to construct the **PROJECT**.

NOW, THEREFORE, THIS INDENTURE WITNESSETH: That for and in consideration of the mutual benefits that flow from each to the other, the Parties hereto agree as follows:

1. The above recitals are true and are incorporated herein.
2. The **CONTRACTOR** agrees to construct the **PROJECT** in accordance with the **ANNUAL CONTRACT**, as amended, and as further described in this work order.
3. The **COUNTY** agrees to pay the **CONTRACTOR** a fee not to exceed \$3,087,648 to construct the **PROJECT**. Final payment shall be per documented quantities installed.

Re: HATTON HIGHWAY EMERGENCY CURVE REPAIRS

Work Order No.: 2023055-53

4. The following Exhibits are attached to and made a part of this Work Order:
 - a) **Exhibit A** - Work Order Request and Scope/Cost Estimate; and
 - b) **Exhibit B** – Two Construction Plan sets for Project No. 2024515
 - i) Hatton Highway (Phase 1) (West Curve) dated 10/17/2024 – Sheets 1 through 19
 - ii) Hatton Highway (Phase 2) (East Curve) dated 3/27/2025 – Sheets 1 through 21
 - c) **Exhibit C** - OEBO Schedules 1 and 2; and
 - d) **Exhibit D** – Public Construction Bond
 - e) **Exhibit E** – Executed Notice to Proceed

INTENTIONALLY LEFT BLANK

Re: HATTON HIGHWAY EMERGENCY CURVE REPAIRS

Work Order No.: 2023055-53

IN WITNESS WHEREOF, the Board of County Commissioners of Palm Beach County, Florida has made and executed this Work Order for the PROJECT, pursuant to the ANNUAL CONTRACT, as amended, on behalf of the COUNTY, and CONTRACTOR has hereunto set its hand the day and year above written.

OWNER:

Palm Beach County, Florida, a
Political Subdivision of the
State of Florida by and through its

BOARD OF COUNTY COMMISSIONERS

BY: _____
Sara Baxter, Mayor

ATTEST:
Michael A. Caruso,
Clerk of the Circuit Court & Comptroller

BY: _____
Deputy Clerk

SEAL

APPROVED AS TO TERMS
AND CONDITIONS:

BY: sc _____
[Signature]

APPROVED AS TO FORM & LEGAL
SUFFICIENCY:

Yelizaveta Herman, Assistant County Attorney

CONTRACTOR:

Johnson-Davis Inc.

BY: _____
[Signature]

CHARLES H. CAMERON VICE PRES.
(Printed Name and Title)

CORPORATE SEAL



WITNESS:

BY: _____
[Signature]

Melissa Trejo
(Printed Name)

BY: _____
[Signature]

CESAR CARRILLO
(Printed Name)



PALM BEACH COUNTY BOARD OF COUNTY COMMISSIONERS
ENGINEERING & PUBLIC WORKS DEPARTMENT
P. O. BOX 21229, WEST PALM BEACH, FL 33416-1229

REQUEST:	REQUESTING DIVISION:	INFORMATION:
<input checked="" type="checkbox"/> WORK ORDER NO. 2023055- 53	<input type="checkbox"/> ROAD & BRIDGE	DATE 01/09/2026
<input type="checkbox"/> NEW AUTHORIZATION	<input type="checkbox"/> TRAFFIC	REQUESTOR Albert Hoffman
<input type="checkbox"/> CHANGE ORDER NO. _____	<input type="checkbox"/> ROADWAY PRODUCTION	COMMISSION DISTRICT NO: 6
<input type="checkbox"/> SUPPLEMENTAL NO. _____	<input checked="" type="checkbox"/> CONSTRUCTION COOR.	RESOLUTION NO: R2024-0211
<input type="checkbox"/> OTHER: _____	<input type="checkbox"/> STREETScape	PBC PO NUMBER: _____

PROJECT LOCATION/LIMITS: A Portion of Hatton Highway near Belle Glade, between Southern Boulevard / State Road 80 and Conners Highway / State Road 700

PROJECT NUMBER: 2024515 BUDGET LINE ITEM: _____

CONTRACT NUMBER: 2023055 CONTRACT DATE: March 05, 2024, as amended

CONTRACTOR/CONSULTANT/VENDOR: Johnson- Davis, Inc. VENDOR #: VC0000108133

CONTACT: William Cryer CONTACT PHONE NUMBER: (561) 588-1170

Details: In accordance with your contract, you are to provide the following services: Milling and resurfacing, canal bank stabilization and widening at the two horizontal curves that will provide lane and shoulder widths and guardrail offset areas per Florida Department of Transportation (FDOT) standards, installation of new pavement markings and signage, and the addition of solar-powered in-road lighted pavement markers, as directed.

A Separate NTP was executed on November 25, 2025.

The contract duration for this work request is 120 days.

This work shall be coordinated with, (48 hours prior to commencement of work):

Albert Hoffman, Director, Construction Coordination (561) 684-4180

The total amount of this request, per the attached documentation, is not to exceed \$ 3,087,648.00

The Small Business Enterprise (SBE) goal for this contract is 15 % .

The estimated SBE participation for this request is 21.84 % .

The cumulative SBE participation to date for this Contract including this request is 19.00 %.

Name: Albert Hoffman Title: Director, Construction Coordination Telephone Number: (561)684-4180

CONTRACTOR/CONSULTANT/VENDOR APPROVALS	Please sign below and submit with invoice at the completion of the project. Project completed in compliance with Contract and Project Specifications.
Please indicate your receipt of this Work Order by signing and returning a duplicate copy.	
Signature _____ Date _____	Signature _____ Date _____
Printed Name and Title _____	Printed Name and Title _____

PALM BEACH COUNTY APPROVALS	BOARD APPROVAL? _____ Date: _____
Division Approval _____ Date _____	Budget Approval _____ Date _____
Assistant County Engineer _____ Date _____	Contract Review Committee (when required) Date _____

The Contract and this Work Order are subject to the County Emergency Ordinance 2025-014, approved by the Board of County Commissioners on June 3, 2025

**ROAD AND BRIDGE CONSTRUCTION COST ESTIMATE****Exhibit 'A'****DATE: 1/14/2026**

Project Description	Drainage Improvements / Repair & Minor Construction			Road Maintenance District:		5
Project Location:	Hatton Highway Emergency Curve Repair			Commission District:		6
Item #	Item Description	Quantity	Unit	Unit Price	Amount	
5	Regular Excavation	252	CY	\$ 23.00	\$ 5,796.00	
9	Finish Grading	8875	SY	\$ 3.00	\$ 26,625.00	
16	Optional Base Group 13	1919	SY	\$ 65.00	\$ 124,735.00	
21	Superpave Asphaltic Concrete (SP-12.5 Traffic Level C)	462.1	TN	\$ 250.00	\$ 115,525.00	
80	Rubble Rip-Rap	2444	TN	\$ 320.00	\$ 782,080.00	
81	#57 Coarse Aggregate (FDOT)	765	TN	\$ 50.00	\$ 38,250.00	
109	Sodding (To Match Existing) (See Notes)	8875	SY	\$ 10.00	\$ 88,750.00	
115	Floating Turbidity Barrier	250	LF	\$ 20.00	\$ 5,000.00	
NIC	Maintenance of Traffic	1	LS	\$ 104,802.00	\$ 104,802.00	
NIC	Silt Fence / Sediment Barrier	1200	LF	\$ 2.50	\$ 3,000.00	
NIC	Miscellaneous Asphalt Pavement	70.2	TNS	\$ 650.00	\$ 45,630.00	
NIC	Clearing and Grubbing	1	LS	\$ 58,580.00	\$ 58,580.00	
NIC	Type B Stabilization	1919	SY	\$ 90.00	\$ 172,710.00	
NIC	Type S Asphalt Overbuild	538	TNS	\$ 340.00	\$ 182,920.00	
NIC	Remove Existing Guardrail	450	LF	\$ 3.00	\$ 1,350.00	
NIC	Asphalt Friction Course FC-9.5	331	TNS	\$ 305.00	\$ 100,955.00	
NIC	Thrie Beam Guardrail	1355	LF	\$ 79.00	\$ 107,045.00	
NIC	End Treatment	8	EA	\$ 4,000.00	\$ 32,000.00	
NIC	Traffic Tape in Lieu of Striping	1	LS	\$ 8,200.00	\$ 8,200.00	
NIC	Guardrail Roadway	1320	LF	\$ 40.00	\$ 52,800.00	
NIC	Place and Compact Baserock in Slopes in lieu of Embankment	15040	TNS	\$ 45.00	\$ 676,800.00	
NIC	Mill Existing Roadway (all types)	5800	SY	\$ 10.50	\$ 60,900.00	
NIC	Ground In Rumble Strips	1	LS	\$ 12,500.00	\$ 12,500.00	
EVAL: ADA: DURATION:				CONT:	\$ 280,695.00	
				TOTAL:	\$ 3,087,648.00	

CONTRACT PLAN SET INCLUDES:

ROADWAY PLANS
SIGNING & PAVEMENT MARKING PLANS
SPECIFIC PURPOSE SURVEY (FOR INFORMATION ONLY)

STATE OF FLORIDA
PALM BEACH COUNTY

HATTON HIGHWAY (PHASE 1)

(WEST CURVE)
PBC PROJECT NO. 2024515

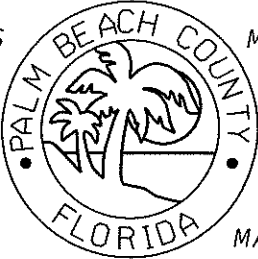
BOARD OF COUNTY COMMISSIONERS
MARIA G. MARINO
"VICE MAYOR"
DISTRICT 1

GREGG K. WEISS
DISTRICT 2
MARCI WOODWARD
DISTRICT 4

MICHAEL A. BARNETT
DISTRICT 3
MARIA SACHS
"MAYOR"
DISTRICT 5

SARA BAXTER
DISTRICT 6

MACK BERNARD
DISTRICT 7



INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	SUMMARY OF PAY ITEMS
3	DRAINAGE MAP
4	TYPICAL SECTIONS
5	SLOPE PROTECTION DETAIL
6	GENERAL NOTES
7-8	ROADWAY PLAN
9	CL CONST. & RL SURVEY CORRELATION
10	ROADWAY PROFILE
11-16	ROADWAY CROSS SECTIONS
17	EARTHWORK END AREA VOLUME REPORT
18	STORM WATER POLLUTION PREVENTION PLAN
19	EROSION CONTROL PLAN

BEGIN PROJECT
STA. 102+21.72

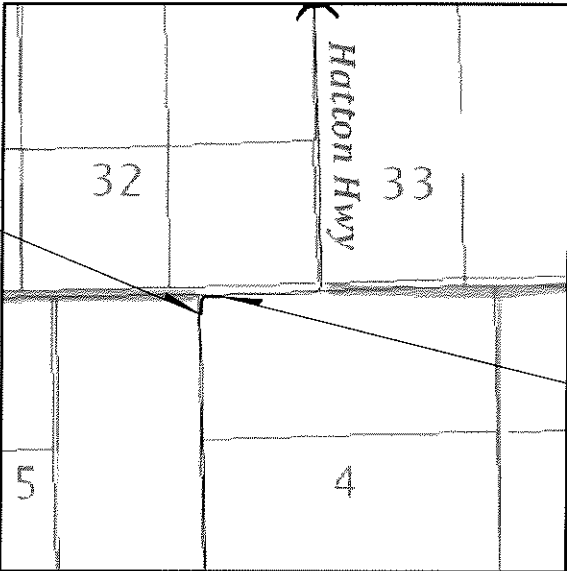
END PROJECT
STA. 110+40.30



PROJECT LENGTH IS BASED ON CL OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	818.58	0.155
BRIDGES		
NET LENGTH OF PROJECT	818.58	0.155
EXCEPTIONS		
GROSS LENGTH OF PROJECT	818.58	0.155

PLANS WERE PREPARED BASED ON THE NAVD 1988 DATUM.
ALL EXISTING AND PROPOSED ELEVATIONS TO BE ADJUSTED BY +0.18'



LOCATION MAP N.T.S.

FINAL PLAN

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).
Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, FY2023-24 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

ENGINEER'S CERTIFICATION
I HEREBY CERTIFY THAT THE ATTACHED PLANS AND DESIGN ARE IN SUBSTANTIAL COMPLIANCE WITH THE DESIGN STANDARDS AND CRITERIA IN EFFECT ON THIS DATE FOR PALM BEACH COUNTY ENGINEERING DEPARTMENT AND THE STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION.

APPROVED BY: NOUR SHEHADEH, P.E.

DATE:

P.E. NO.: FL REGISTRATION NO 48307

Exhibit B, Page 1 of 40



HSQ GROUP, LLC
Engineers · Planners · Surveyors
1001 Yamato Road, Suite 105
Boca Raton, Florida 33431 · 561.392.0221
C29258 · LR7924

Seal:
NOUR SHEHADEH
P.E. 48307

No.	Revisions	By	Date



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

SCALE: N/A
APPROVED: NS
DRAWN: RS
CHECKED: AZ
DATE: 09/2024

COVER SHEET

SHEET: 1
OF: 19
PROJECT NO. 2024515

SUMMARY OF PAY ITEMS				
ITEM NO.	FDOT ITEM NO.	ITEM DESCRIPTION	UNIT	QTY
ROADWAY				
1	0101 1	Mobilization	LS	1
2	0102 1	Maintenance of Traffic (incl. Pedestrian MOT)	LS	1
3	0104 10 3	Sediment Barrier (Silt Fence)	LF	875
4	104 11	Floating Turbidity Barrier	LF	930
5	0110 1 1	Clearing and Grubbing	LS	1
6	0120 1	Regular Excavation	CY	66
7	0120 6	Embankment (Compacted in Place)	CY	5928
8	160 4	12" Type B Stabilization (LBR 40)	SY	818
9	285 713	Optional Base Group 13	SY	818
10	0327 70 1	Milling Exist Asphalt Pavement, 1" Avg Depth and Resurfacing	SY	414
11	0327 70 1	Milling Exist Asphalt Pavement, 1" Avg Depth	SY	2100
12	0334 1 13	Superpave Asphalt Concrete (Traffic Level C) (1.5")	TN	218.0
13	0334 1 13	Type S Asphaltic Concrete Overbuild (Variable Thickness)	TN	73
14	0337 7 82	Asphalt Concrete Friction Course (Traffic Level C) FC-9.5, (1.0")	TN	168.0
15	339 1	Miscellaneous Asphalt Pavement	TN	24.0
16	0536 1 1	Guardrail Roadway, General, Deep Post, Steel	LF	705
17	0536 85 24	End Treatment Approach Terminal Parallel Type	EA	2
18	0546 72 3	Ground-in Rumble Strips, 8" Sinusoidal	GM	0.42
19	0570 1 2	Sodding	SY	4615
20	0530 3 3	Rip-Rap (Rubble)	TN	1644
21	0530 74	Bedding Stone	TN	765
CONTINGENCY ITEMS				
22	423 3 52 3	PREMIUM FOR CONFLICT CONDITION (SEE SP'S)	EA	1
23	425 3 52 3	CHANGEABLE (VARIABLE MESSAGE) SIGN (NON MOT)	ED	5

PAY ITEM NOTES:
PAY ITEM NO. 21 TO INCLUDE THE COST OF:
1. BASE ROCK
2. FILTER FABRIC
3. EXCAVATION OF 1'-0" BELOW FILTER FABRIC

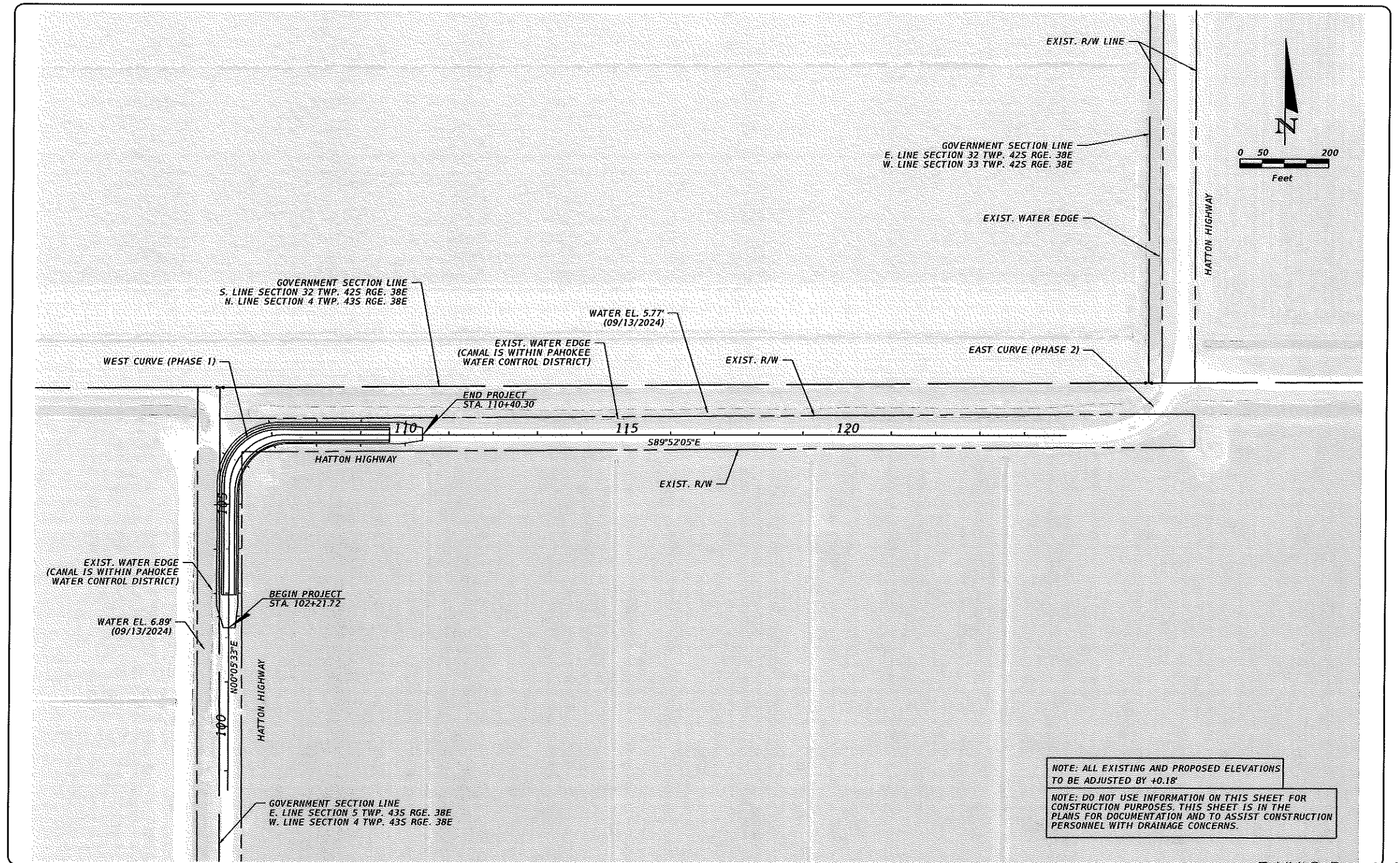


Exhibit B, Page 3 of 40



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C26258 · L07924

Seal:

NOUR SHEHADEN
PE # 48307

No.	Revisions	By	Date

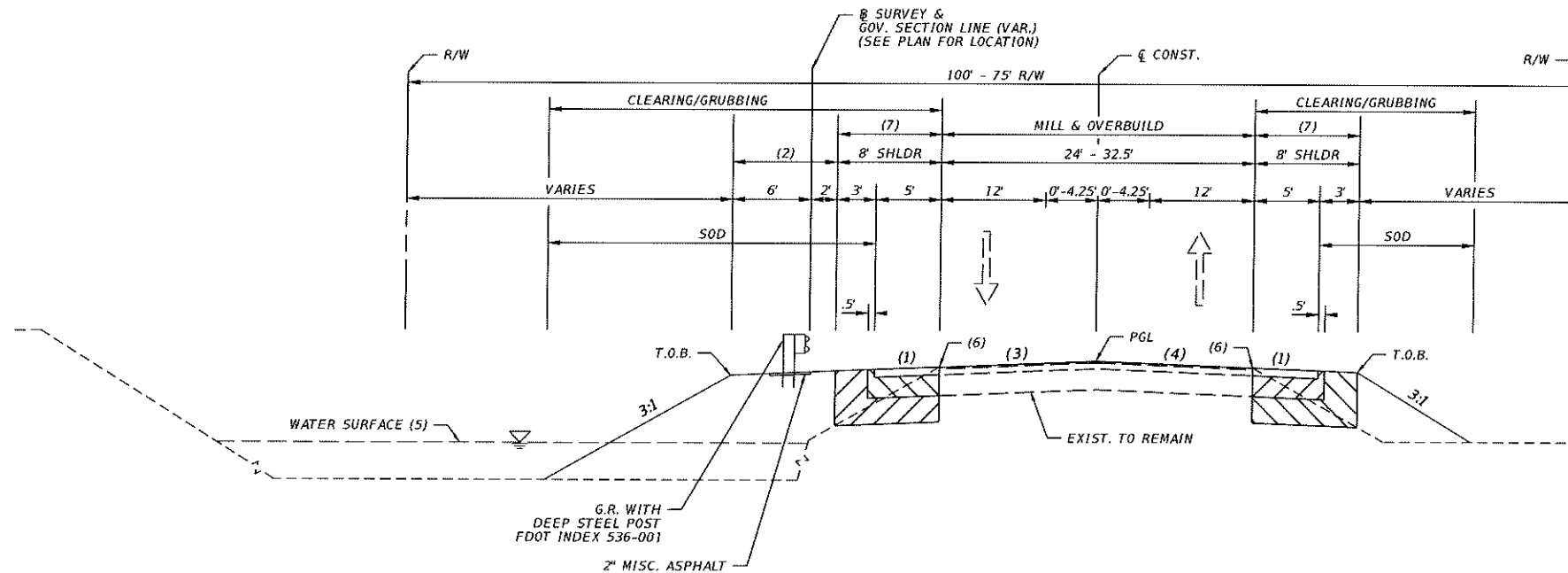


PALM BEACH COUNTY
ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FLORIDA

SCALE: 1:200
APPROVED: NS
DRAWN: RS
CHECKED: AZ
DATE: 09/2024

DRAINAGE MAP

SHEET: 3
OF: 19
PROJECT NO.
2024515



TYPICAL SECTION HATTON HIGHWAY
STA. 103+00.00 TO TO STA. 110+40.30
DESIGN SPEED ON CURVE 20MPH
DESIGN SPEED (EXCLUDING CURVE & TRANSITIONS) 60MPH

MILLING ONLY

MILL EXISTING ASPHALT
PAVEMENT FOR DEPTH (1" MIN.)

WIDENING

OPTIONAL BASE GROUP 13 ON COMPACTED SUBGRADE 98% T180 WITH
TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 1/2")

AND FRICTION COURSE FC-9.5 (1")

MILLING & RESURFACING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH OF 1" MIN
RESURFACE WITH 1" FC-9.5

- (1) SHOULDER SLOPE VARIES 2% TO 6%
- (2) EMBANKMENT SLOPE TO BE 10:1 MAX
- (3) SLOPE VARIES -2% TO +5%
- (4) SLOPE VARIES -2% TO -5%
- (5) SEE PLAN FOR CANAL LIMITS & WATER ELEVATION
- (6) SAW CUT AND MATCH EDGE OF PAVEMENT
- (7) WIDENING AND DEMUCKING

NOTE: ALL FILL MATERIAL WILL BE BASE ROCK

Exhibit B, Page 4 of 40



HSQ GROUP, LLC
Engineers · Planners · Surveyors
1001 Yamato Road, Suite 105
Boca Raton, Florida 33431 · 561.392.0221
C26268 · L87924

Seal:
HOWA SHENADEH,
PE# 48307

No.	Revisions	By	Date



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

SCALE: N/A
APPROVED: NS
DRAWN: RS
CHECKED: AZ
DATE: 09/2024

TYPICAL SECTION

SHEET: 4
OF: 19
PROJECT NO.
2024515

GENERAL NOTES:

GENERAL SPECIFICATIONS:

LATEST EDITION OF FLORIDA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

DESIGN SPECIFICATION:

LATEST EDITION OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS
WITH CURRENT INTERIMS.
LATEST EDITION OF THE F.D.O.T. STRUCTURE DESIGN GUIDELINES
WITH CURRENT INTERIMS.
LATEST EDITION OF THE F.D.O.T. STANDARD INDEX DRAWINGS. (UNLESS NOTED
OTHERWISE (U.N.O.))

DATUM:

ALL ELEVATIONS SHOWN ARE N.A.V.D. - 88

CANAL NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL EXISTING VEGETATION REMOVAL AND DISPOSAL PRIOR TO EXCAVATION; CANAL EXCAVATION EARTHWORK AND CANAL DRESSING REQUIRED TO PLACE THE SLOPE PROTECTION.
2. BACKSLOPE SHALL BE CONSTRUCTED USING ROAD BASE ROCK. PORTIONS OF THE WATER SIDE OF THE CANAL BANKS NOT COVERED BY REVETMENT SHALL BE SODDED WITH BAHIA GRASS.
3. CONTRACTOR TO VERIFY ALL UTILITIES PRIOR TO WORK.
4. PROVIDE CONTINUOUS TEMPORARY EROSION AND SEDIMENT CONTROL (F.D.O.T. INDEX NO. 215) IN ALL AREAS UNDER CONSTRUCTION.

UTILITIES:

NO EXISTING UTILITIES ARE AVAILABLE ON SITE FOR CONTRACTORS USE.

