



**Sunshine**  
Water Control District

# **REGULAR MEETING AGENDA**

**November 9, 2022**

**SUNSHINE  
WATER CONTROL DISTRICT**

**AGENDA  
LETTER**



November 2, 2022

Board of Supervisors  
Sunshine Water Control District

**ATTENDEES:**  