STAGING AREAS:

THE CONTRACTOR SHALL COORDINATE SELECTION AND REVIEW OF ANY PROPOSED STAGING AREAS ASSOCIATED WITH THIS PROJECT WITH CONSTRUCTION COORDINATION (561-684-4180). NO STAGING OF EQUIPMENT/VEHICLES WILL BE ALLOWED IN OR NEAR THE BANKS OF THE CANAL.

ENVIRONMENTAL IMPACT:

1. IF SUSPECT CONTAMINATED OR HAZARDOUS MATERIAL IS FOUND ON THE PROJECT OR ENCOUNTERED DURING CONSTRUCTION THE CONTRACTOR SHALL CEASE OPERATION IN THAT AREA. IMMEDIATELY NOTIFY PALM BEACH COUNTY CONSTRUCTION COORDINATION (561-684-4180) AND PROTECT THE IMMEDIATE AREA OF SUSPECT CONTAMINATED OR HAZARDOUS MATERIAL FROM FURTHER ACCESS. CONSTRUCTION COORDINATION WILL ARRANGE FOR THE INVESTIGATION, IDENTIFICATION AND/OR REMOVAL/REMEDATION OF THE MATERIAL IN QUESTION AS NEEDED.
2. THE CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST WRITTEN PERMISSION FROM PALM BEACH COUNTY CONSTRUCTION COORDINATION (561-684-4180) AND THE PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE A COPY OF THE REQUEST TO THE (COUNTY STAFF). THE CONTRACTOR SHALL PROVIDE THE (COUNTY STAFF) WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (M.S.D.S.) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE, AND PROVIDE A DESCRIPTION OF THE SPECIFIC MANNER IN WHICH THE MATERIAL WILL BE USED. THE PROJECT ENGINEER SHALL COORDINATE WITH THE (COUNTY STAFF) PRIOR TO ISSUING WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AS HAZARDOUS MATERIALS, SUCH PRODUCTS DO NOT REQUIRE AN M.S.D.S. SUBMITTAL. ALL BULK PETROLEUM PRODUCTS STORED ON SITE SHALL REQUIRE PROPER STORAGE WHICH INCLUDES SECONDARY CONTAINMENT.

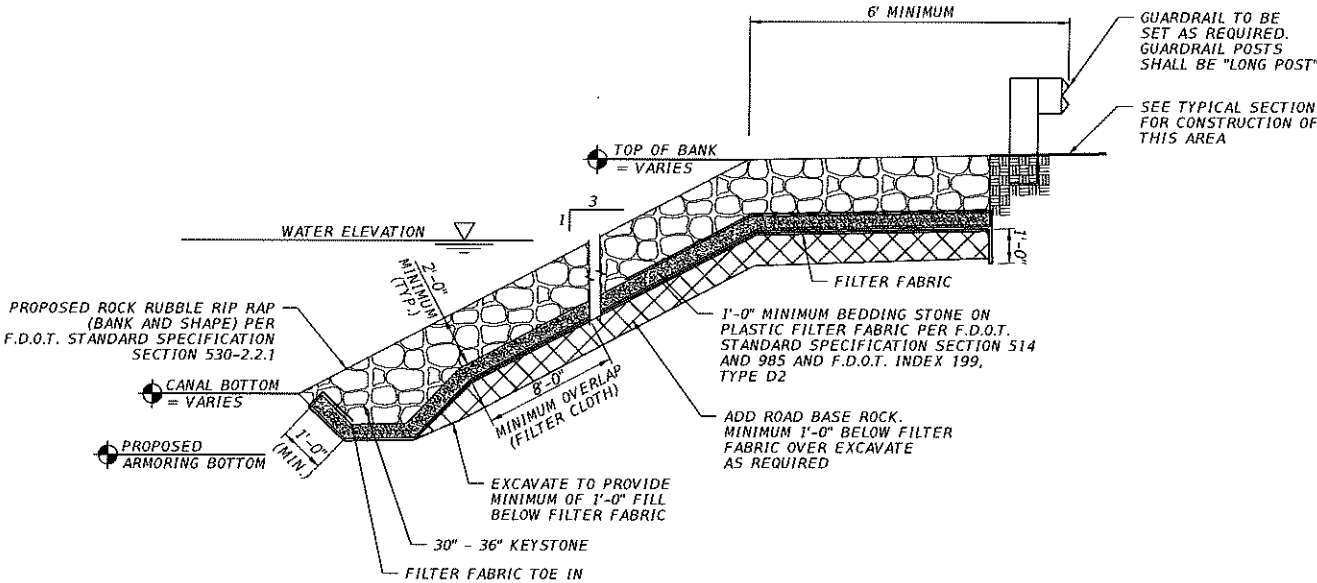


Exhibit B, Page 5 of 40

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No.	Revisions	By	Date

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

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DATE: 09/2024

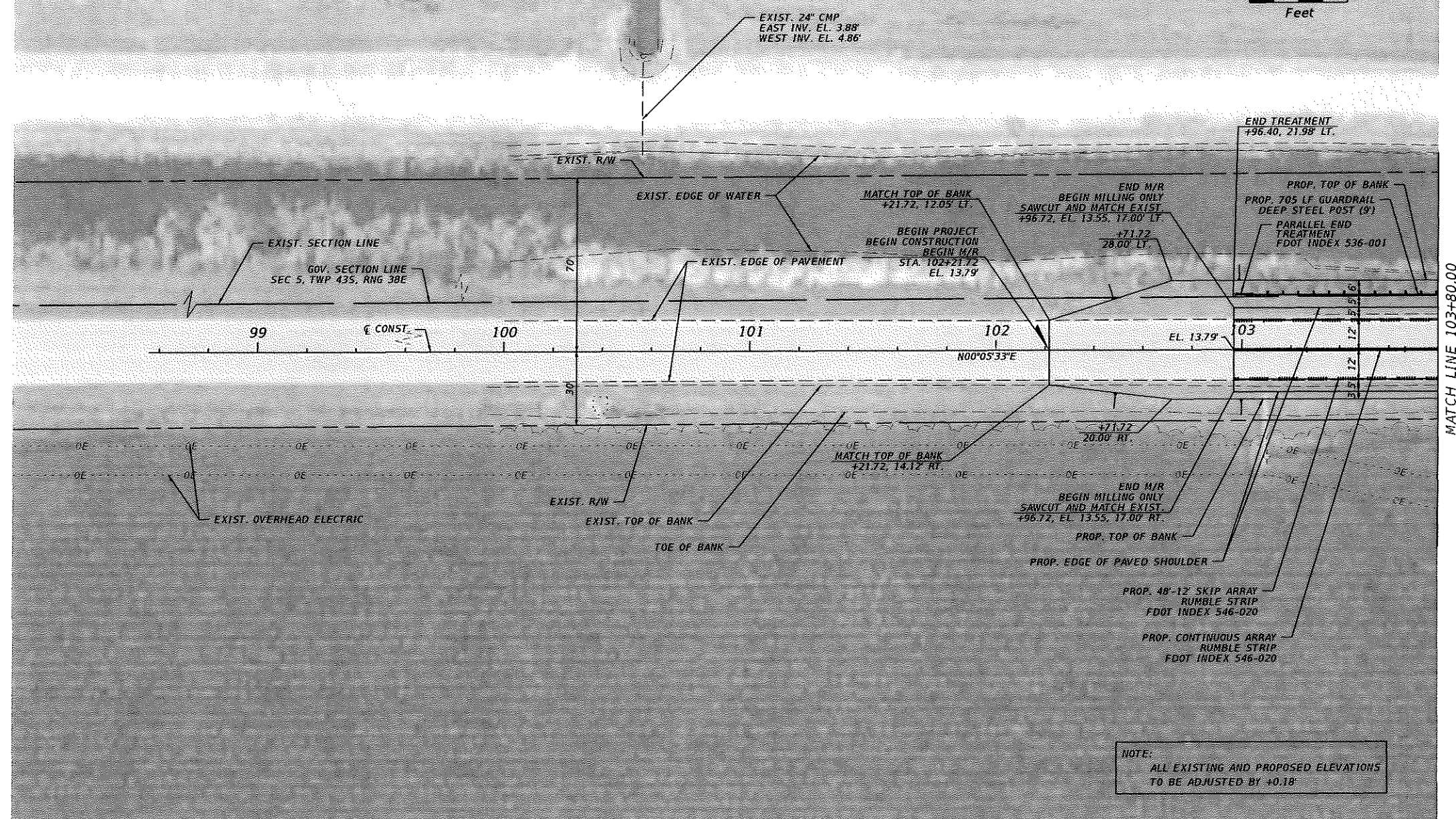
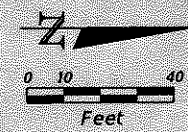
**SLOPE PROTECTION
DETAIL**

SHEET: 5
OF: 19
PROJECT NO.
2024515

PROJECT NOTES

1. PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
2. GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE NOTED.
3. EXISTING SECTION CORNERS, QUARTER SECTION CORNERS, PROPERTY CORNERS, PALM BEACH COUNTY SURVEY CONTROL MONUMENTS AND ALL OTHER PERMANENT MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE REFERENCED PRIOR TO CONSTRUCTION AND RESET AFTER CONSTRUCTION BY A PROFESSIONAL SURVEYOR & MAPPER WITH A MONUMENT BEARING EITHER THE FLORIDA LICENSE NUMBER OR CERTIFICATE OF AUTHORIZATION NUMBER OF THE PARTY IN RESPONSIBLE CHARGE.
4. THE LOCATION OF THE EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY: THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO THE START DATE OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" UTILITIES (NOT SHOWN IN THE PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE ENGINEER AND NOTIFY THE RESPECTIVE UTILITY OWNERS TO RESOLVE UTILITY CONFLICTS AND UTILITY ADJUSTMENTS, AS REQUIRED.
5. THE FOLLOWING IS A LIST OF UTILITY OWNERS:
- | CONTACT PERSON | UTILITY | PHONE NUMBER |
|-----------------------|---------|--|
| CRAIG LEDBETTER, P.E. | FPL | 561-803-7942 OFFICE
561-532-7082 MOBILE |
6. APPROXIMATE UTILITY LOCATIONS MAY ALSO BE DETERMINED BY CALLING SUNSHINE ONE-CALL AT 1 800-432-4770 AND THE RESPECTIVE UTILITY COMPANY.
7. STATIONS AND OFFSETS REFER TO THE CENTERLINE OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
8. NO CONSTRUCTION SHALL BE COMMENCED UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED AND THE CONTRACTOR IS ISSUED A NOTICE TO PROCEED.
9. ALL TEMPORARY AND PERMANENT BENCHMARKS ARE TO BE PROTECTED DURING CONSTRUCTION.
10. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR IS TO NOTIFY THE COUNTY SURVEYOR.
11. ANY VERTICAL DATUM MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE PROJECT ENGINEER SHOULD NOTIFY:
- GEODETIC INFORMATION CENTER
ATTN: MARK MAINTENANCE SECTION
ATTN: N/CG-162
6001 EXECUTIVE BOULEVARD
ROCKVILLE, MARYLAND 20852
TELEPHONE NO. (301) 443-8319
12. CONTRACTOR SHALL REMOVE AND/OR RELOCATE EXISTING SIGNS IN ORDER TO PREVENT ANY UNNECESSARY DAMAGE TO THE SIGNS. SIGNS WHICH ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
13. ALL EXISTING PALM BEACH COUNTY SIGNS WITHIN THE LIMITS OF CONSTRUCTION WHICH ARE TO BE RELOCATED OR REMOVED SHALL BE REMOVED BY THE CONTRACTOR AND STOCKPILED WITHIN THE R/W FOR REMOVAL OR RELOCATION BY PALM BEACH COUNTY OPERATIONS.
14. ALL VEGETATION, DEBRIS, CONCRETE OR OTHER UNSUITABLE MATERIAL SHALL BE DISPOSED LEGALLY OFF SITE IN AREAS PROVIDED BY THE CONTRACTOR AT HIS EXPENSE.
15. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJOINING PROPERTIES AT ALL TIMES AND SCHEDULE WORK TO EXPEDITE DRIVEWAY DRAINAGE STRUCTURE INSTALLATION IN THE VICINITY OF ABUTTING PROPERTIES.
16. IN THE AREAS OF PAVEMENT WIDENING, ALL EXISTING PAVEMENT EDGES ARE TO BE SAW CUT TO A CLEAN, STRAIGHT AND UNIFORM SURFACE.
17. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR ANY DAMAGES OR PERSONAL INJURY DUE TO ACCIDENT WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSIONS AND/OR UNDERGROUND UTILITIES.
18. WHEN DISSIMILAR MATERIAL CONNECTIONS ARE MADE, SUCH AS CONCRETE TO METAL, THE METAL MATERIALS SHALL BE SEPARATED BY COATING THE CONTACT SURFACES WITH BITUMASTIC MATERIAL.
19. ALL EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS ARE TO REMAIN UNLESS OTHERWISE SPECIFIED IN PLANS.
20. IN REFERENCE TO THE PROPOSED DRAINAGE STRUCTURES AND PIPES:
- A. CONCRETE PIPE CULVERT (R.C.P.) SHALL BE CLASS III, UNLESS OTHERWISE NOTED.
- B. ALL STORM STRUCTURE TOPS SHALL BE ADJUSTED AT THE TIME OF FINAL PAVEMENT OR CURB CONSTRUCTION. FINAL ADJUSTMENT OF ALL TOPS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER SHALL BE NOTIFIED OF ANY DEVIATIONS FROM THE PLAN PRIOR TO IMPLEMENTATION OF FINAL ADJUSTMENTS.
- C. THE LENGTHS OF PIPE SHOWN HAVE BEEN DETERMINED BY CALCULATING THE DISTANCE BETWEEN THE "CENTERLINE" OF THE INLETS AND/OR MANHOLES.
- D. ALL DITCH BOTTOM INLETS SHALL HAVE AN EYEBOLT AND CHAIN IN ACCORDANCE WITH FDOT INDEX 201.
- E. THE CONTRACTOR SHALL VERIFY THE EXISTING INVERT ELEVATIONS AND DIMENSIONS OF ALL EXISTING DRAINAGE STRUCTURES PRIOR TO FABRICATION OF PROPOSED DRAINAGE STRUCTURES.
- F. OFFSETS TO CURB INLETS ARE AT EDGE OF PAVEMENT.
- G. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES MAY EXTEND INTO THE STABILIZED PORTION OF THE ROAD BED AND EXTREME CAUTION WILL BE NECESSARY DURING STABILIZATION OPERATIONS AT THESE LOCATIONS.
- H. OFFSETS TO MANHOLES ARE MEASURED FROM THE CENTERLINE OF CONSTRUCTION TO THE CENTERLINE OF THE STRUCTURE.

No.	Revisions	By	Date



NOTE:
ALL EXISTING AND PROPOSED ELEVATIONS
TO BE ADJUSTED BY +0.18'

Exhibit B, Page 7 of 40



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PALM BEACH COUNTY
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ROADWAY PLAN

SHEET: 7
OF: 19
PROJECT NO.
2024515



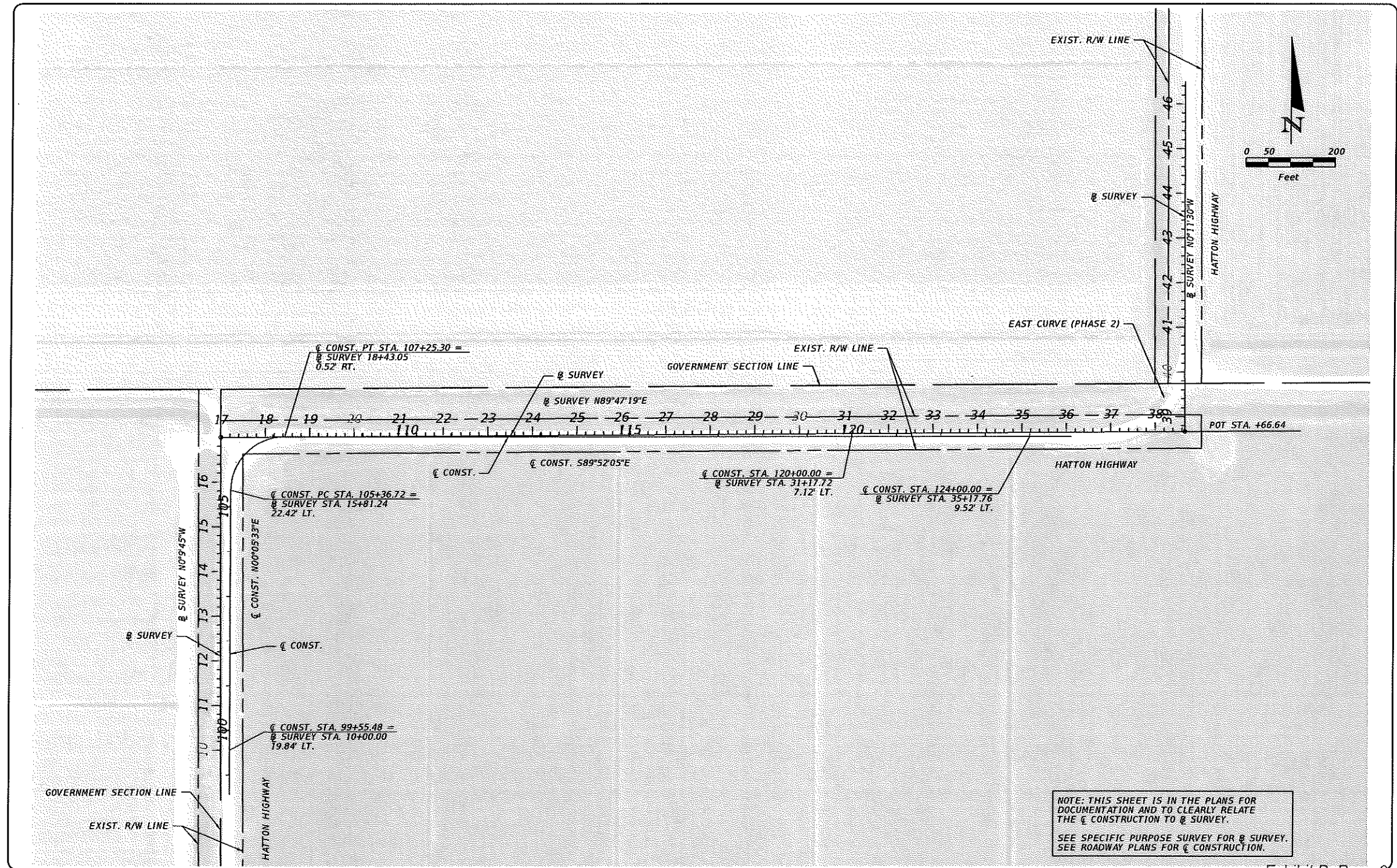
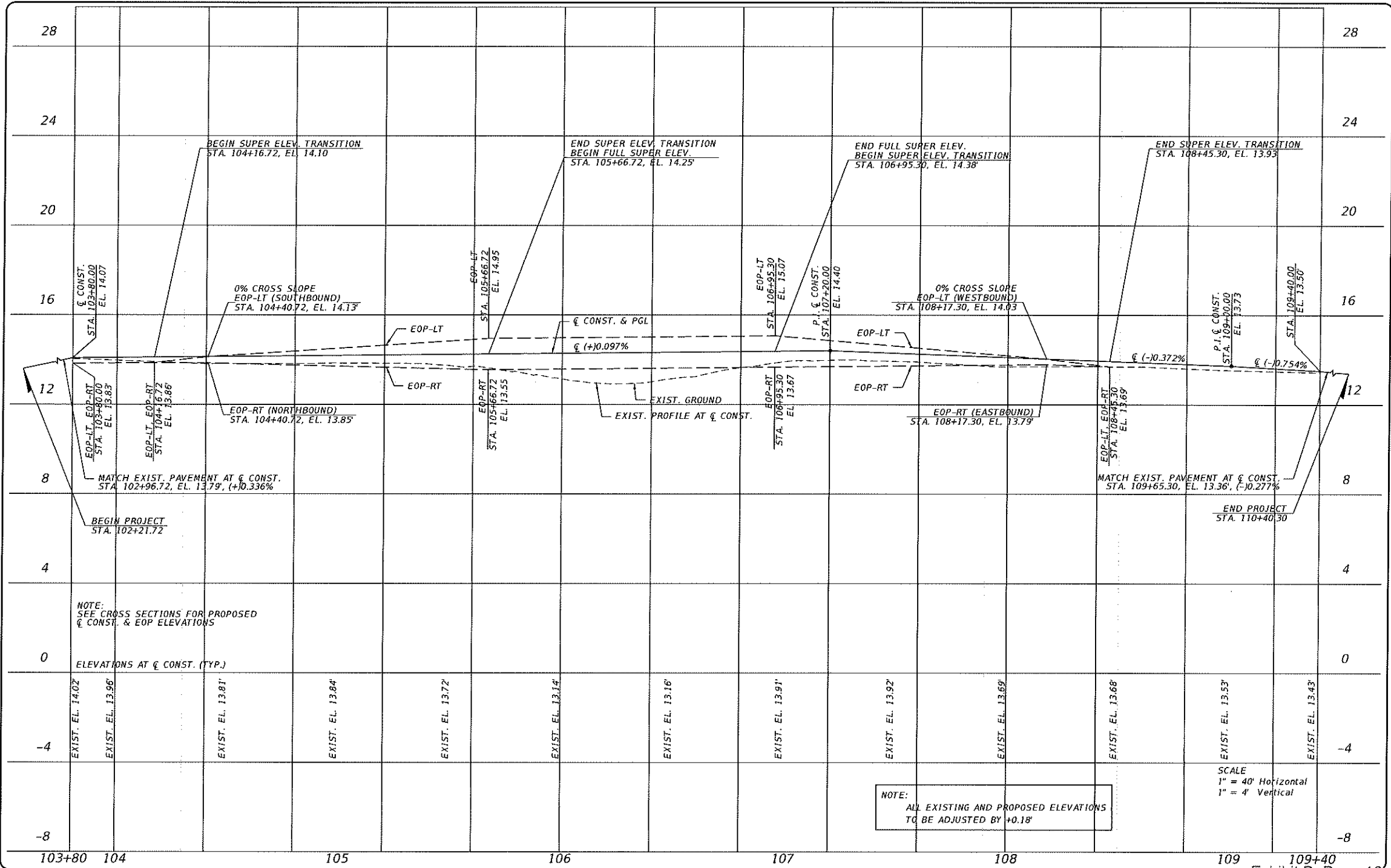


Exhibit B, Page 9 of 40





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APPROVED: NS
DRAWN: RS
CHECKED: AZ
DATE: 09/20/24

ROADWAY PROFILE

SHEET: 10
OF: 19
PROJECT NO.
2024515

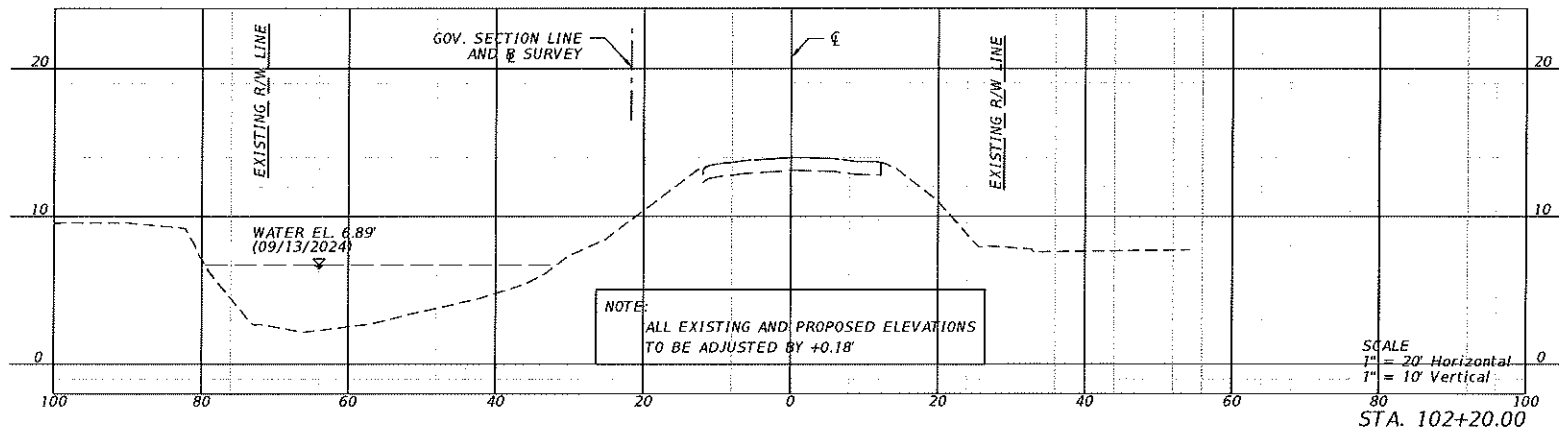
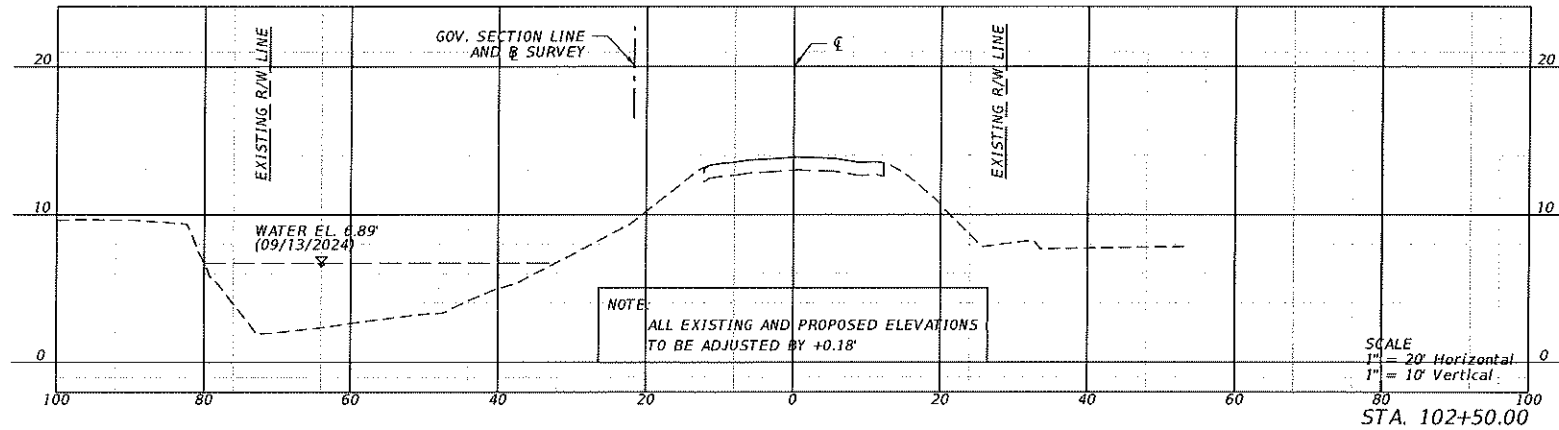
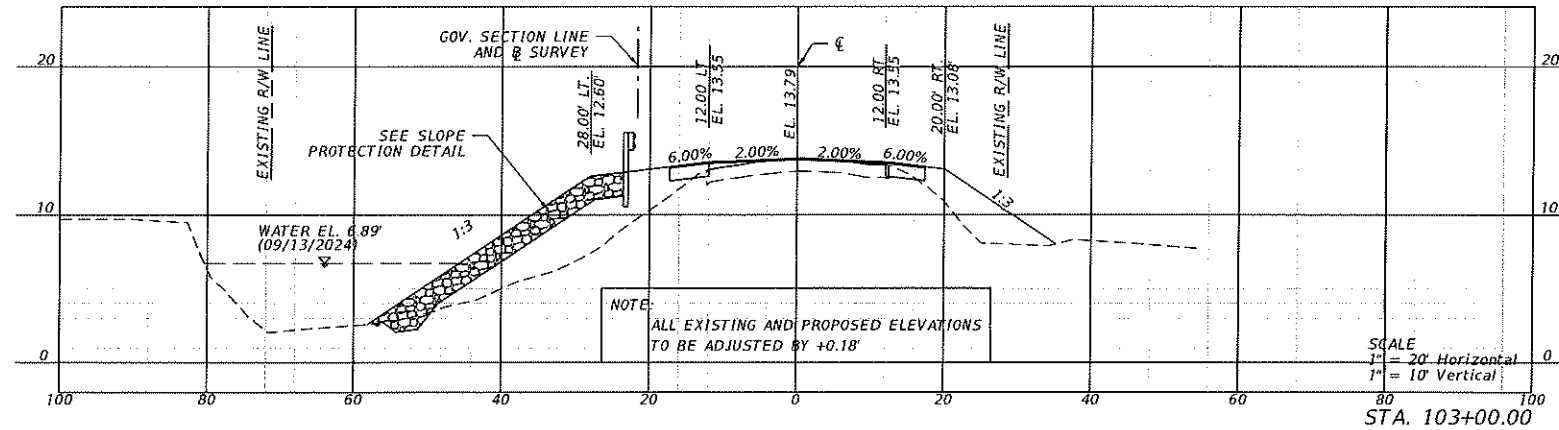


Exhibit B, Page 11 of 40



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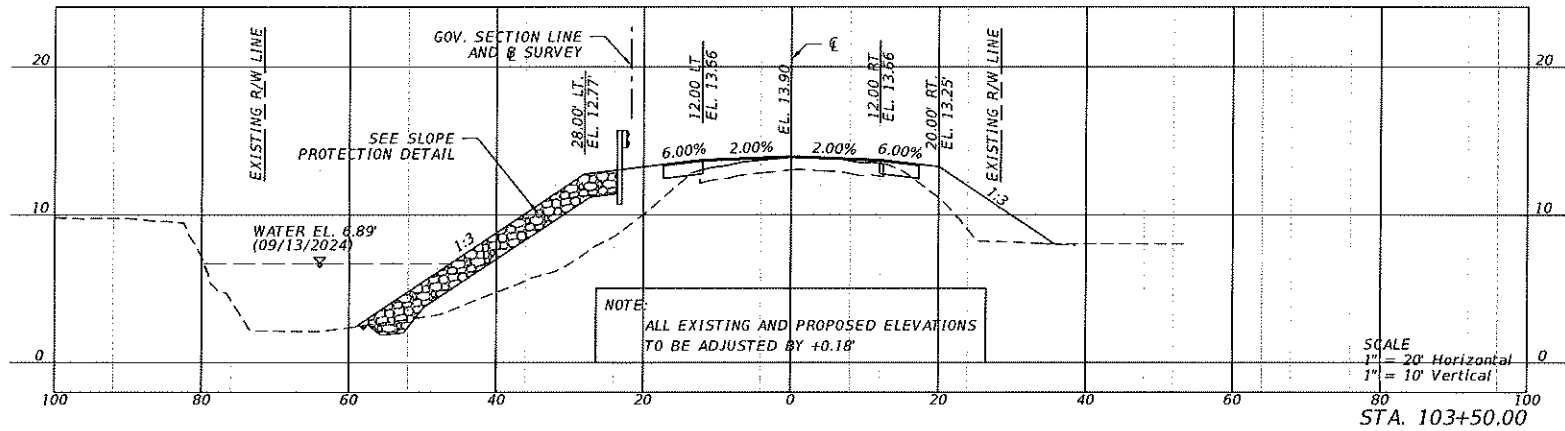
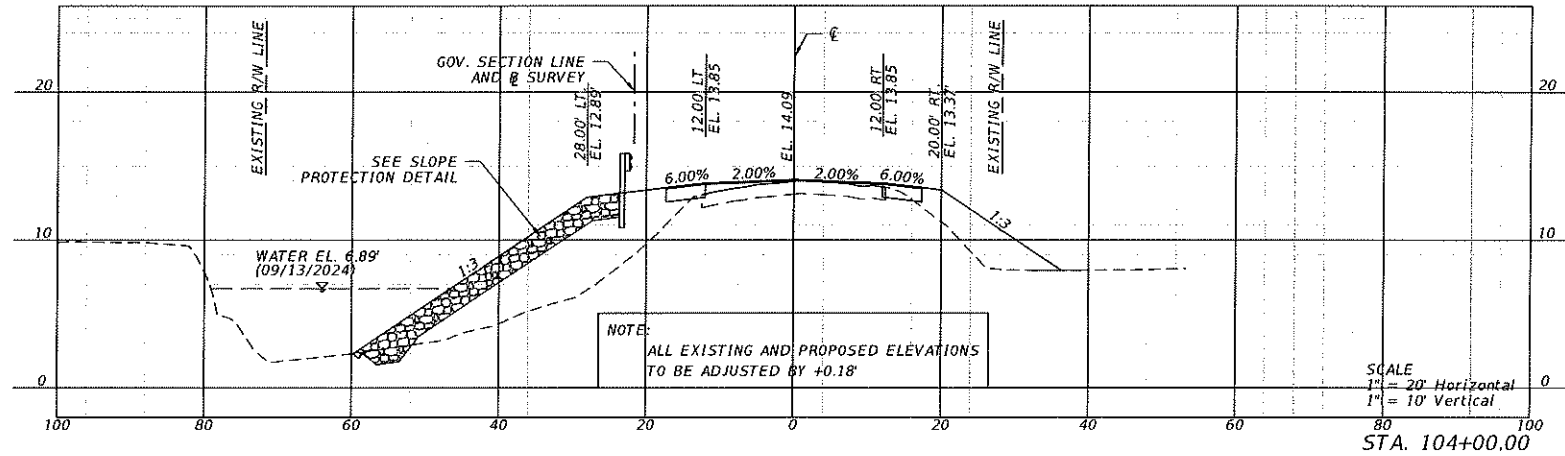
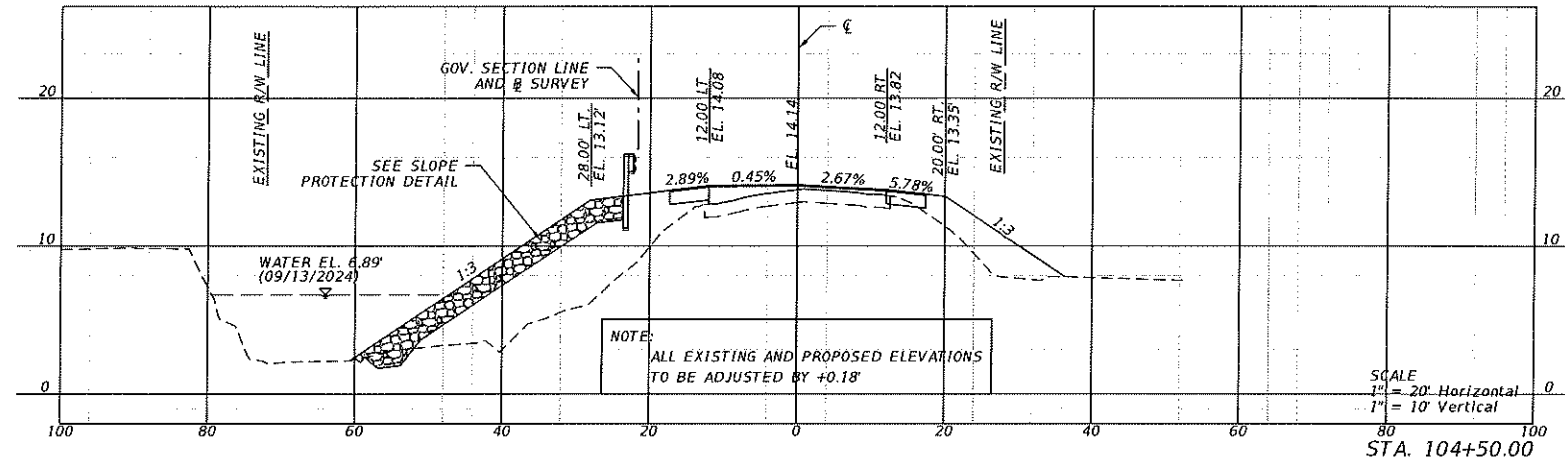


PALM BEACH COUNTY
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SCALE: H:1=20'
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CROSS SECTIONS

SHEET: 11
OF: 19
PROJECT NO.
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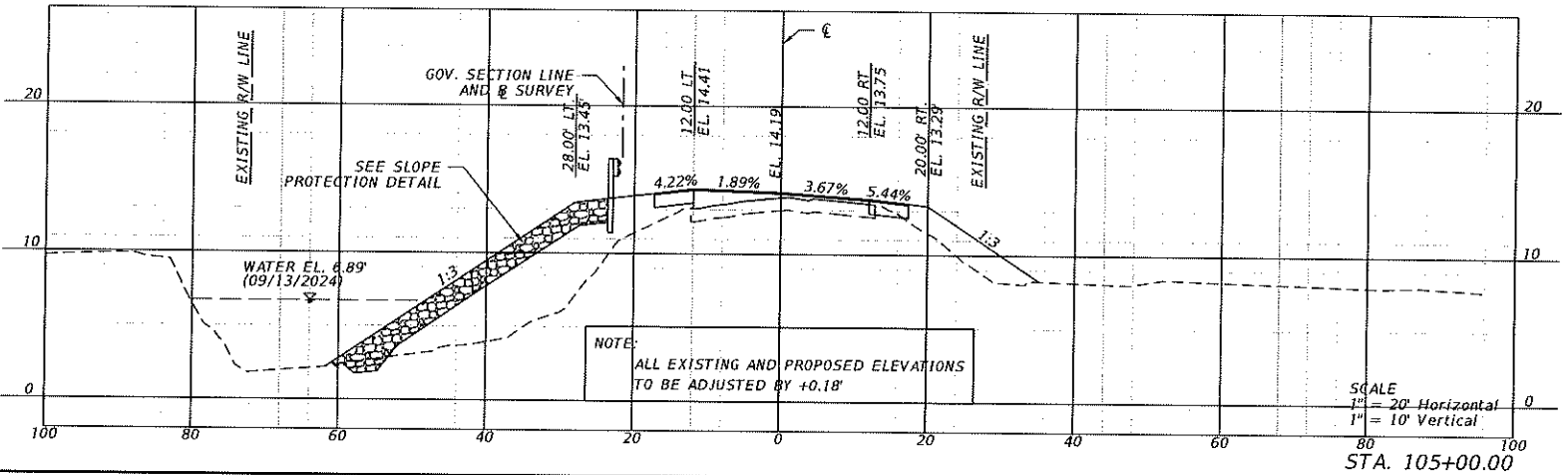
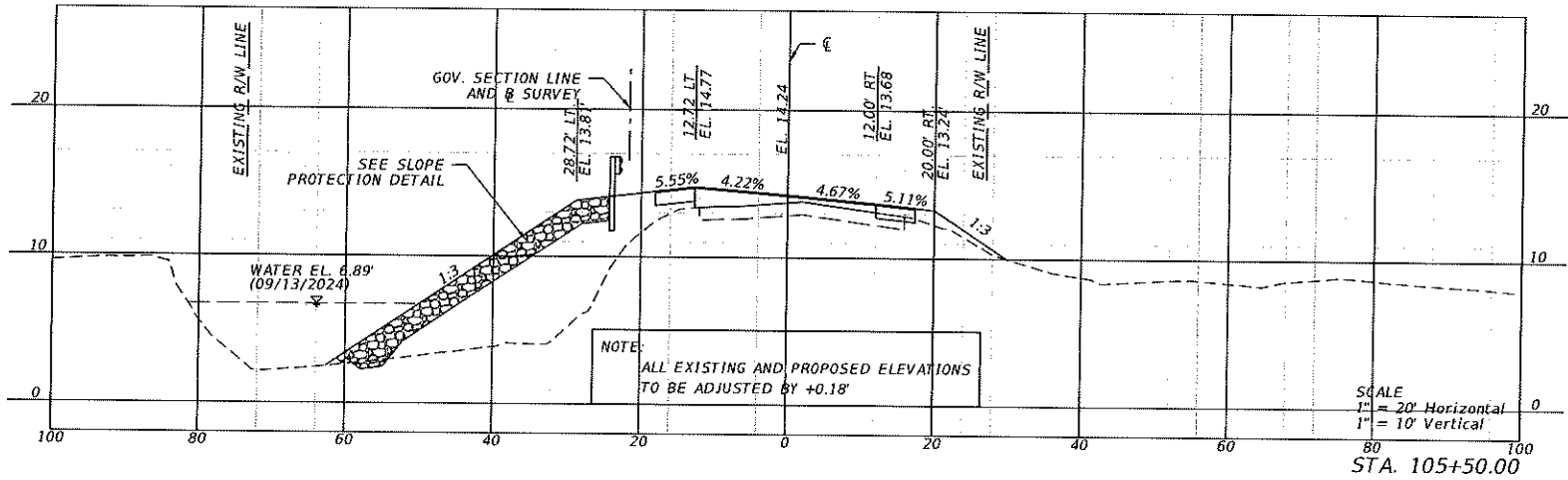
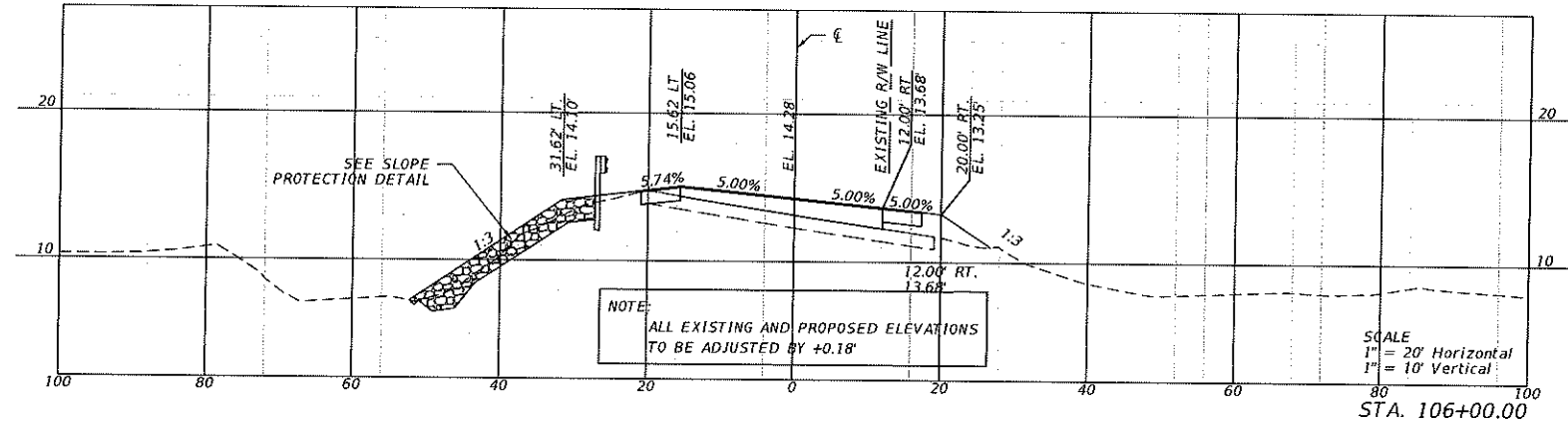


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CROSS SECTIONS

SHEET: 12
OF: 19
PROJECT NO.
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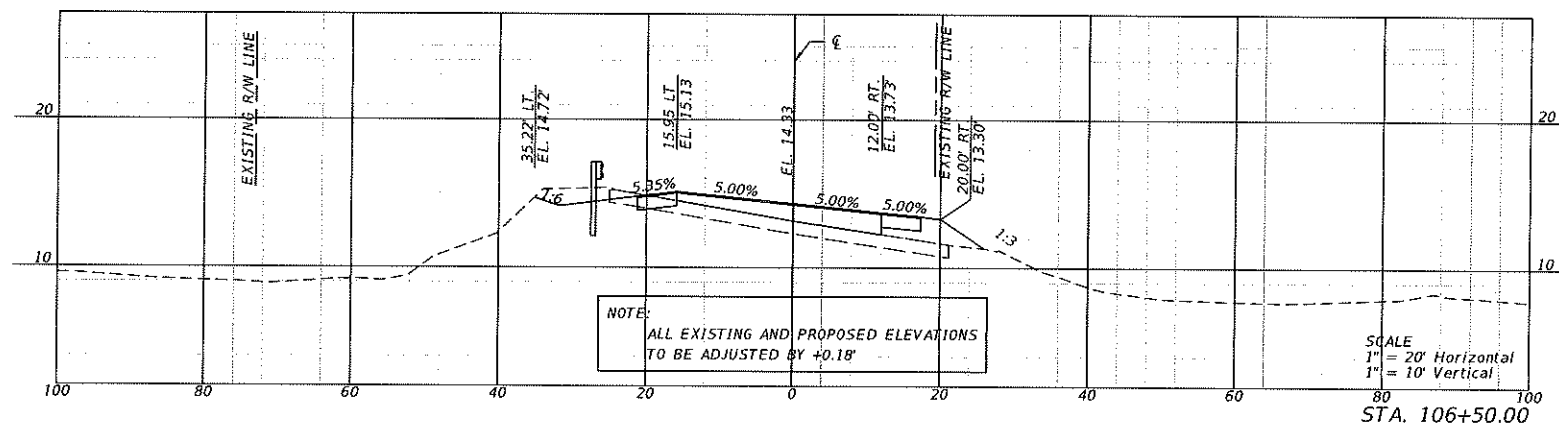
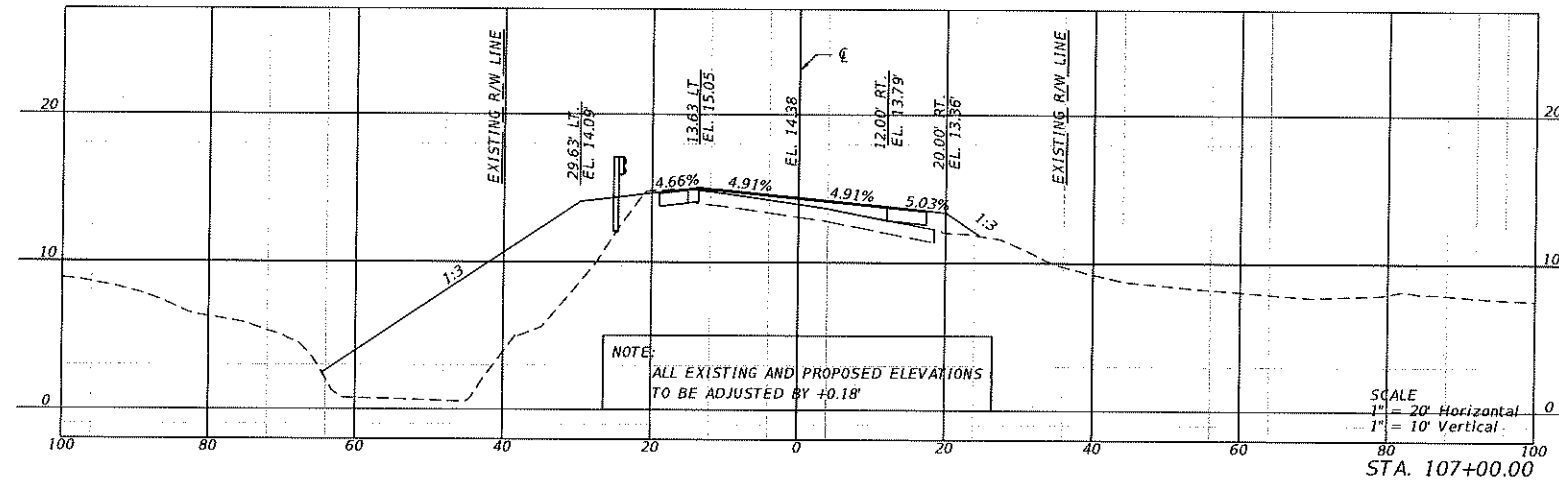


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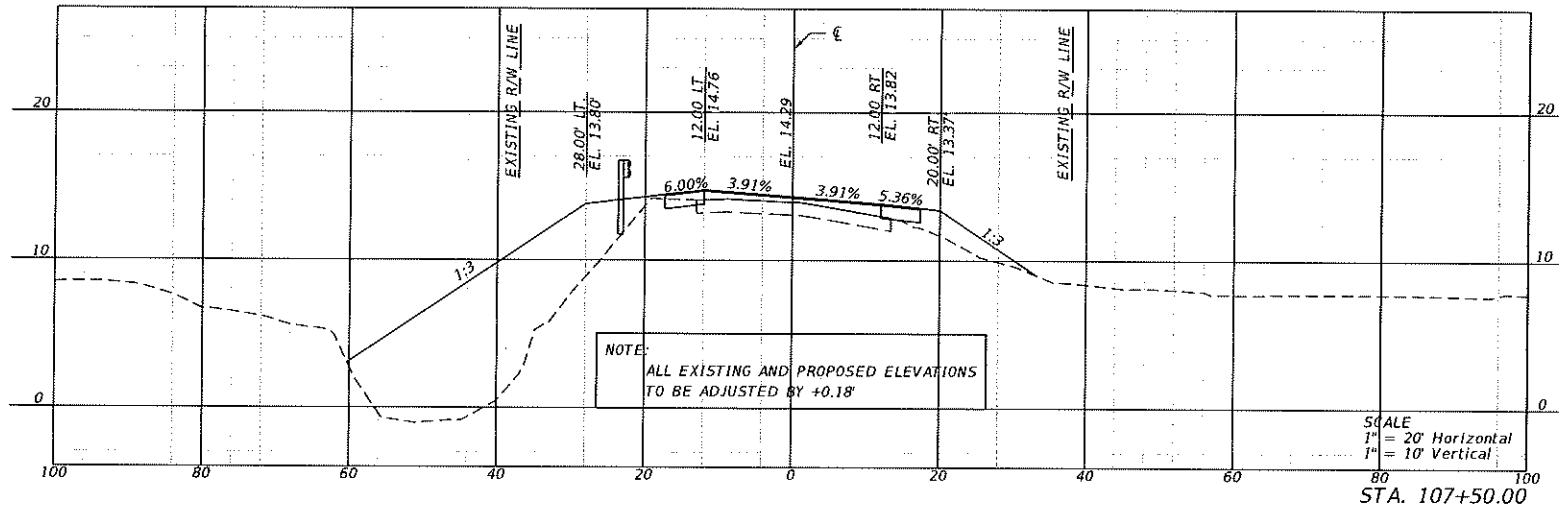
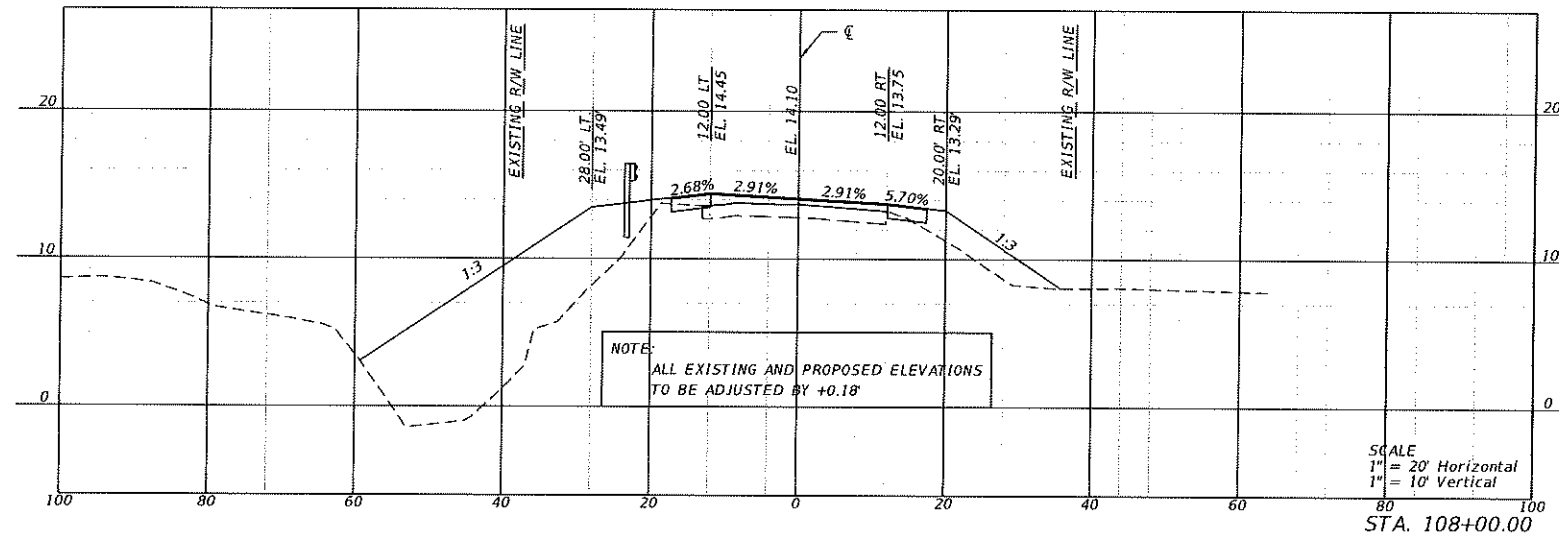
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CROSS SECTIONS

SHEET: 13
OF: 19
PROJECT NO.
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CROSS SECTIONS

SHEET: 15
OF: 19
PROJECT NO.
2024515

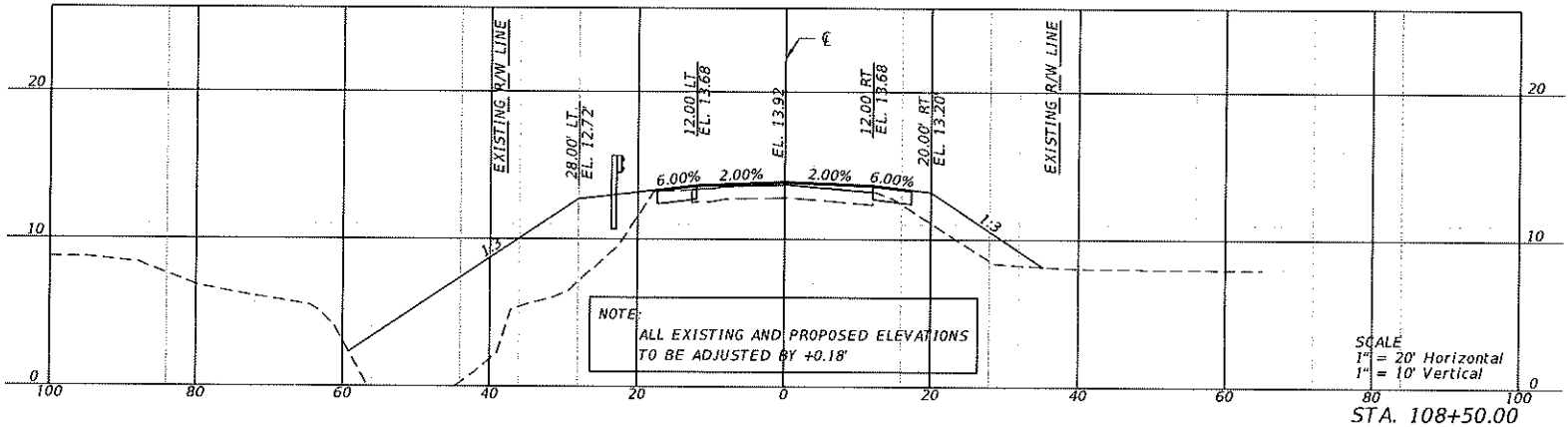
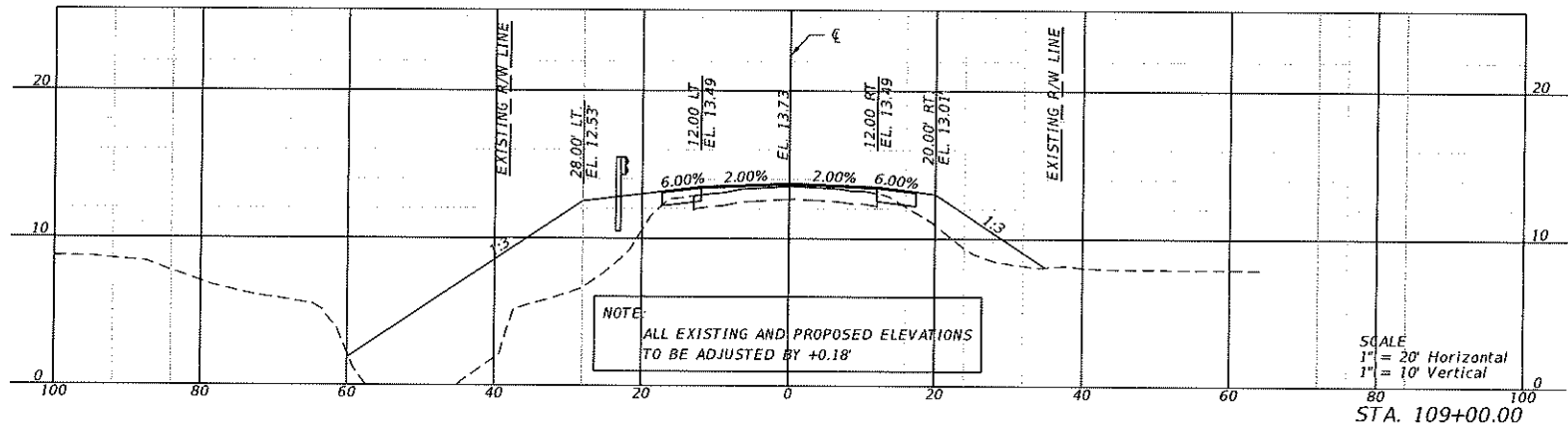
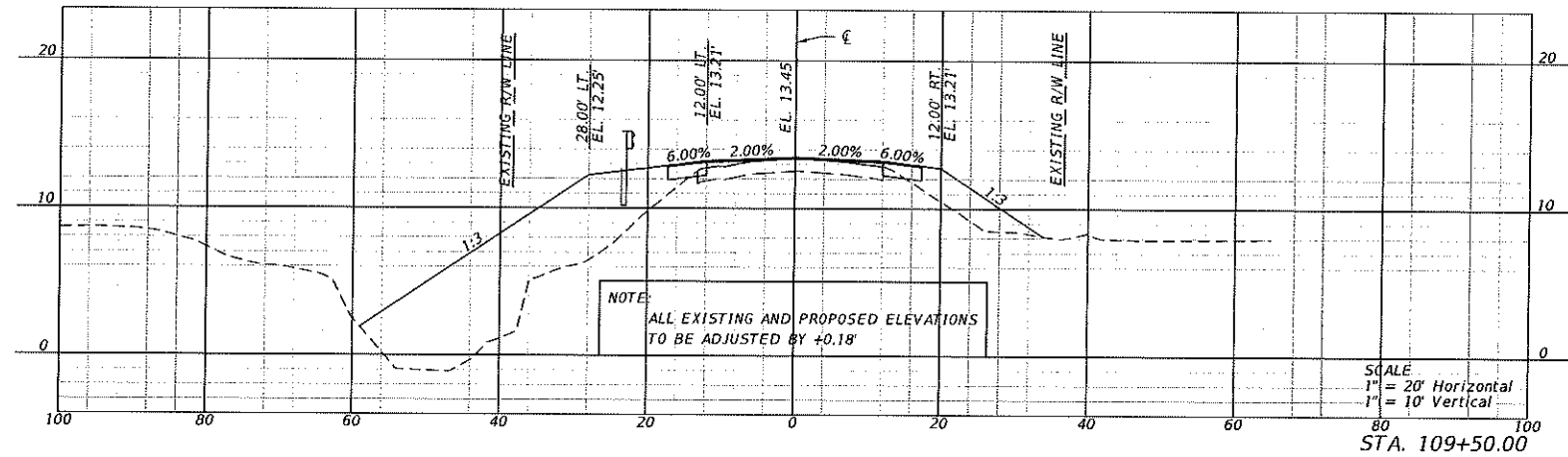


Exhibit B, Page 16 of 40



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DATE: 09/2024

CROSS SECTIONS

SHEET: 16
OF: 19
PROJECT NO.
2024515

End Area Volume Report				
Report Created: Thursday, October 3, 2024				
Cross Section Set Name:	Hatton Highway			
Alignment Name:	Centerline of Construction			
Input Grid Factor:	Note:	All units in this report are in feet, square feet and cubic yards unless specified otherwise.		
	Station Quantities			
Centerline Station	CUT		FILL	
	Area	Volume	Area	Volume
102+20.000 R1	0	0	0	0
102+50.000 R1	0	0	0	0
103+00.000 R1	2.143	1.985	190.122	176.039
103+50.000 R1	1.984	3.821	206.218	366.982
104+00.000 R1	1.835	3.535	228.701	402.704
104+50.000 R1	1.35	2.949	252.899	445.926
105+00.000 R1	1.498	2.637	239.697	456.107
105+50.000 R1	0.41	1.767	257.182	460.073
106+00.000 R1	0.034	0.411	95.792	326.827
106+50.000 R1	9.36	8.697	75.31	158.427
107+00.000 R1	4.16	12.518	268.676	318.505
107+50.000 R1	2.085	5.783	293.319	520.366
108+00.000 R1	2.302	4.062	294.351	544.139
108+50.000 R1	4.564	6.358	263.784	516.791
109+00.000 R1	2.552	6.589	270.185	494.415
109+50.000 R1	1.238	3.509	264.72	495.282
110+00.000 R1	0	1.147	0	245.111
110+50.000 R1	0	0	0	0
Grand Total:		65.767		5927.695

N.P.D.E.S. STORMWATER POLLUTION PREVENTION PLAN

THE CONTRACTOR SHALL PREPARE AND PROVIDE PALM BEACH COUNTY WITH A SPECIAL PLAN FOR THE PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION.

THIS PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE GENERAL REQUIREMENTS AND/OR ANY SPECIAL CONDITIONS OF ALL PERMITS WHICH AUTHORIZE THE CONSTRUCTION OF THE PROJECT. IN THE EVENT THERE ARE NO PERMITS REQUIRED TO CONSTRUCT THE PROJECT, OR THE APPROVED PERMITS DO NOT SPECIFICALLY ADDRESS EROSION AND WATER POLLUTION OR THEY DO NOT CONTROL SPECIAL CONDITIONS RELATED TO EROSION AND WATER POLLUTION, THE PROJECT STORMWATER POLLUTION PLAN FOR CONSTRUCTION ACTIVITIES SHALL BE GOVERNED BY FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2019) SUBARTICLES 7-1.1, 7-2.2, 7-8.2, AND ARTICLES 104.1 THROUGH 104.9.

THE CONTRACTOR'S PART OF THE SWPPP WILL INCLUDE HIS EROSION CONTROL AND STORMWATER MANAGEMENT PLAN DURING CONSTRUCTION AND ALL ADDITIONAL MEASURES HE WILL EMPLOY TO DISPOSE OF, CONTROL, OR OTHERWISE PREVENT THE DISCHARGE OF SOLID, HAZARDOUS, AND SANITARY WASTES TO WATERS OF THE U.S. PROCEDURES TO CONTROL ON-SITE TRACKING AND SPILLING OF SOIL BY VEHICLES AND CONSTRUCTION EQUIPMENT SHALL ALSO BE INCLUDED. THE CONTRACTOR SHALL INCLUDE A PROCEDURE FOR CLEANUP AND REPORTING OF NON-STORM WATER DISCHARGES SUCH AS CONTAMINATED GROUNDWATER AND ACCIDENTAL SPILLS OF CONTAMINANTS. THE CONTRACTOR'S PART OF SWPPP INCLUDING REQUIRED SIGNED CERTIFICATION STATEMENTS, SHALL BE FURNISHED TO AND APPROVED BY PALM BEACH COUNTY PRIOR TO INITIATION OF ANY SOIL DISTURBING ACTIVITIES.

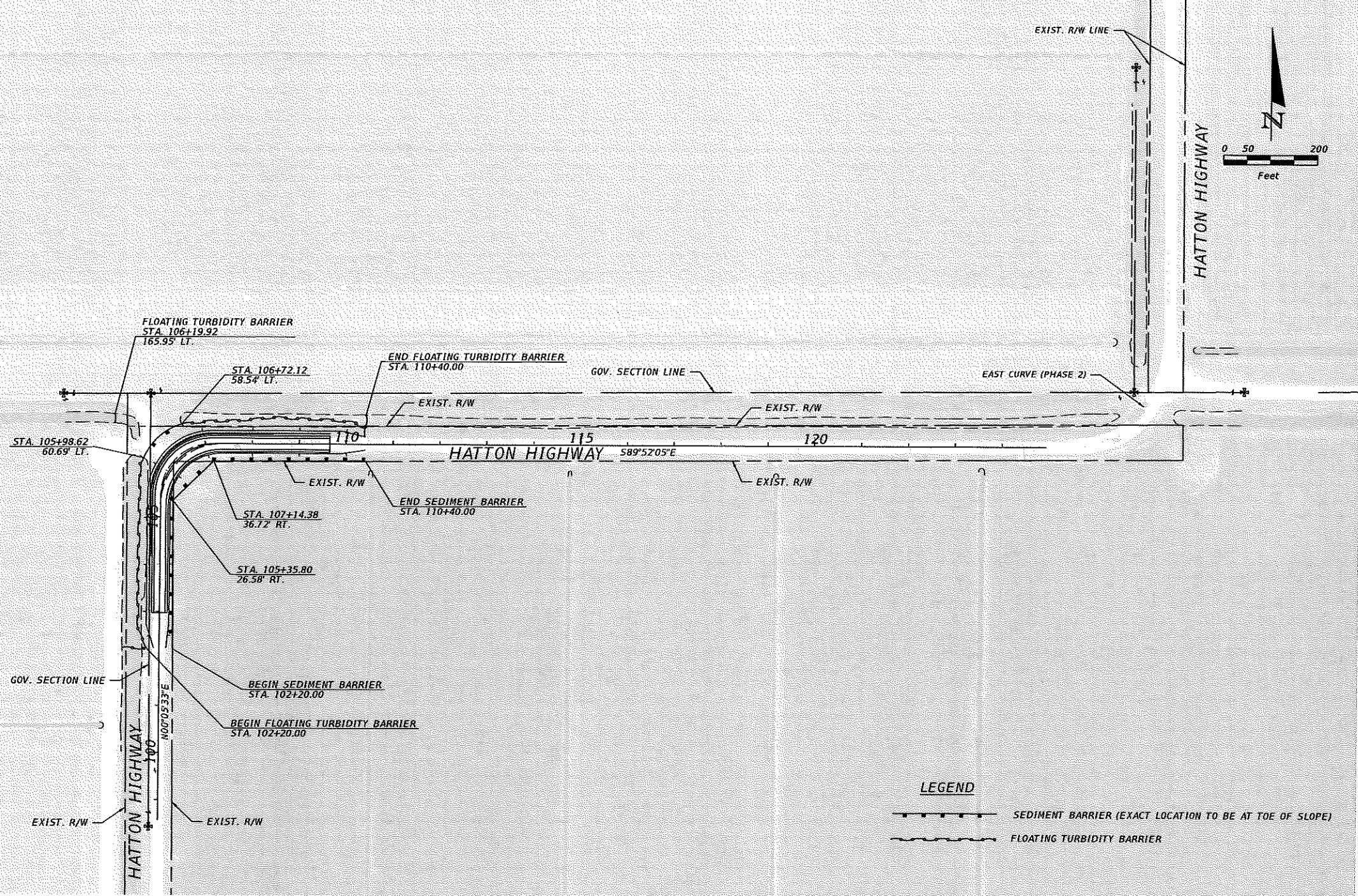
THE SWPPP FOR CONSTRUCTION ACTIVITIES SHALL BE PREPARED IN ACCORDANCE WITH THE FORMAT AND GUIDELINES SET FORTH IN THE EPA DOCUMENT NUMBER 833-R-06-00, DATED MAY 2007, TITLED "STORMWATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES" AND THE CONTRACTOR'S PROPOSED SEQUENCE OF OPERATIONS. THE SWPPP FOR CONSTRUCTION ACTIVITIES SHALL DESCRIBE, BUT NOT BE LIMITED TO, THE FOLLOWING ITEMS OR ACTIVITIES:

- 1. FOR EACH PHASE OF CONSTRUCTION OPERATIONS OR ACTIVITIES, THE CONTRACTOR SHALL SUPPLY THE FOLLOWING INFORMATION:
 - A. LOCATIONS OF ALL EROSION CONTROL DEVICES.
 - B. TYPES OF ALL EROSION CONTROL DEVICES.
 - C. ESTIMATE LENGTH OF TIME EROSION CONTROL DEVICES WILL BE IN OPERATION.
 - D. MONITORING SCHEDULES FOR MAINTENANCE OF EROSION CONTROL DEVICES.
 - E. METHOD OF MAINTENANCE FOR EROSION CONTROL DEVICES.
 - F. METHODS OF CONTAINMENT OR REMOVAL OR POLLUTANTS OR HAZARDOUS WASTES.
- 2. THE CONTRACTOR SHALL FURNISH THE ENGINEER THE NAME AND TELEPHONE NUMBER OF THE PERSON WHO WILL BE RESPONSIBLE FOR MONITORING AND MAINTAINING THE EROSION CONTROL DEVICES.
- 3. THE CONTRACTOR SHALL SUBMIT A COPY OF HIS SWPPP FOR CONSTRUCTION ACTIVITIES TO THE ENGINEER FOR HIS REVIEW AND APPROVAL ON OR BEFORE THE PROJECT PRECONSTRUCTION MEETING.

NO CONSTRUCTION ACTIVITIES SHALL COMMENCE UNTIL THE SWPPP FOR CONSTRUCTION ACTIVITIES HAS BEEN REVIEWED AND APPROVAL RECEIVED FROM THE ENGINEER.

THE CONTRACTOR SHALL SUBMIT TWO (2) COPIES OF THE APPROVED SWPPP FOR CONSTRUCTION ACTIVITIES TO THE ENGINEER AND ONE (1) COPY OF THE APPROVED SWPPP FOR CONSTRUCTION ACTIVITIES TO PALM BEACH COUNTY PRIOR TO THE BEGINNING OF CONSTRUCTION.

- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING, MONITORING AND MODIFYING THE SWPPP FOR CONSTRUCTION ACTIVITIES TO MEET CHANGING PROJECT SITE CONDITIONS.
- 5. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED SWPPP FOR CONSTRUCTION ACTIVITIES AT A CENTRAL LOCATION ON THE PROJECT SITE AT ALL TIMES AND BE RESPONSIBLE FOR COMPLIANCE WITH THE APPROVED SWPPP FOR CONSTRUCTION ACTIVITIES.
- 6. FULL PAYMENT FOR ALL WORK AND MATERIALS NECESSARY FOR PREPARATION, SUBMITTAL AND SUBSEQUENT MODIFICATION OF THE CONTRACTOR'S SWPPP FOR CONSTRUCTION ACTIVITIES AND FOR IMPLEMENTING IT DURING CONSTRUCTION SHALL BE INCLUDED IN THE N.P.D.E.S. COMPLIANCE.



LEGEND

- SEDIMENT BARRIER (EXACT LOCATION TO BE AT TOE OF SLOPE)
- FLOATING TURBIDITY BARRIER

Exhibit B, Page 19 of 40



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PALM BEACH COUNTY
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P.O. BOX 21229, WEST PALM BEACH, FLORIDA

SCALE: 1:200
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DATE: 09/2024

EROSION CONTROL PLAN

SHEET: 19
OF: 19
PROJECT NO.
2024515

CONTRACT PLAN SET INCLUDES:

ROADWAY PLANS
SIGNING & PAVEMENT MARKING PLANS (FOR INFORMATIONAL PURPOSES ONLY)
SURVEY (FOR INFORMATIONAL PURPOSES ONLY)

STATE OF FLORIDA
PALM BEACH COUNTY

HATTON HIGHWAY (PHASE 2)

(EAST CURVE)
PBC PROJECT NO. 2024515

BOARD OF COUNTY COMMISSIONERS
MARIA G. MARINO
"MAYOR"
DISTRICT 1

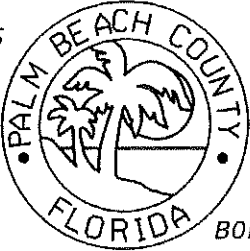
INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	SUMMARY OF PAY ITEMS
3	DRAINAGE MAP
4	TYPICAL SECTION
5	GENERAL NOTES
6-7	ROADWAY PLAN
8	Q CONST. & R SURVEY CORRELATION
9-10	ROADWAY PROFILE
11	DRIVEWAY PROFILE & DETAIL SHEET
12-18	ROADWAY CROSS SECTIONS
19	EARTHWORK END AREA VOLUME REPORT
20	STORM WATER POLLUTION PREVENTION PLAN
21	EROSION CONTROL PLAN

GREGG K. WEISS
DISTRICT 2

MARCI WOODWARD
DISTRICT 4

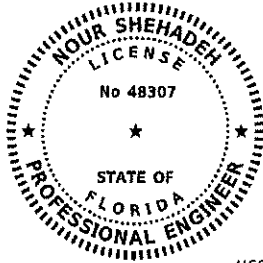
SARA BAXTER
"VICE MAYOR"
DISTRICT 6



JOEL FLORES
DISTRICT 3

MARIA SACHS
DISTRICT 5

BOBBY POWELL JR.
DISTRICT 7



THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL.

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BOCA RATON, FLORIDA 33431 • (561) 392-0221
NOUR SHEHADEH, P.E. NO. 48307

FINAL PLAN

GOVERNING STANDARD PLANS:

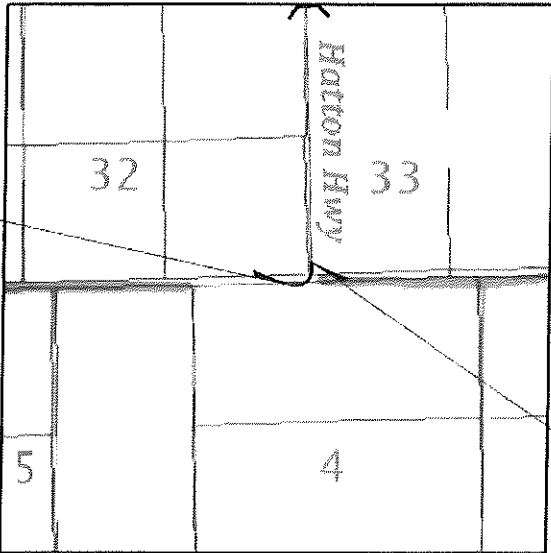
Florida Department of Transportation, FY2023-24 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.floridadot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, FY2023-24 Standard Specifications for Road and Bridge Construction at the following website: <http://www.floridadot.gov/programmanagement/Implemented/SpecBooks>

BEGIN PROJECT
STA. 122+73.45



END PROJECT
STA. 131+28.50

LOCATION MAP N.T.S.

PROJECT LENGTH IS BASED ON Q OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	855.05	0.162
DRIVEWAY	59.8	0.011
TOTAL LENGTH OF PROJECT	914.85	0.173

PLANS WERE PREPARED BASED ON THE NAVD 1988 DATUM.



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No.	Revisions	By	Date



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

SCALE: N/A
APPROVED: NS
DRAWN: RS
CHECKED: AZ
DATE: 01/2025

COVER SHEET

SHEET: 1
OF: 21
PROJECT NO.
2024515

SUMMARY OF PAY ITEMS				
ITEM NO.	FDOT ITEM NO.	ITEM DESCRIPTION	UNIT	QTY
ROADWAY				
1	0101 1	Mobilization	LS	1
2	0102 1	Maintenance of Traffic (incl. Pedestrian MOT)	LS	1
3	0110 1 1	Clearing and Grubbing	LS	1
4	0120 1	Regular Excavation	CY	186
5	0120 6	Embankment (Compacted in Place)	CY	4194
6	285 713	Optional Base Group 13	SY	1176
7	0327 70 1	Milling Exist Asphalt Pavement, 1" Avg Depth and Resurfacing	SY	999
8	0334 1 13	Superpave Asphalt Concrete (Traffic Level C) (1.5")	TN	244.1
9	0334 1 13	Type 5 Asphaltic Concrete Overbuild (Variable Thickness) (2.5")	TN	465
10	0337 7 02	Asphalt Concrete Friction Course (Traffic Level C) FC-9.5, (1.0")	TN	163.0
11	339 1	Miscellaneous Asphalt Pavement	TN	46.2
12	0536 1 1	Three Beam Guardrail Roadway, General, Deep Post, Steel	LF	1355
13	0536 85 24	End Treatment Approach Terminal Parallel Type	EA	6
14	0546 72 3	Ground-in Rumble Strips, 8" Sinusoidal	GM	0.39
15	0570 1 2	Sodding	SY	4260
NPDES				
16	0104 10 3	Sediment Barrier (Silt Fence)	LF	1819
17	104 11	Floating Turbidity Barrier	LF	150
CONTINGENCY ITEMS				
18	423 3 52 3	PREMIUM FOR CONFLICT CONDITION (SEE SP'S)	EA	1
19	425 3 52 3	CHANGEABLE (VARIABLE MESSAGE) SIGN (NON MOT)	ED	5

PAY ITEM NOTES:

- ITEM 2

INCLUDES ALL ITEMS FOR MAINTENANCE OF TRAFFIC WHICH ARE NOT INCLUDED FOR PAYMENT UNDER SEPARATE ITEMS.
INCLUDES PEDESTRIAN MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH THE SPECIFICATIONS.
- ITEM 3

INCLUDES REMOVAL OF EXISTING DRAINAGE STRUCTURES & PIPES, CULVERTS, INLET PROTECTION SYSTEM, SIGNS, FENCE, HEDGE, CURBS, TRAFFIC SEPARATORS, SIDEWALKS, ASPHALT, BASE, CONCRETE, GUARDRAIL, TEMPORARY CONSTRUCTION DETOURS, PVC CONDUITS, CAPPING OR MODIFYING MONITORING WELLS AND ANY OTHER ITEMS TO BE REMOVED THAT ARE NOT SPECIFICALLY COVERED UNDER ANOTHER SEPARATE PAY ITEM. INCLUDES TREE REMOVAL AND TRIMMING FOR UTILITY INSTALLATION. INCLUDES SAW CUTTING AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- ITEM 7

INCLUDES 12" THICK COMPACTION OF SUBGRADE PER FDOT STANDARDS.



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SUMMARY OF PAY ITEMS

SHEET: 2
OF: 21
PROJECT NO.
2024515

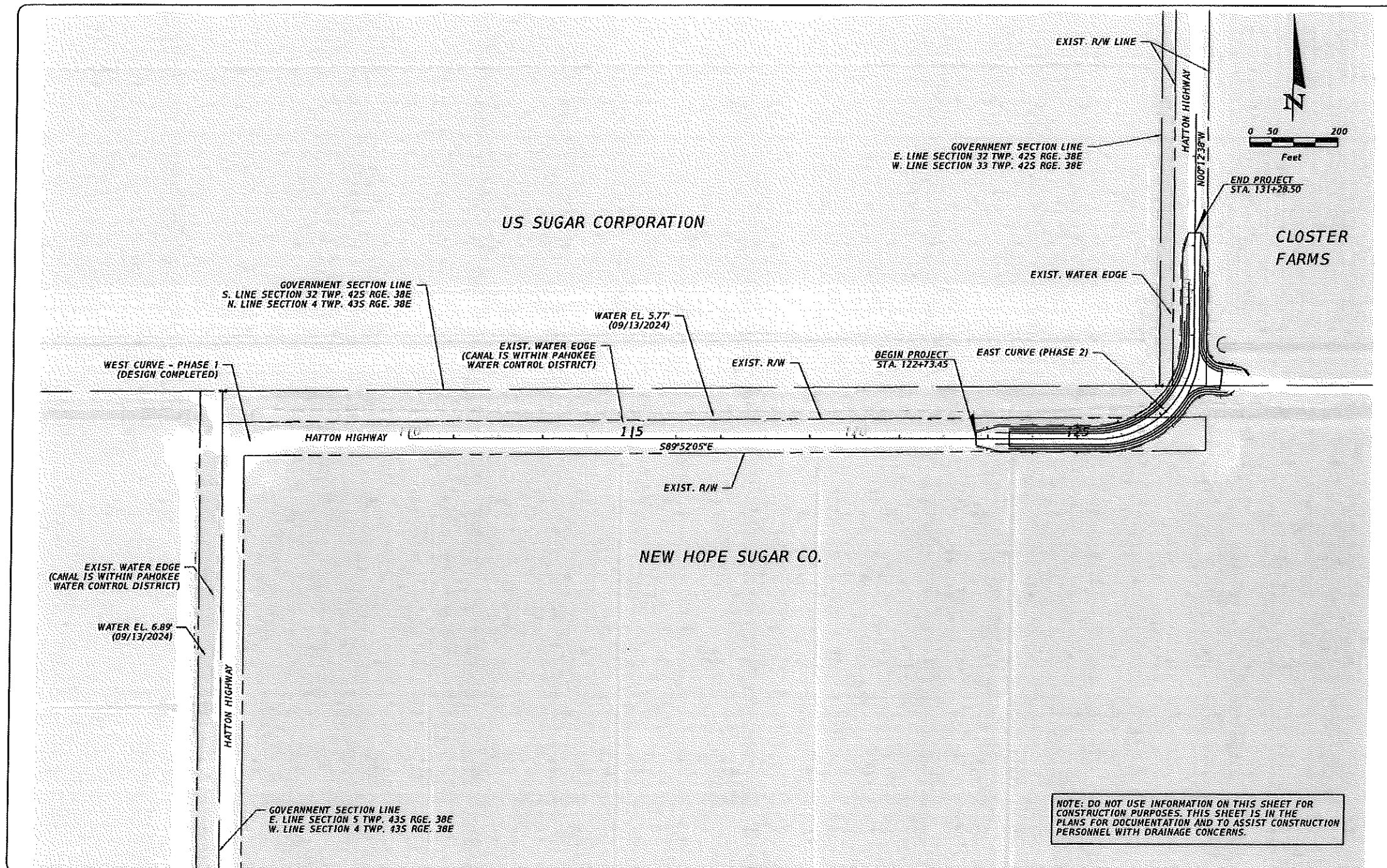
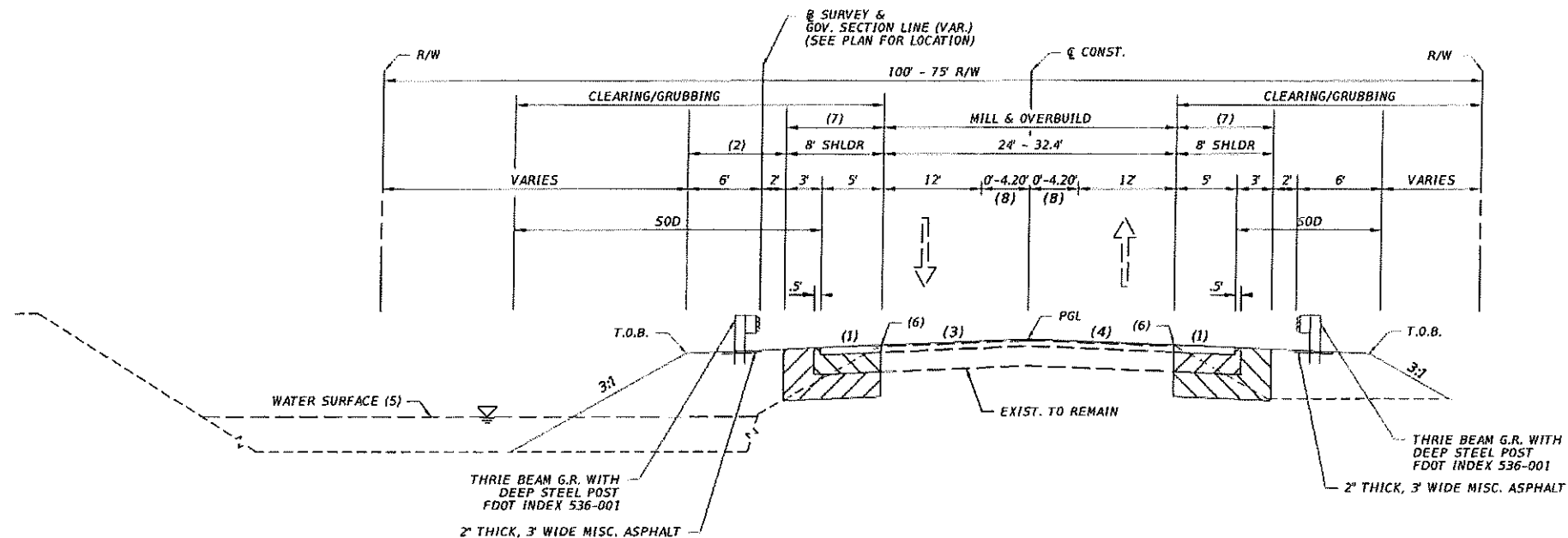


Exhibit B, Page 22 of 40



TYPICAL SECTION HATTON HIGHWAY
 STA. 123+00.00 TO TO STA. 131+30.00
 DESIGN SPEED ON CURVE 20MPH
 DESIGN SPEED (EXCLUDING CURVE & TRANSITIONS) 55MPH

MILLING ONLY
 MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (1" MIN.)

WIDENING
 OPTIONAL BASE GROUP 13 ON COMPACTED SUBGRADE 98% T180 WITH
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 3/4")
 AND FRICTION COURSE FC-9.5 (1")

MILLING & RESURFACING
 MILL EXISTING ASPHALT PAVEMENT FOR DEPTH OF 1" MIN
 RESURFACE WITH 1" FC-9.5

OVERBUILD
 TYPE SP OVERBUILD (TRAFFIC C), THICKNESS VARIES

- (1) SHOULDER SLOPE VARIES -2% TO -6%
- (2) EMBANKMENT SLOPE TO BE 10:1 MAX
- (3) SLOPE VARIES -2% TO -5%
- (4) SLOPE VARIES -2% TO +5%
- (5) SEE PLAN FOR CANAL LIMITS & WATER ELEVATION
- (6) SAW CUT AND MATCH EDGE OF PAVEMENT
- (7) WIDENING AND DEMUCKING
- (8) FROM STA. 125+47.64 TO STA. 128+78.76

NOTE: ALL FILL MATERIAL WILL BE BASE ROCK
 NOTE: OVERBUILD AND SUPERPAVE THICKNESS VARIES
 REFER TO CROSS SECTIONS FOR THICKNESS.



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PALM BEACH COUNTY
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SCALE: N/A
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 DATE: 01/2025

TYPICAL SECTION

SHEET: 4
 OF: 21
 PROJECT NO.
 2024515

PROJECT NOTES

1. PRIOR TO THE COMMENCEMENT OF ANY EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH FLORIDA STATUTE 553.851 FOR THE PROTECTION OF UNDERGROUND GAS PIPELINES.
2. GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE NOTED.
3. EXISTING SECTION CORNERS, QUARTER SECTION CORNERS, PROPERTY CORNERS, PALM BEACH COUNTY SURVEY CONTROL MONUMENTS AND ALL OTHER PERMANENT MONUMENTS LOCATED WITHIN PROPOSED CONSTRUCTION ARE TO BE REFERENCED PRIOR TO CONSTRUCTION AND RESET AFTER CONSTRUCTION BY A PROFESSIONAL SURVEYOR & MAPPER WITH A MONUMENT BEARING EITHER THE FLORIDA LICENSE NUMBER OR CERTIFICATE OF AUTHORIZATION NUMBER OF THE PARTY IN RESPONSIBLE CHARGE.
4. THE LOCATION OF THE EXISTING UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR PRIOR TO THE START DATE OF CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY IF "OTHER" UTILITIES (NOT SHOWN IN THE PLANS) EXIST WITHIN THE AREA OF CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE ENGINEER AND NOTIFY THE RESPECTIVE UTILITY OWNERS TO RESOLVE UTILITY CONFLICTS AND UTILITY ADJUSTMENTS, AS REQUIRED.
5. THE FOLLOWING IS A LIST OF UTILITY OWNERS:
- | CONTACT PERSON | UTILITY | PHONE NUMBER |
|-----------------------|---------|--|
| CRAIG LEDBETTER, P.E. | FPL | 561-803-7942 OFFICE
561-532-7082 MOBILE |
6. APPROXIMATE UTILITY LOCATIONS MAY ALSO BE DETERMINED BY CALLING SUNSHINE ONE-CALL AT 1 800-432-4770 AND THE RESPECTIVE UTILITY COMPANY.
7. STATIONS AND OFFSETS REFER TO THE CENTERLINE OF CONSTRUCTION, UNLESS OTHERWISE NOTED.
8. NO CONSTRUCTION SHALL BE COMMENCED UNTIL ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN SECURED AND THE CONTRACTOR IS ISSUED A NOTICE TO PROCEED.
9. ALL TEMPORARY AND PERMANENT BENCHMARKS ARE TO BE PROTECTED DURING CONSTRUCTION.
10. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR IS TO NOTIFY THE COUNTY SURVEYOR.
11. ANY VERTICAL DATUM MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF IN DANGER OF DAMAGE, THE PROJECT ENGINEER SHOULD NOTIFY:
GEODETIC INFORMATION CENTER
ATTN: MARK MAINTENANCE SECTION
ATTN: MCG-162
6001 EXECUTIVE BOULEVARD
ROCKVILLE, MARYLAND 20852
TELEPHONE NO. (301) 443-8319
12. CONTRACTOR SHALL REMOVE AND/OR RELOCATE EXISTING SIGNS IN ORDER TO PREVENT ANY UNNECESSARY DAMAGE TO THE SIGNS. SIGNS WHICH ARE DAMAGED BEYOND USE, AS DETERMINED BY THE ENGINEER, SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
13. ALL EXISTING PALM BEACH COUNTY SIGNS WITHIN THE LIMITS OF CONSTRUCTION WHICH ARE TO BE RELOCATED OR REMOVED SHALL BE REMOVED BY THE CONTRACTOR AND STOCKPILED WITHIN THE R/W FOR REMOVAL OR RELOCATION BY PALM BEACH COUNTY OPERATIONS.
14. ALL VEGETATION, DEBRIS, CONCRETE OR OTHER UNSUITABLE MATERIAL SHALL BE DISPOSED LEGALLY OFF SITE IN AREAS PROVIDED BY THE CONTRACTOR AT HIS EXPENSE.
15. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJOINING PROPERTIES AT ALL TIMES AND SCHEDULE WORK TO EXPEDITE DRIVEWAY DRAINAGE STRUCTURE INSTALLATION IN THE VICINITY OF ABUTTING PROPERTIES.
16. IN THE AREAS OF PAVEMENT WIDENING, ALL EXISTING PAVEMENT EDGES ARE TO BE SAW CUT TO A CLEAN, STRAIGHT AND UNIFORM SURFACE.
17. THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR ANY DAMAGES OR PERSONAL INJURY DUE TO ACCIDENT WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSIONS AND/OR UNDERGROUND UTILITIES.
18. WHEN DISSIMILAR MATERIAL CONNECTIONS ARE MADE, SUCH AS CONCRETE TO METAL, THE METAL MATERIALS SHALL BE SEPARATED BY COATING THE CONTACT SURFACES WITH BITUMASTIC MATERIAL
19. ALL EXISTING DRAINAGE STRUCTURES WITHIN THE PROJECT LIMITS ARE TO REMAIN UNLESS OTHERWISE SPECIFIED IN PLANS.
20. IN REFERENCE TO THE PROPOSED DRAINAGE STRUCTURES AND PIPES:
- A. CONCRETE PIPE CULVERT (R.C.P.) SHALL BE CLASS III, UNLESS OTHERWISE NOTED.
- B. ALL STORM STRUCTURE TOPS SHALL BE ADJUSTED AT THE TIME OF FINAL PAVEMENT OR CURB CONSTRUCTION. FINAL ADJUSTMENT OF ALL TOPS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER SHALL BE NOTIFIED OF ANY DEVIATIONS FROM THE PLAN PRIOR TO IMPLEMENTATION OF FINAL ADJUSTMENTS.
- C. THE LENGTHS OF PIPE SHOWN HAVE BEEN DETERMINED BY CALCULATING THE DISTANCE BETWEEN THE "CENTERLINE" OF THE INLETS AND/OR MANHOLES.
- D. ALL DITCH BOTTOM INLETS SHALL HAVE AN EYEBOLT AND CHAIN IN ACCORDANCE WITH FDOT INDEX 425-001.
- E. THE CONTRACTOR SHALL VERIFY THE EXISTING INVERT ELEVATIONS AND DIMENSIONS OF ALL EXISTING DRAINAGE STRUCTURES PRIOR TO FABRICATION OF PROPOSED DRAINAGE STRUCTURES.
- F. OFFSETS TO CURB INLETS ARE AT EDGE OF PAVEMENT.
- G. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES MAY EXTEND INTO THE STABILIZED PORTION OF THE ROAD BED AND EXTREME CAUTION WILL BE NECESSARY DURING STABILIZATION OPERATIONS AT THESE LOCATIONS.
- H. OFFSETS TO MANHOLES ARE MEASURED FROM THE CENTERLINE OF CONSTRUCTION TO THE CENTERLINE OF THE STRUCTURE.



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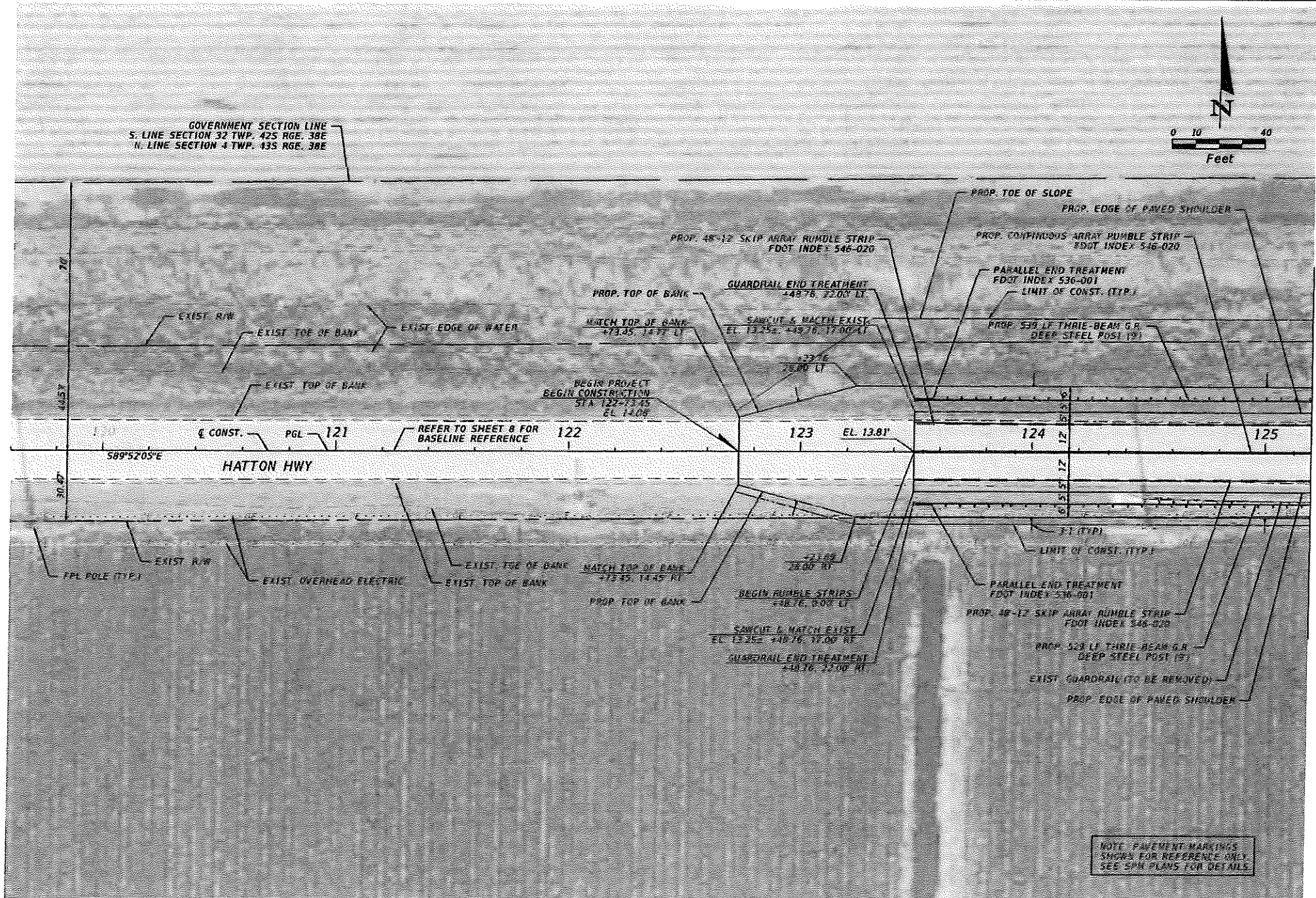


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GENERAL NOTES

SHEET: 5
OF: 21
PROJECT NO.
2024515



NOTE: PAVEMENT MARKINGS SHOWN FOR REFERENCE ONLY. SEE SPH PLANS FOR DETAILS.

MATCH LINE 125+20.00

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SCALE: 1"=40'
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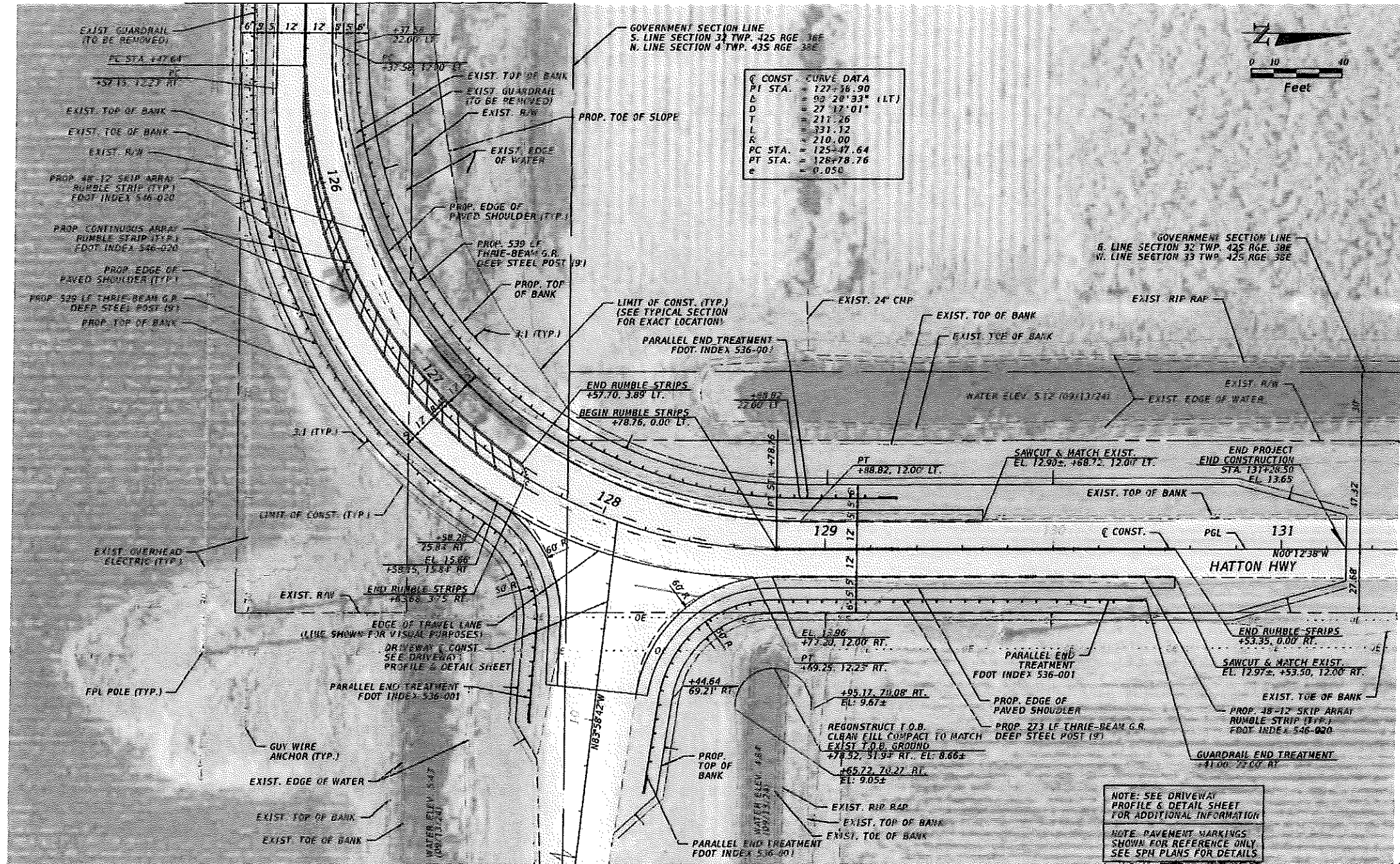
ROADWAY PLAN

SHEET: 6
 OF: 21
 PROJECT NO.
 2024515

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MATCH LINE 125+20.00



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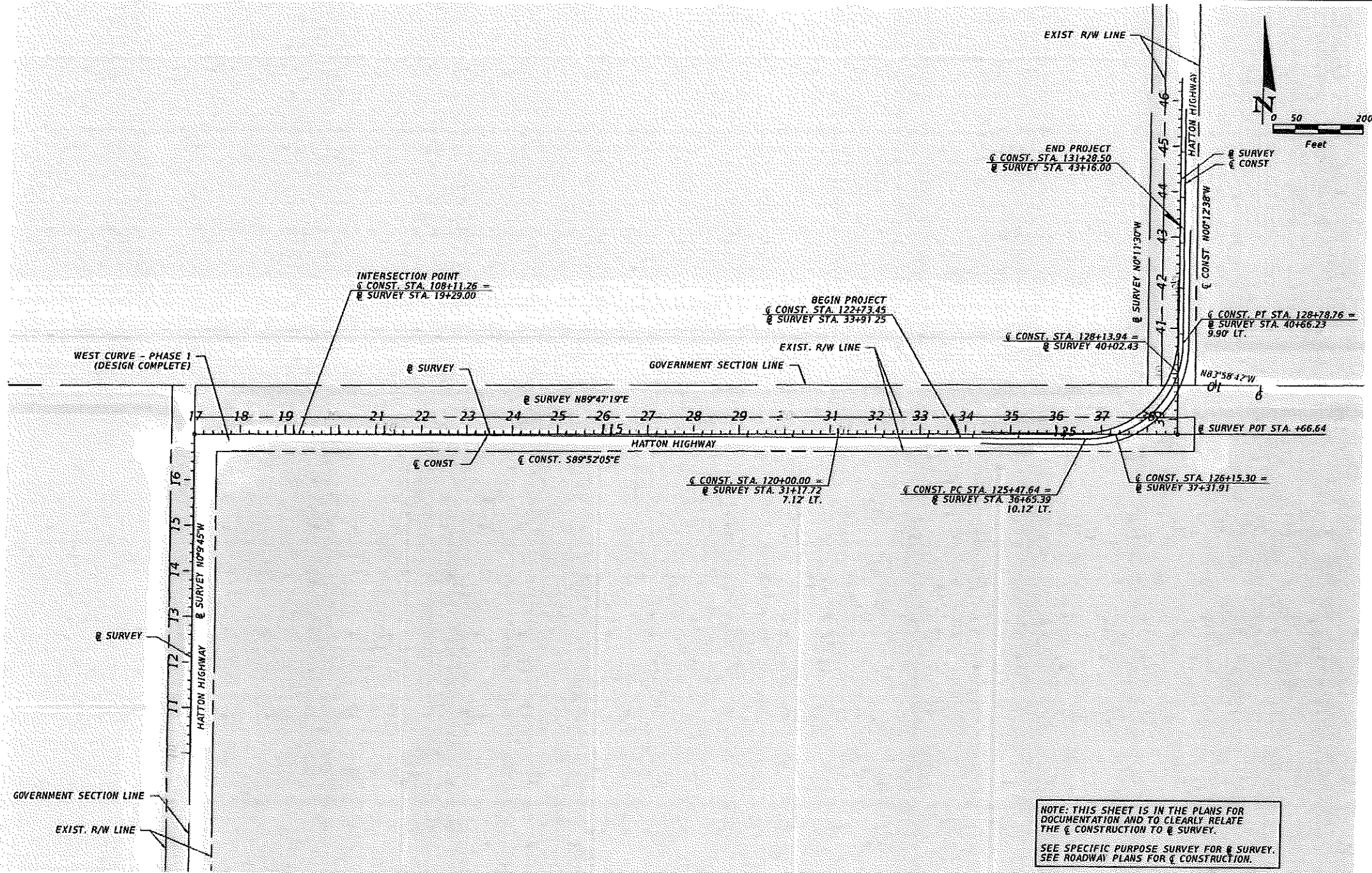
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ROADWAY PLAN

Exhibit B, Page 26 of 40

SHEET: 7
OF: 21
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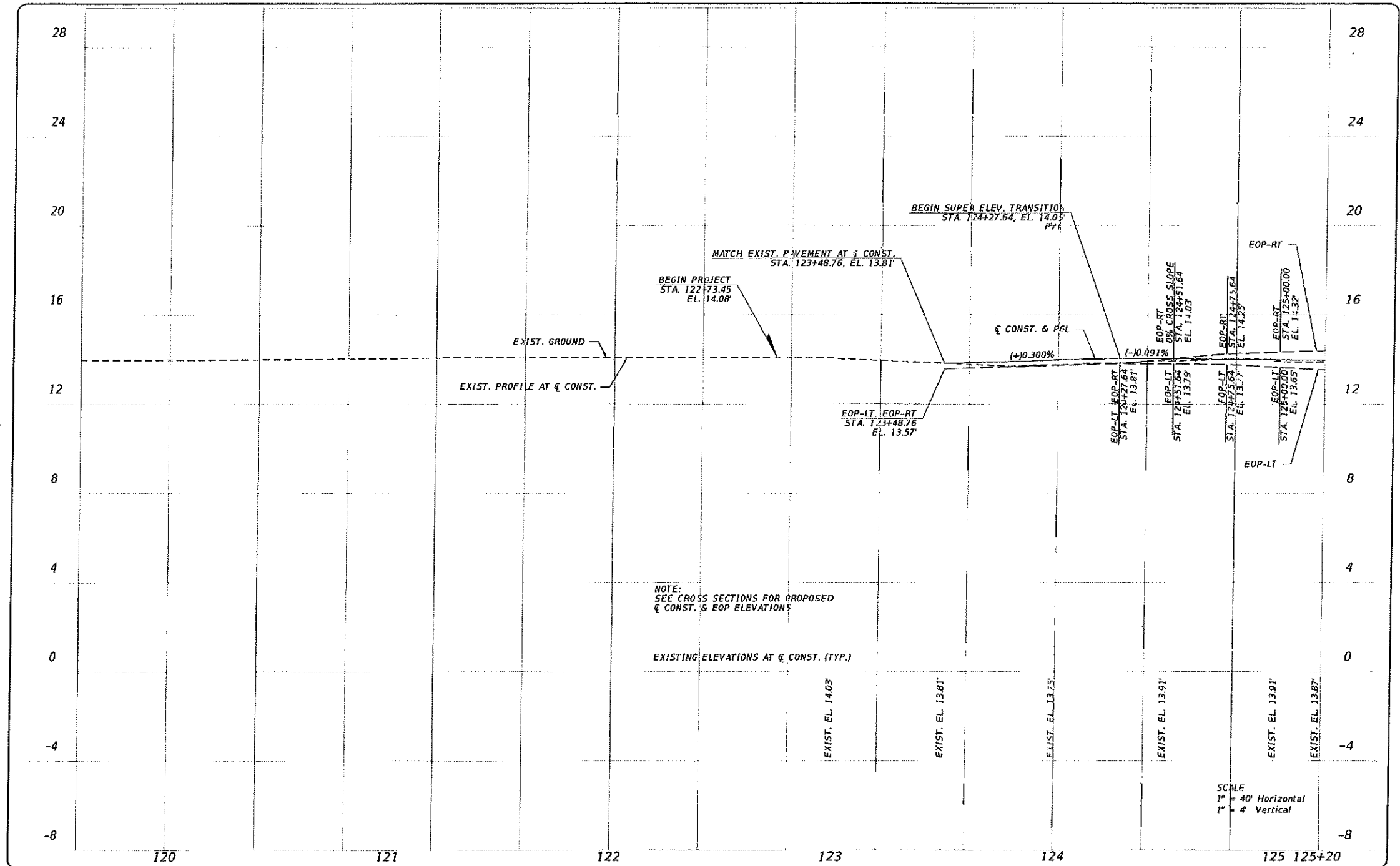


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@ CONST. & @ SURVEY
CORRELATION

SHEET: 8
 OF: 21
 PROJECT NO.
 2024515



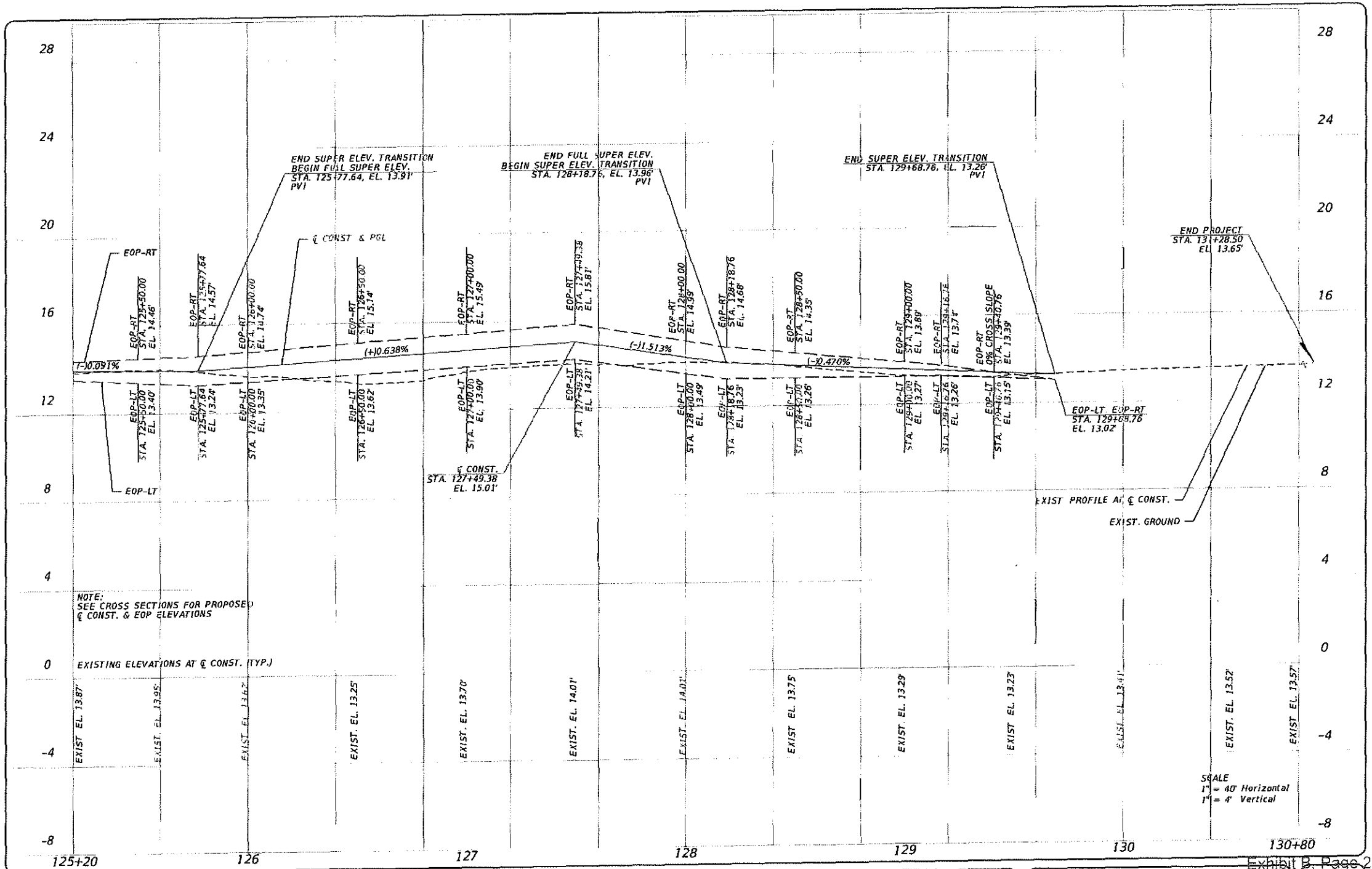


Exhibit B, Page 29 of 40

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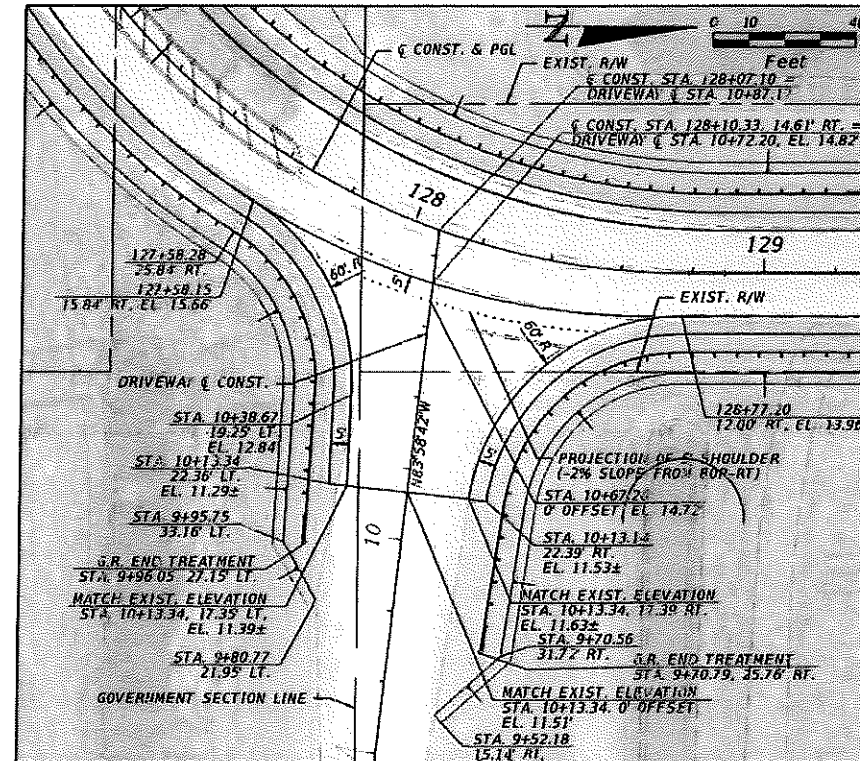
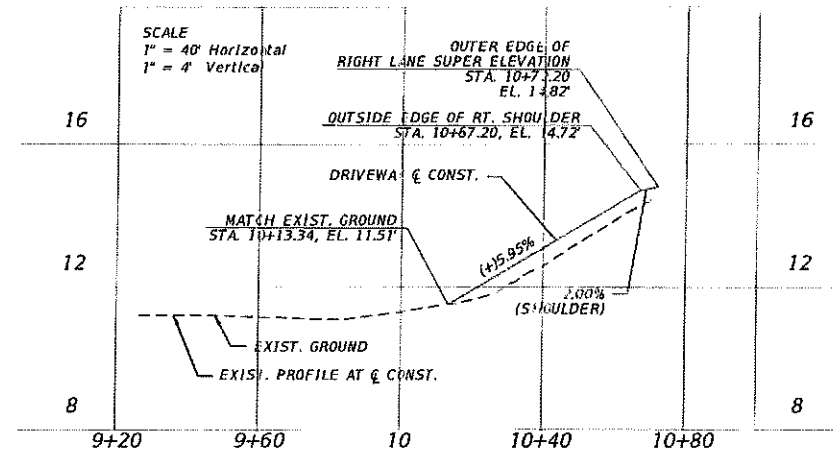
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3/24/2025

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ROADWAY PROFILE

SHEET: 10
OF: 21
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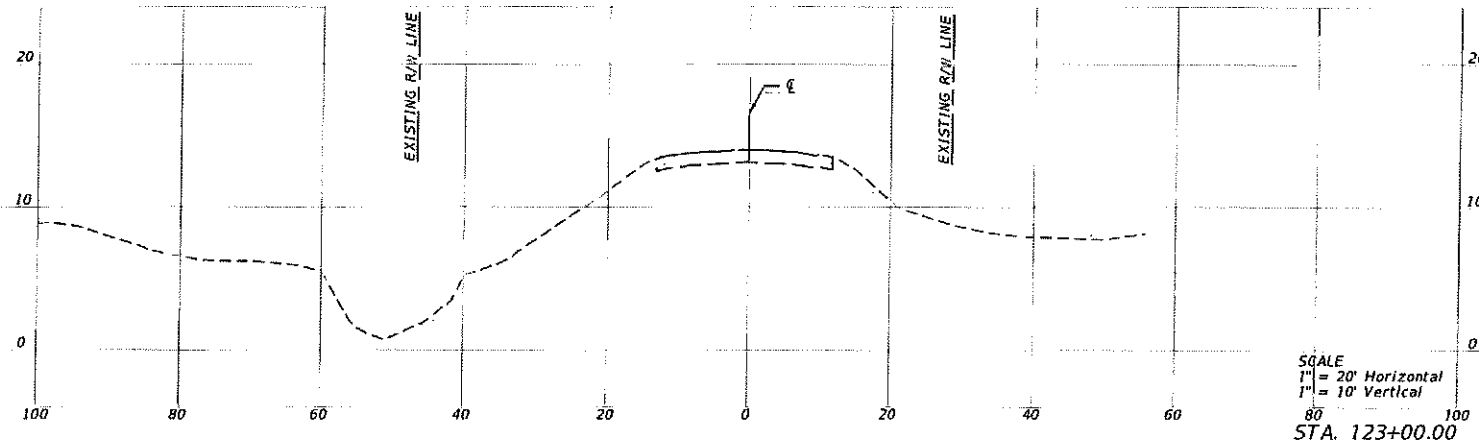
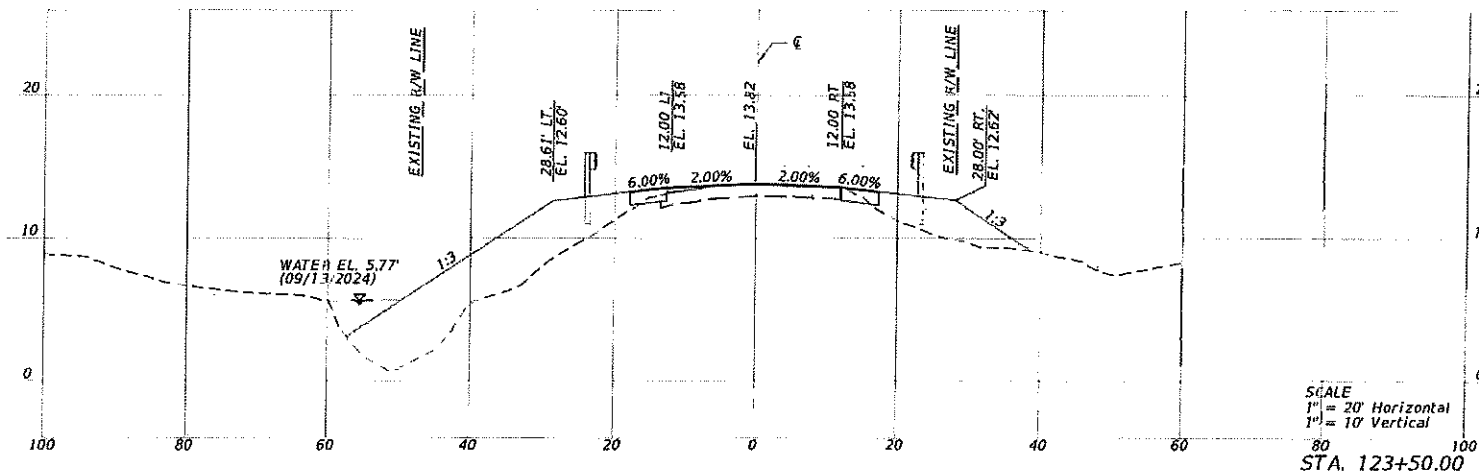


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**DRIVEWAY PROFILE &
DETAIL SHEET**

SHEET: 11
OF: 21
PROJECT NO.
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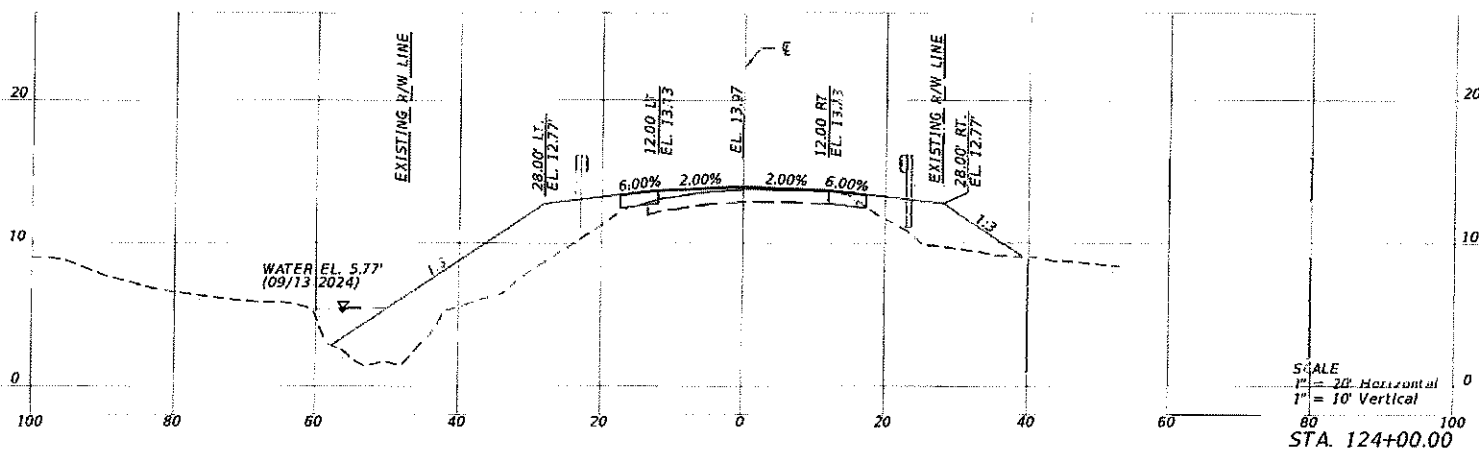
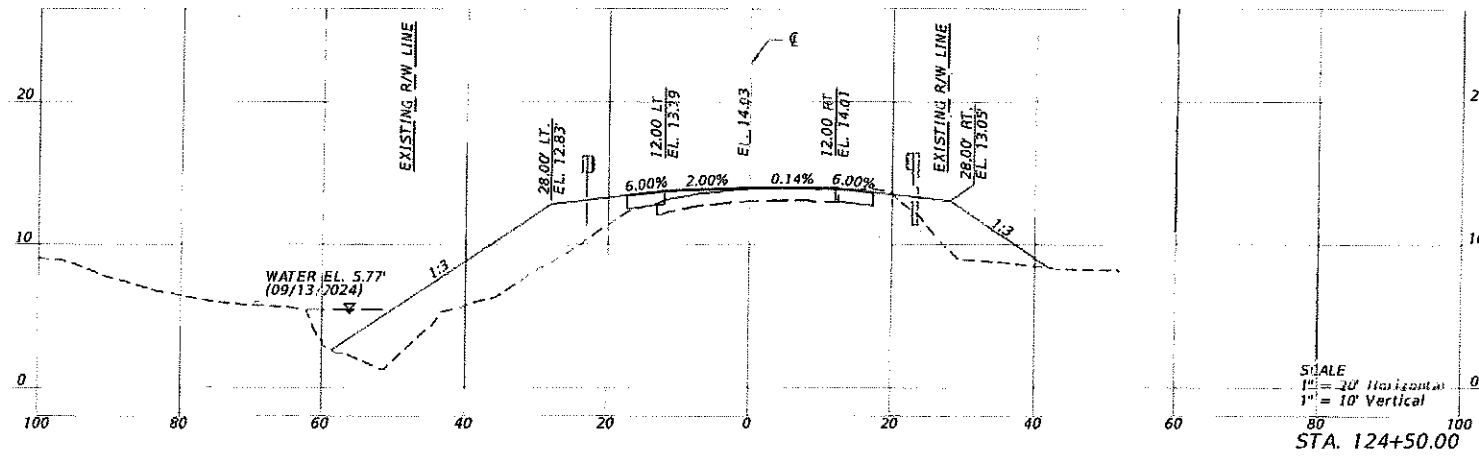


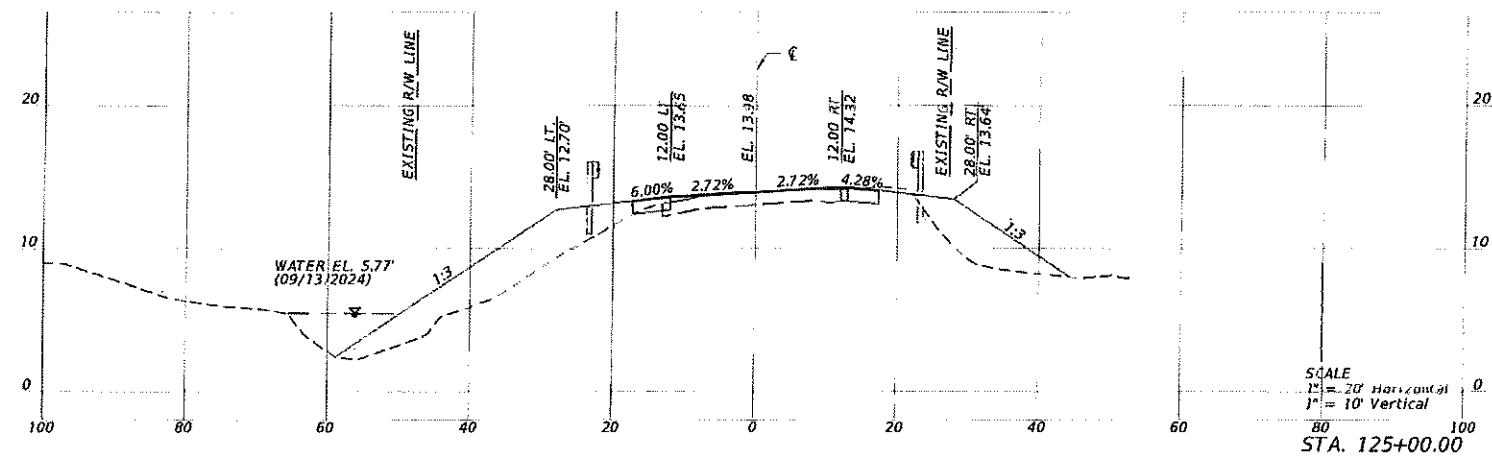
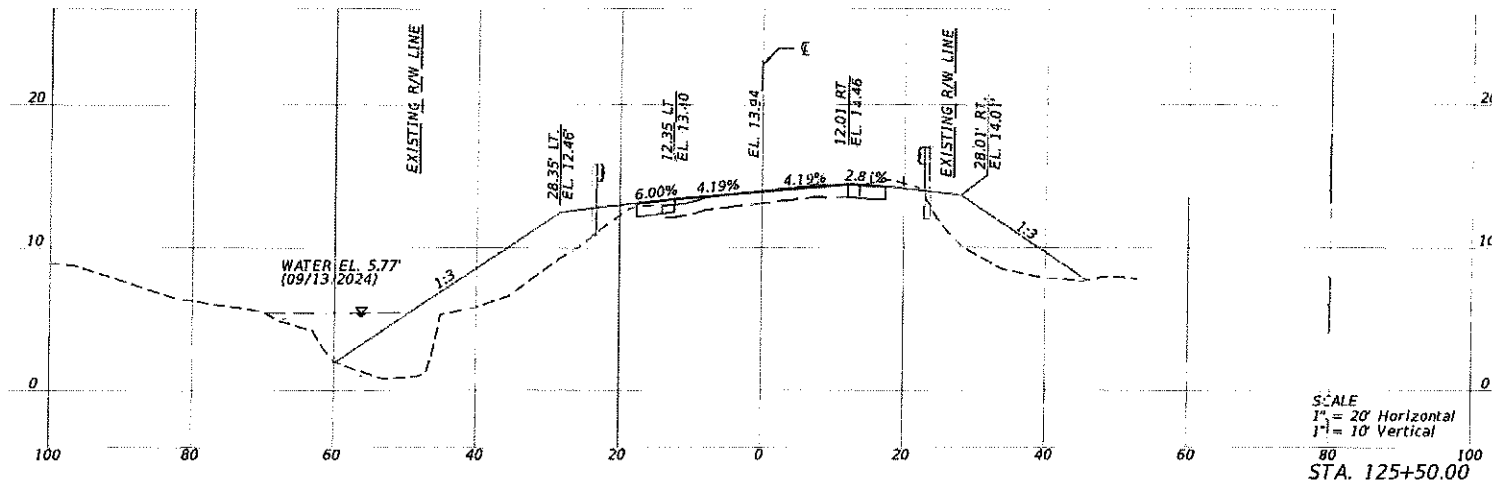
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 1"=10'V
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CROSS SECTIONS

SHEET: 12
 OF: 21
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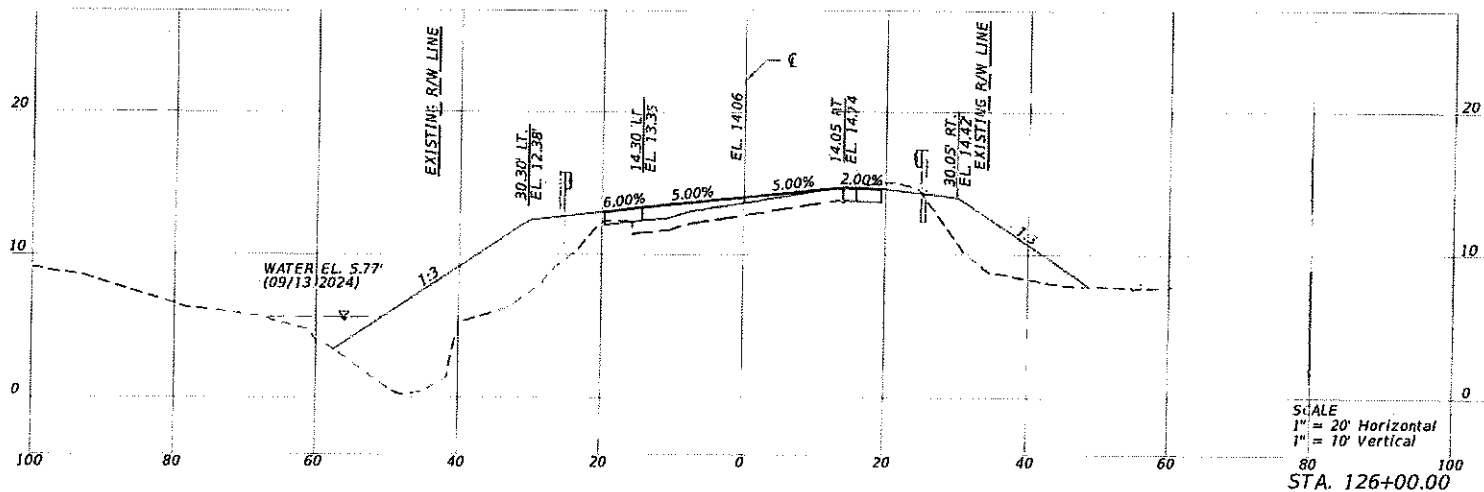
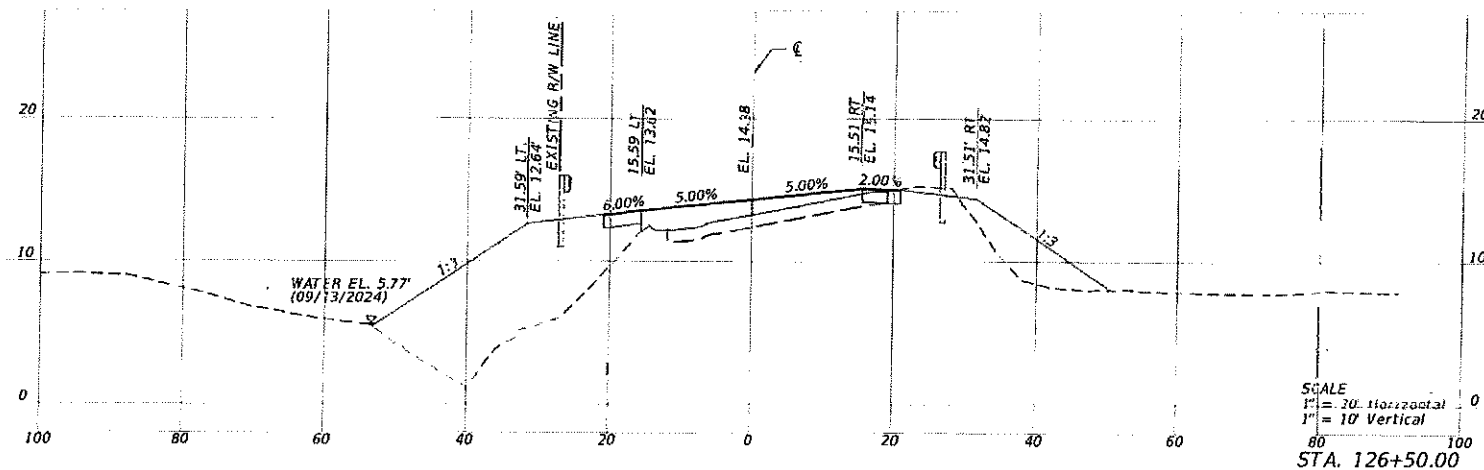


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CROSS SECTIONS

SHEET: 14
OF: 21
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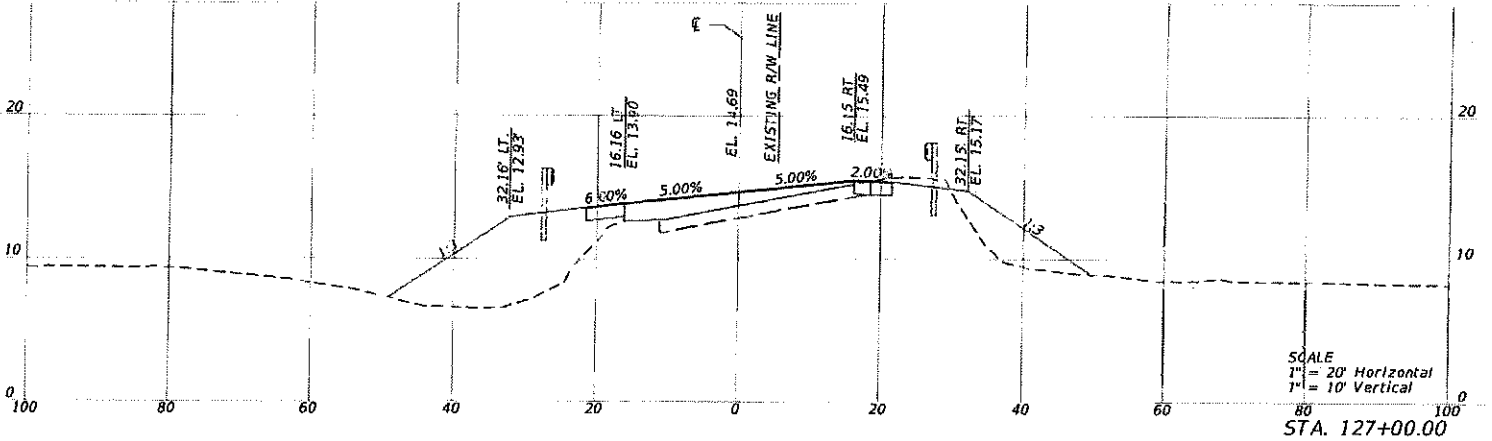
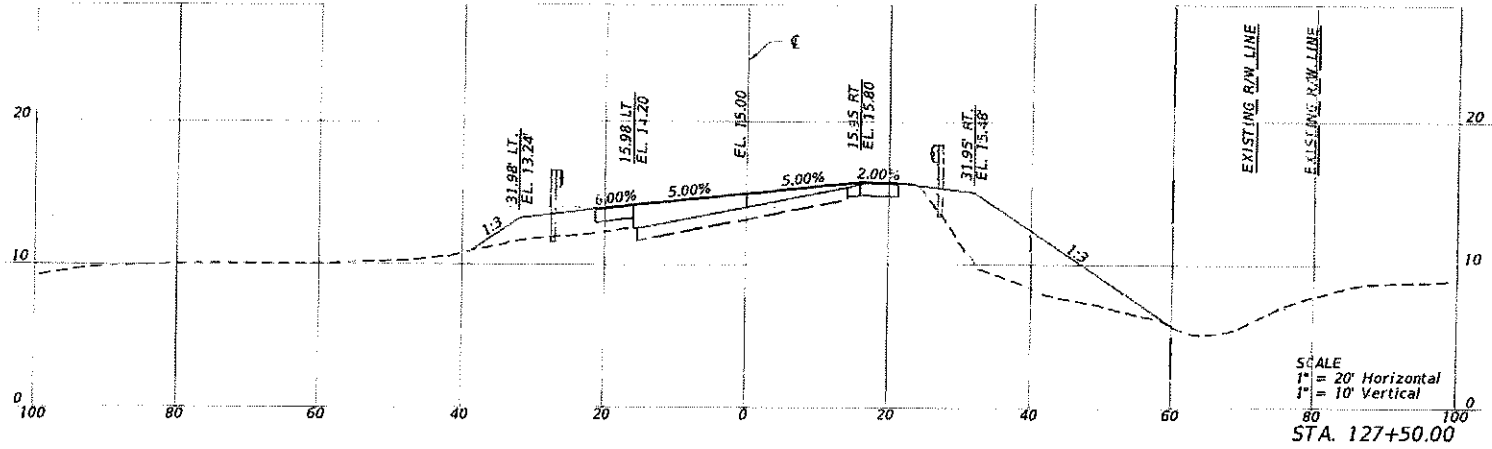
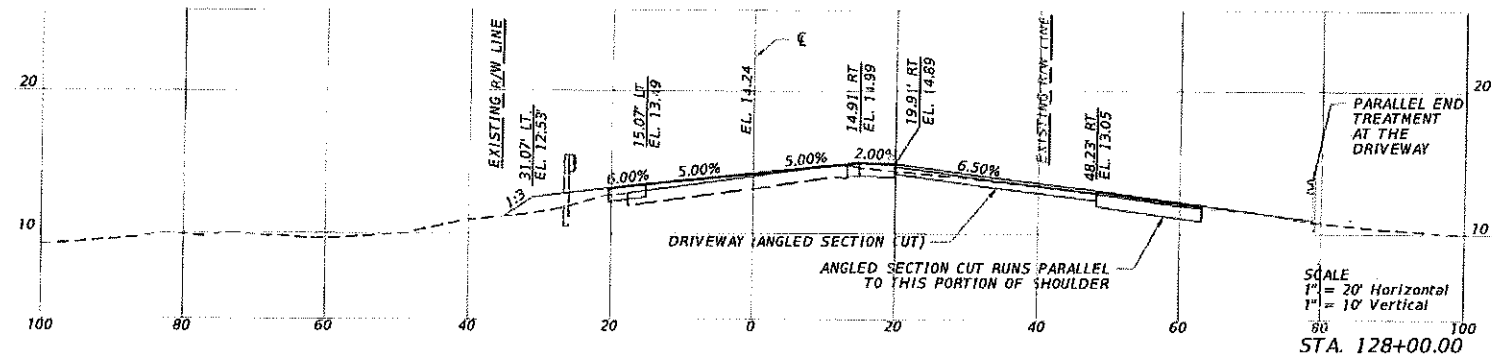


PALM BEACH COUNTY
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CROSS SECTIONS

SHEET: 15
OF: 21
PROJECT NO.
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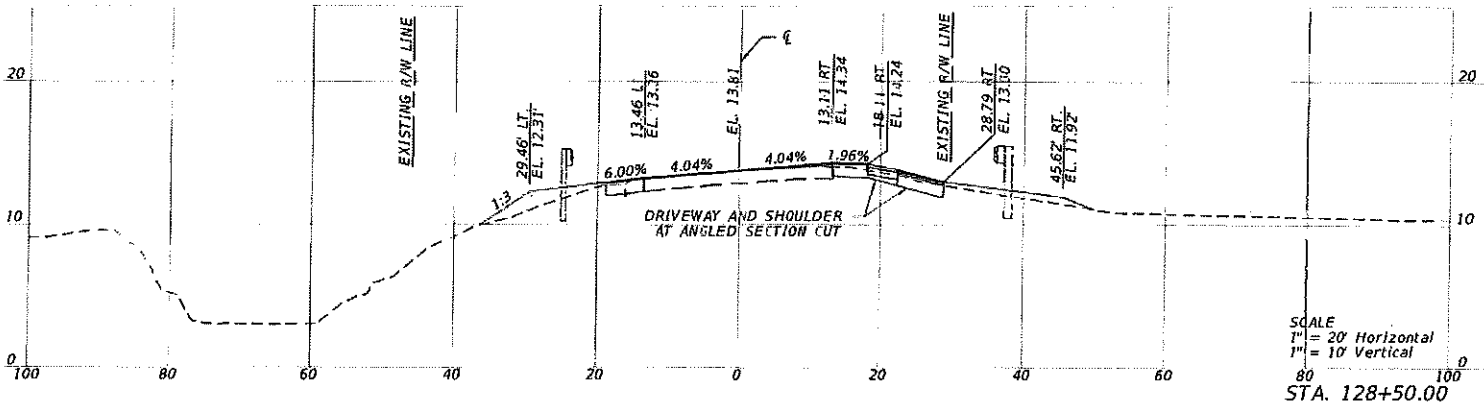
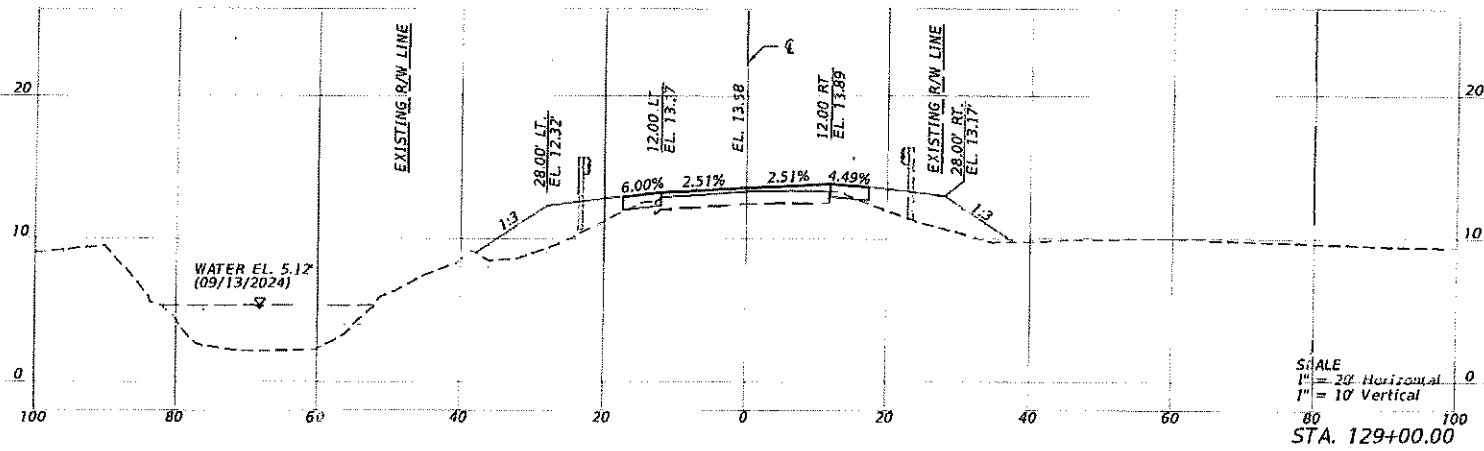
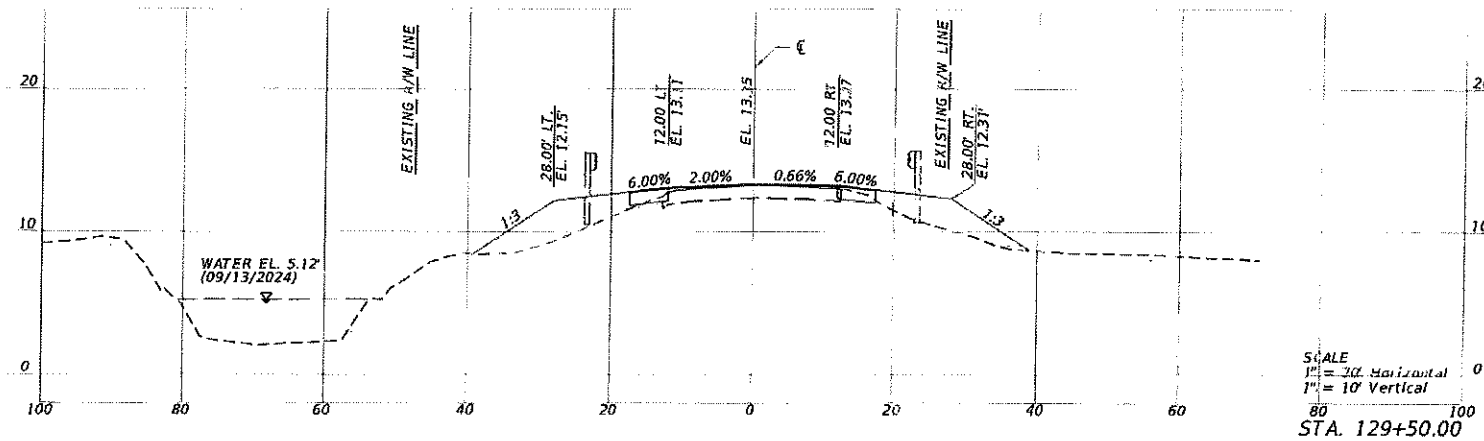


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ROADWAY PRODUCTION
P.O. BOX 21229, WEST PALM BEACH, FLORIDA

SCALE: 1"=20'
APPROVED: NS
DRAWN: AS
CHECKED: AZ
DATE: 01/2025

CROSS SECTIONS

SHEET: 16
OF: 21
PROJECT NO.
2024515



HSQ GROUP, LLC
 Engineers · Planners · Surveyors
 1001 Yamato Road, Suite 105
 Boca Raton, Florida 33431 · 561.392.0221
 C28258 · L87924

Seal:
 MOOR SHEHADEH
 P.E. # 48107

No.	Revisions	By	Date

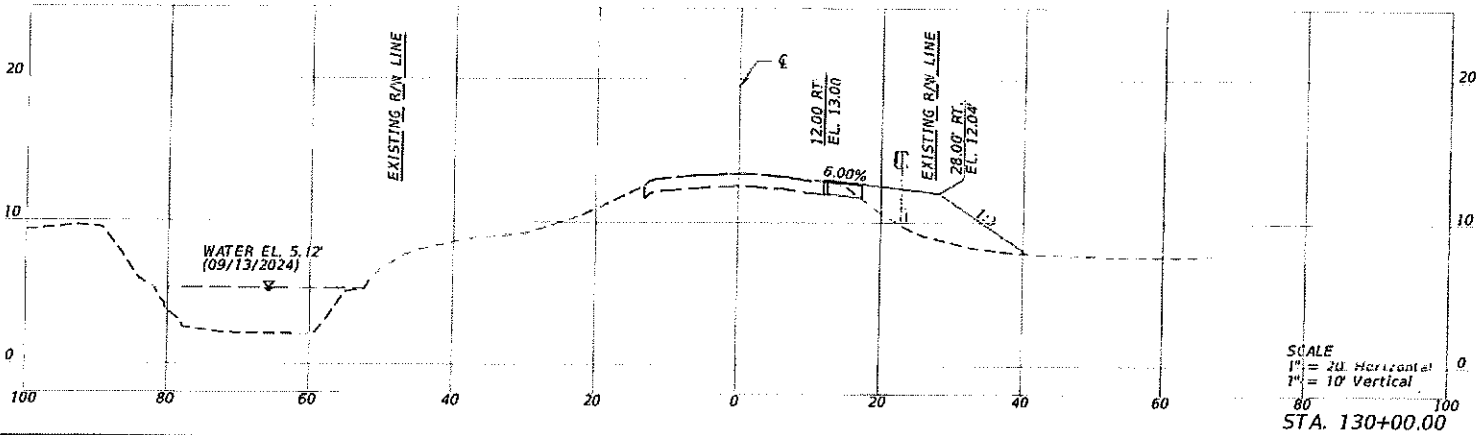
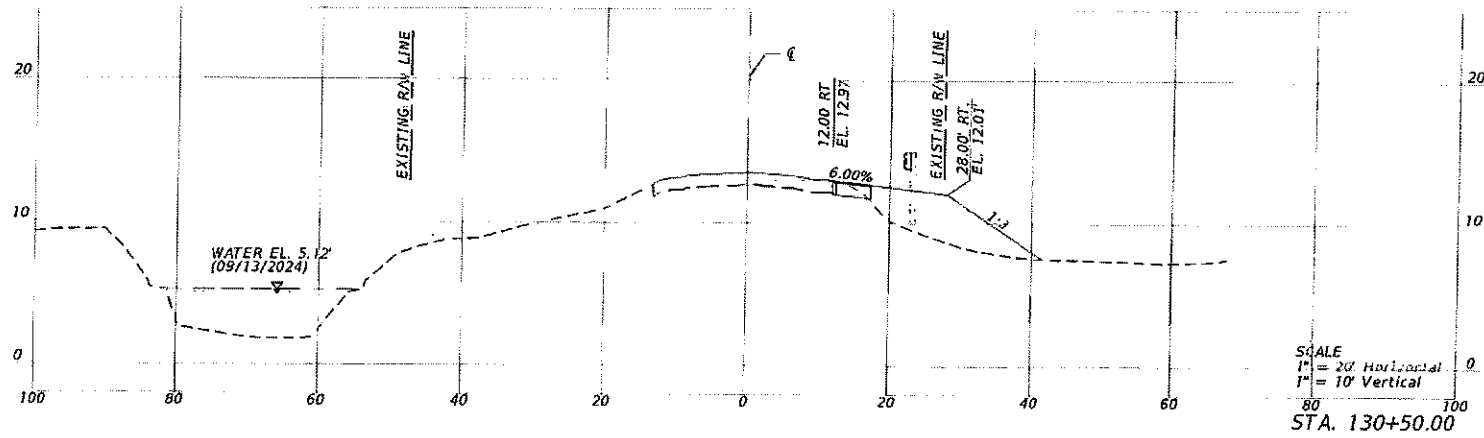
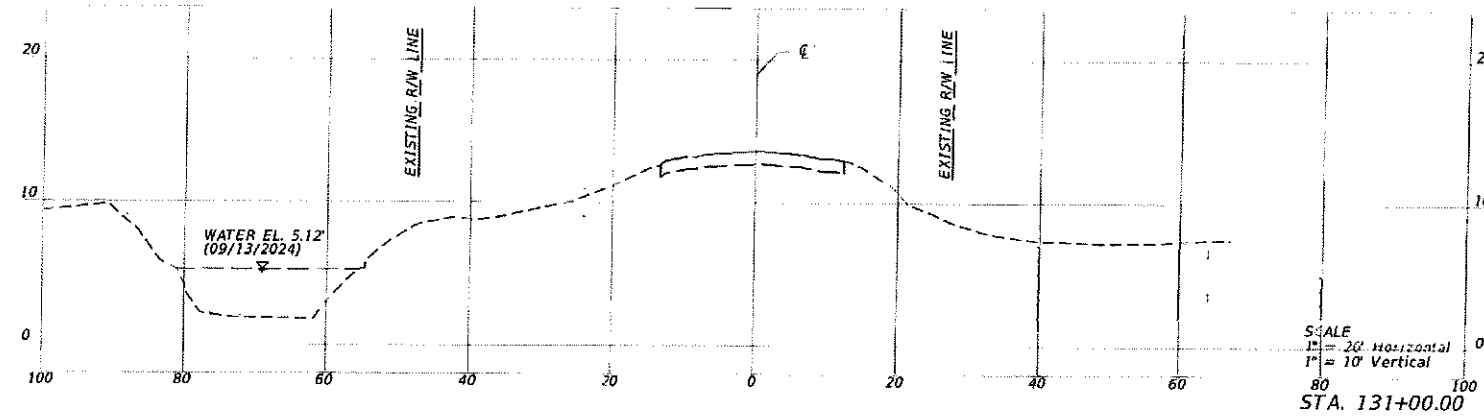


PALM BEACH COUNTY
 ENGINEERING AND PUBLIC WORKS
ROADWAY PRODUCTION
 P.O. BOX 21229, WEST PALM BEACH, FLORIDA

SCALE: 1" = 20'
 APPROVED: NS
 DRAWN: AS
 CHECKED: AZ
 DATE: 01/2025

CROSS SECTIONS

SHEET: 17
 OF: 21
 PROJECT NO.
 2024515



HSQ GROUP, LLC
Engineers - Planners - Surveyors
1001 Yamato Road, Suite 105
Boca Raton, Florida 33431 - 581.392.0221
C20268 - LB7924

Seal:
NOUR SHEHADEN
PE - 48307

No.	Revisions	By	Date



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

SCALE: 1"=20'
APPROVED: NS
DRAWN: RS
CHECKED: AZ
DATE: 01/2025

CROSS SECTIONS

SHEET: 18
OF: 21
PROJECT NO.
2024515

Report Created: Thursday, January 9, 2025				
Cross Section Set Name:		Halton Highway (Phase 2)		
Alignment Name:		Centerline of Construction		
Input Grid Factor:		Note:	All units in this report are in feet, square feet and cubic yards unless specified otherwise.	
		Station Quantities		
Centerline Station	CUT		FILL	
	Area	Volume	Area	Volume
123+00.000 R1	0	0	0	0
123+50.000 R1	3.126	2.894	202.497	187.497
124+00.000 R1	3.521	6.154	199.166	371.91
124+50.000 R1	5.311	8.178	189.186	359.585
125+00.000 R1	6.768	11.184	167.191	329.978
125+50.000 R1	8.199	13.858	184.747	325.868
126+00.000 R1	7.15	14.212	250.185	402.715
126+50.000 R1	4.428	10.72	299.832	509.274
127+00.000 R1	6.968	10.551	210.028	472.092
127+50.000 R1	5.301	11.36	176.354	357.761
128+00.000 R1	27.763	30.615	44.116	204.139
128+50.000 R1	11.246	36.119	44.414	81.973
129+00.000 R1	2.077	12.336	102.027	135.594
129+50.000 R1	3.24	4.922	95.125	182.548
130+00.000 R1	2.563	5.372	47.159	131.745
130+50.000 R1	2.759	4.927	52.677	92.441
131+00.000 R1	0	2.555	0	48.775
Grand Total:		185.957		4193.895

N.P.D.E.S. STORMWATER POLLUTION PREVENTION PLAN

THE CONTRACTOR SHALL PREPARE AND PROVIDE PALM BEACH COUNTY WITH A SPECIAL PLAN FOR THE PREVENTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION.

THIS PLAN SHALL BE PREPARED IN ACCORDANCE WITH THE GENERAL REQUIREMENTS AND/OR ANY SPECIAL CONDITIONS OF ALL PERMITS WHICH AUTHORIZE THE CONSTRUCTION OF THE PROJECT. IN THE EVENT THERE ARE NO PERMITS REQUIRED TO CONSTRUCT THE PROJECT, OR THE APPROVED PERMITS DO NOT SPECIFICALLY ADDRESS EROSION AND WATER POLLUTION OR THEY DO NOT CONTROL SPECIAL CONDITIONS RELATED TO EROSION AND WATER POLLUTION, THE PROJECT STORMWATER POLLUTION PLAN FOR CONSTRUCTION ACTIVITIES SHALL BE GOVERNED BY FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2024) SUBARTICLES 7-1.1, 7-2.2, 7-8.2, AND ARTICLES 104.1 THROUGH 104.9.

THE CONTRACTOR'S PART OF THE SWPPP WILL INCLUDE HIS EROSION CONTROL AND STORMWATER MANAGEMENT PLAN DURING CONSTRUCTION AND ALL ADDITIONAL MEASURES HE WILL EMPLOY TO DISPOSE OF, CONTROL, OR OTHERWISE PREVENT THE DISCHARGE OF SOLID, HAZARDOUS, AND SANITARY WASTES TO WATERS OF THE U.S. PROCEDURES TO CONTROL ON-SITE TRACKING AND SPILLING OF SOIL BY VEHICLES AND CONSTRUCTION EQUIPMENT SHALL ALSO BE INCLUDED. THE CONTRACTOR SHALL INCLUDE A PROCEDURE FOR CLEANUP AND REPORTING OF NON-STORM WATER DISCHARGES SUCH AS CONTAMINATED GROUNDWATER AND ACCIDENTAL SPILLS OF CONTAMINANTS. THE CONTRACTOR'S PART OF SWPPP INCLUDING REQUIRED SIGNED CERTIFICATION STATEMENTS, SHALL BE FURNISHED TO AND APPROVED BY PALM BEACH COUNTY PRIOR TO INITIATION OF ANY SOIL DISTURBING ACTIVITIES.

THE SWPPP FOR CONSTRUCTION ACTIVITIES SHALL BE PREPARED IN ACCORDANCE WITH THE FORMAT AND GUIDELINES SET FORTH IN THE EPA DOCUMENT NUMBER 833-R-06-00, DATED MAY 2007, TITLED "STORMWATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES" AND THE CONTRACTOR'S PROPOSED SEQUENCE OF OPERATIONS. THE SWPPP FOR CONSTRUCTION ACTIVITIES SHALL DESCRIBE, BUT NOT BE LIMITED TO, THE FOLLOWING ITEMS OR ACTIVITIES:

- 1. FOR EACH PHASE OF CONSTRUCTION OPERATIONS OR ACTIVITIES, THE CONTRACTOR SHALL SUPPLY THE FOLLOWING INFORMATION:
 - A. LOCATIONS OF ALL EROSION CONTROL DEVICES.
 - B. TYPES OF ALL EROSION CONTROL DEVICES.
 - C. ESTIMATE LENGTH OF TIME EROSION CONTROL DEVICES WILL BE IN OPERATION.
 - D. MONITORING SCHEDULES FOR MAINTENANCE OF EROSION CONTROL DEVICES.
 - E. METHOD OF MAINTENANCE FOR EROSION CONTROL DEVICES.
 - F. METHODS OF CONTAINMENT OR REMOVAL OF POLLUTANTS OR HAZARDOUS WASTES.
 - 2. THE CONTRACTOR SHALL FURNISH THE ENGINEER THE NAME AND TELEPHONE NUMBER OF THE PERSON WHO WILL BE RESPONSIBLE FOR MONITORING AND MAINTAINING THE EROSION CONTROL DEVICES.
 - 3. THE CONTRACTOR SHALL SUBMIT A COPY OF HIS SWPPP FOR CONSTRUCTION ACTIVITIES TO THE ENGINEER FOR HIS REVIEW AND APPROVAL ON OR BEFORE THE PROJECT PRECONSTRUCTION MEETING.
- NO CONSTRUCTION ACTIVITIES SHALL COMMENCE UNTIL THE SWPPP FOR CONSTRUCTION ACTIVITIES HAS BEEN REVIEWED AND APPROVAL RECEIVED FROM THE ENGINEER.
- THE CONTRACTOR SHALL SUBMIT TWO (2) COPIES OF THE APPROVED SWPPP FOR CONSTRUCTION ACTIVITIES TO THE ENGINEER AND ONE (1) COPY OF THE APPROVED SWPPP FOR CONSTRUCTION ACTIVITIES TO PALM BEACH COUNTY PRIOR TO THE BEGINNING OF CONSTRUCTION.
- 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING, MONITORING AND MODIFYING THE SWPPP FOR CONSTRUCTION ACTIVITIES TO MEET CHANGING PROJECT SITE CONDITIONS.
 - 5. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED SWPPP FOR CONSTRUCTION ACTIVITIES AT A CENTRAL LOCATION ON THE PROJECT SITE AT ALL TIMES AND BE RESPONSIBLE FOR COMPLIANCE WITH THE APPROVED SWPPP FOR CONSTRUCTION ACTIVITIES.
 - 6. FULL PAYMENT FOR ALL WORK AND MATERIALS NECESSARY FOR PREPARATION, SUBMITTAL AND SUBSEQUENT MODIFICATION OF THE CONTRACTOR'S SWPPP FOR CONSTRUCTION ACTIVITIES AND FOR IMPLEMENTING IT DURING CONSTRUCTION SHALL BE INCLUDED IN THE N.P.D.E.S. COMPLIANCE.



HSQ GROUP, LLC
Engineers • Planners • Surveyors
1001 Yamato Road, Suite 100
Boca Raton, Florida 33431 • 561.992.0221
C28250 • 1187824

Seal:

NOUR SHEHADEN
P.E. # 48307

No.	Revisions	By	Date



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

SCALE: N/A
APPROVED: NS
DRAWN: RS
CHECKED: AZ
DATE: 01/2025

**STORM WATER POLLUTION
PREVENTION PLAN**

SHEET: 20
OF: 21
PROJECT NO.
2024515

OEBO SCHEDULE 1*

SOLICITATION/PROJECT/BID NAME: Hatton Highway Emergency Curve Repairs

SOLICITATION/PROJECT/BID NO.: 2023055-53

SOLICITATION OPENING/SUBMITTAL DATE: 01/09/2026

COUNTY DEPARTMENT: Palm Beach County Road and Bridge

Section A PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY THE PRIME CONTRACTOR/CONSULTANT* ON THE PROJECT:

NAME OF PRIME RESPONDENT/BIDDER: Johnson-Davis Incorporated

ADDRESS: 604 Hillbrath Drive, Lantana, FL 33462

CONTACT PERSON: William Cryer

PHONE NO.: 561-588-1170

E-MAIL: ccryer@johnsondavis.com

PRIME'S DOLLAR AMOUNT OR PERCENTAGE OF WORK: \$2,413,349.62

SBE Prime's must include their percentage or dollar amount in the Total Participation line under section B.

Non-SBE ☒

SBE ☐

Section B PLEASE LIST THE DOLLAR AMOUNT OR PERCENTAGE OF WORK TO BE COMPLETED BY ALL SUBCONTRACTORS/SUBCONSULTANTS ON THE PROJECT BELOW:

Subcontractor/Sub consultant Name	(Check all Applicable Categories)		DOLLAR AMOUNT OR PERCENTAGE OF WORK
	Non-SBE	SBE	
1. Johnson-Davis Incorporated	<input checked="" type="checkbox"/>	<input type="checkbox"/>	\$2,413,349.62
2. R&D Paving, LLC.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	\$674,298.38
3.	<input type="checkbox"/>	<input type="checkbox"/>	
4.	<input type="checkbox"/>	<input type="checkbox"/>	
5.	<input type="checkbox"/>	<input type="checkbox"/>	

(Please use additional sheets if necessary)

Total \$3,087,648.00

Total Bid/Offer Price \$3,087,648.00

Total Certified SBE Participation \$674,298.38

I hereby certify that the above information is accurate to the best of my knowledge: William Cryer

Vice President

Name & Authorized Signature

Title

- Note:
1.

The amount listed on this form for a Subcontractor/sub consultant must be supported by price or percentage listed on the properly executed Schedule 2 or attached signed proposal.
2.

Only those firms certified by Palm Beach County at the time of solicitation due date are eligible to meet the established OEBO Affirmative Procurement Initiative (API). Please check the applicable box and list the dollar amount or percentage under the appropriate demographic category.
3.

Modification of this form is not permitted and will be rejected upon submittal.
4.

If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation.

A completed Schedule 2 is a binding document between the Prime Contractor/consultant and a Subcontractor/subconsultant (for any tier) and should be treated as such. All Subcontractors/subconsultants, including any tiered Subcontractors/ subconsultants, must properly execute this document. If a Mandatory API goal applies, failure to submit a properly executed Schedule 2 will result in a determination of non-responsiveness to the solicitation. Each properly executed Schedule 2 must be submitted with the bid/proposal.

SOLICITATION/PROJECT NUMBER: 2023055-53

SOLICITATION/PROJECT NAME: Hatton Highway Emergency Curve Repairs

Prime Contractor: Johnson-Davis Incorporated Subcontractor: R&D Paving, LLC.

(Check box(s) that apply)

☒ SBE ☐ Non-SBE ☐ Supplier Date of Palm Beach County Certification (if applicable): 4/10/2025 - 4/09/2028

SBE PARTICIPATION – SBE Primes must document all work to be performed by their own work force on this form. Specify in detail, the scope of work to be performed or items supplied with the dollar amount and/or percentage for each work item. When applicable, identify the line item(s) associated with the service/product being supplied. SBE credit will only be given for the areas in which the SBE is certified. A detailed quote/proposal may be attached to a properly executed Schedule 2 for additional information.

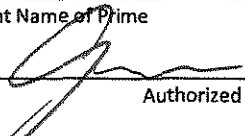
Line Item	Item Description	Unit Price	Quantity/ Units	Contingencies/ Allowances	Total Price/Percentage
1	Mobilization	\$19,000.00	1.0 LSU	\$0.00	\$19,000.00
2	Type B Stabilization	\$58.36	1,919.0 SY	\$0.00	\$111,987.65
3	13.5in Baserock Fine Grade, Prime, Compact	\$71.21	1,919.0 SY	\$0.00	\$136,643.70
4	1.0in Milling Existing Pavement For Resurface	\$14.76	1,413.0 SY	\$0.00	\$20,855.25
5	1.0in Milling Existing Pavement	\$6.61	4,528.0 SY	\$0.00	\$29,921.00
6	F&I 1.5in Asphalt Wearing Surface SP 12.5	\$219.10	462.1 TON	\$0.00	\$101,246.28
7	F&I Asphalt Type SP Overbuild	\$242.12	538.0 TON	\$0.00	\$130,261.25
8	F&I Asphalt Wearing Surface FC 9.5	\$262.79	331.0 TON	\$0.00	\$86,984.20
9	F&I Misc. Asphalt	\$532.75	70.2 TON	\$0.00	\$37,399.05

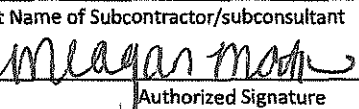
The undersigned Subcontractor/subconsultant is prepared to self-perform the above-described work in conjunction with the aforementioned project at the following total price or percentage: \$674,298.38

If the undersigned intends to subcontract any portion of this work to another Subcontractor/subconsultant, please list the business name and the amount below accompanied by a separate properly executed Schedule 2.

Name of 2nd/3rd tier Subcontractor/subconsultant

Price or Percentage: _____

Johnson-Davis Incorporated
Print Name of Prime
By: 
Authorized Signature
William Cryer
Print Name
Vice President
Title
Date: 01/23/2026

R&D Paving, LLC.
Print Name of Subcontractor/subconsultant
By: 
Authorized Signature
McEgan Martin
Print Name
President
Title
Date: 1/23/26

*Revised 6.5.2025 pursuant to Emergency Ordinance 2025-014, approved on June 3, 2025

The Contract and this schedule are subject to the County Emergency Ordinance 2025-014, approved by the Board of County Commissioners on June 3, 2025.

PUBLIC CONSTRUCTION BOND

Exhibit D
Page 1 of 4

BOND NUMBER: 016241393
BOND AMOUNT: \$12,000,000.00
CONTRACT AMOUNT: \$12,000,000.00

CONTRACTOR'S NAME: Johnson-Davis Incorporated
CONTRACTOR'S ADDRESS: 604 Hillbrath Drive
Lantana, FL 33462
CONTRACTOR'S PHONE: (561) 588-1170

SURETY COMPANY: Liberty Mutual Insurance Company
SURETY ADDRESS: 175 Berkeley Street
Boston, MA 02116
SURETY PHONE: (617) 357-9500

OWNER'S NAME: Palm Beach County
OWNER'S ADDRESS: 2300 North Jog Road, Suite 3W-33
West Palm Beach, FL 33411-2745
OWNER'S PHONE: 561-684-4150

PROJECT NO.: 2023055
DESCRIPTION OF WORK: Drainage improvements, repairs and minor construction

PROJECT LOCATION: Countywide
LEGAL DESCRIPTION: No legal description is available. The best description available is as indicated on the Project Location above.

PCB-1

PUBLIC CONSTRUCTION BOND

Exhibit D
Page 2 of 4

This Bond is issued in favor of the County conditioned on the full and faithful performance of the Contract.

KNOW ALL MEN BY THESE PRESENTS: that Contractor (Principal) and Surety, are held and firmly bound unto:

Palm Beach County Board of County Commissioners
301 N. Olive Avenue
West Palm Beach, Florida 33401

As Obligee, herein called County, for the use and benefit of claimant as herein below defined, in the amount of:

\$ 12,000,000.00

for the payment whereof Principal and Surety bind themselves, their heirs, personal representatives, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Principal has by written agreement dated March 5, 2024, entered into a Contract with the County for:

Project Name:	Drainage Improvements / Repairs and Minor Construction
	Continuing Services Contract
Project No.:	2023055
Project Description:	See Page PCB-1
Project Location:	See Page PCB-1

in accordance with Design Criteria Drawings and Specifications prepared by:

Name of Engineering/Architectural Firm:	TBD
Location of Firm:	TBD
Phone:	TBD
Fax :	TBD

which Contract is by reference made a part hereof in its entirety, and is hereinafter referred to as the Contract.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the Contract dated March 5, 2024 between Principal and County for the construction of the project as described above, the Contract being made part of this bond by reference, at the times and in the manner prescribed in the Contract; and
2. Promptly makes payments to all claimants, as defined in Section 255.05, Florida Statutes, supplying Principal with labor, Materials, or supplies, used directly or indirectly by Principal in the prosecution of the Work provided for in the Contract; and
3. Pays County all losses, damages (including liquidated damages), expenses, costs, and attorney's fees, including appellate proceedings, that County sustains because of a default by Principal under the Contract; and


PCB-2

PUBLIC CONSTRUCTION BOND

Exhibit D
Page 3 of 4

4. Performs the guarantee of all Work and Materials furnished under the Contract for the time specified in the Contract, then this bond is void; otherwise it remains in full force.
5. Any changes in or under the contract documents and compliance or noncompliance with any formalities connected with the contract or the changes does not affect Surety's obligation under this bond and Surety waives notice of such changes.
6. The amount of this bond shall be reduced by and to the extent of any payment or payments made in good faith hereunder, inclusive of the payment by Surety of construction liens which may be filed of record against said improvement, whether or not claim for the amount of such lien be presented under and against the bond.
7. Principal and Surety expressly acknowledge that any and all provisions relating to consequential, delay and liquidated damages contained in the contract are expressly covered by and made a part of this Performance, Labor and Material Payment Bond. Principal and Surety acknowledge that any such provisions lie within their obligations and within the policy coverages and limitations of this instrument.
8. Section 255.05, Florida Statutes, as amended, together with all notice and time provisions contained therein, is incorporated herein, by reference, in its entirety. Any action instituted by a claimant under this bond for payment must be in accordance with the notice and time limitation provisions in Section 255.05(2), Florida Statutes. This instrument regardless of its form, shall be construed and deemed a statutory bond issued in accordance with Section 255.05, Florida Statutes.
9. Any action brought under this instrument shall be brought in the state court of competent jurisdiction in Palm Beach County and not elsewhere.

ATTEST:


(Signature)

CHRISTOPHER JOHNSON
(Print Name)

SECRETARY TREASURER
(Title)

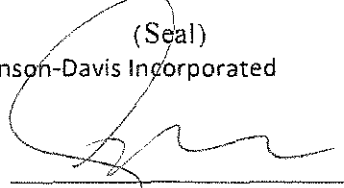
ATTEST:


(Signature)

Nicole Stillings
(Print Name)

Witness to Surety
(Title)

(Seal)
Johnson-Davis Incorporated

By: 
(Principal)

WILLIAM ORGER
(Print Name)

VICE PRESIDENT
(Title)

(Seal)
Liberty Mutual Insurance Company

By: 
(Surety)

Joshua R. Loftis
(Print Name)

Attorney-in-Fact
(Title)

PCB-3

PUBLIC CONSTRUCTION BOND

PROJECT NO.: 2023055

DESCRIPTION OF WORK: Drainage improvements, repairs and minor construction

PROJECT LOCATION: Countywide

SURETY COMPANY: Liberty Mutual Insurance Company

SURETY ADDRESS: 175 Berkeley Street
Boston, MA 02116

SURETY PHONE: (617) 357-9500

BOND NUMBER: 016241393

BOND AMOUNT: \$12,000,000.00

CONTRACT AMOUNT: \$12,000,000.00

As the Surety Company for Johnson-Davis Incorporated we have executed the captioned bond. Because the contract date is unknown, we have left the bond(s) undated. As a duly authorized Attorney-in-Fact for the Surety, Liberty Mutual Insurance Company permission is hereby granted to Palm Beach County to fill in the contract date on the bond(s) and power of attorney when that date is known. Also, the "signed and sealed" date on the bond(s) should be completed.



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8210598 - 190054

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Brian J. Oestreich, Colby D White, Emily White, Joshua R. Loftis, Lin Uiver, Melinda C. Blodgett, Michelle Morrison, Nathan Weaver, Nicole Stillings, R. C. Bowman, R. W. Frank, Rachel Thomas, Ross S. Squires, Sandra M. Engstrom, Sarah Dragt, Ted Jorgensen, Tina Domask

all of the city of Minneapolis state of MN each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 31st day of August, 2023.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: David M. Carey
David M. Carey, Assistant Secretary

State of PENNSYLVANIA ss
County of MONTGOMERY

On this 31st day of August, 2023 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at Plymouth Meeting, Pennsylvania, on the day and year first above written.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1128044
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this _____ day of _____, _____.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.



Exhibit E

November 25, 2025

**Engineering and
Public Works Department**
P.O. Box 21229
West Palm Beach, FL 33416-1229
(561) 684-4000
FAX: (561) 684-4050
www.pbc.gov

Johnson-Davis, Inc.
604 Hillbrath Drive
Lantana, Florida 33462

**SUBJECT: Hatton Highway Emergency Curve Repairs
Palm Beach County, Florida**

Project Manager:

The enclosed executed copy of the Drainage Improvements/Repairs and Minor Construction Continuing Services Contract (R2024-0211), dated March 5, 2024, and amended August 19, 2025 (R2025-1056), approved by The Board of County Commissioners for construction of the above-named Project, together with this letter, will serve as your official "Notice to Proceed" as of December 1, 2025. Albert W. Hoffman, Director of the Construction Coordination Division, will be in charge of the work for the County.

Your continued cooperation in these matters is appreciated.

OFFICE OF THE COUNTY ENGINEER

A handwritten signature in cursive script, appearing to read "David L. Ricks".

David L. Ricks, P.E.
County Engineer

AWH/dd

**Palm Beach County
Board of County
Commissioners**

Sara Baxter, Mayor

Marci Woodward, Vice Mayor

Maria G. Marino

Gregg K. Weiss

Joel G. Flores

Maria Sachs

Bobby Powell Jr.

County Administrator

Joseph Abruzzo

"An Equal Opportunity Employer"

Official Electronic Letterhead



Palm Beach County
Compliance Summary Report

Vendor Number	Vendor Name	AM Best Rating	Insurance Carrier	Policy #	Eff. Date	Exp. Date	Coverage	Contract Number	Contract Name
DX00002650	Johnson-Davis Inc.		Compliant					2023055	Drainage Improvements/Repairs & Minor Construction Continuing Services Contract
		A+ , XV	Continental Casualty Company	7033968744	7/1/2025	7/1/2028	Auto Liability		
		A+ , XV	Continental Casualty Company	7033984636	7/1/2025	7/1/2026	Excess Liability		
		A+g , XV	National Fire Insurance Company of Hartford	7033967643	7/1/2025	7/1/2026	General Liability		
		A+g , XV	Valley Forge Insurance Company	7033972535	7/1/2025	7/1/2026	Workers Comp		

Risk Profile : Standard - Construction Services
Required Additional Insured : Palm Beach County Board of County Commissioners
Ownership Entity :

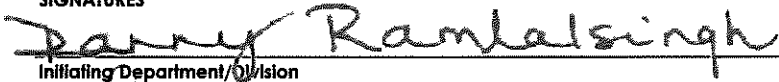
BOARD OF COUNTY COMMISSIONERS
PALM BEACH COUNTY, FLORIDA
EXPENDITURE BUDGET TRANSFER

BGEX 010926*792

FUND 3500 Transportation Improvmt Fund


ACCOUNT NUMBER	ACCOUNT NAME	UNIT NAME	ORIGINAL BUDGET	CURRENT BUDGET	INCREASE	DECREASE	ADJUSTED BUDGET	EXPENDED/ ENCUMBERED as of 1/9/2026	REMAINING BALANCE
EXPENDITURES									
3500-361-2024-6551	Road & Street Improvements*	Hatton Highway 2.5 M North of SR 80-2 M South of Conners	0	1,000,000	900,000	0	1,900,000	0	1,900,000
3500-361-9997-9908	Res-New Projects	Reserves - Road Program Sweeps	104,050,547	37,145,010	0	900,000	36,245,010		36,245,010
Total Expenditures					900,000	900,000			

SIGNATURES


Initiating Department/Division

DATES

01/28/2026


Administration/Budget Department Approval

1/28/2026

OFMB Department - Posted

BY BOARD OF COUNTY COMMISSIONERS

At Meeting of: 2/3/2026

Deputy Clerk to the
Board of County Commissioners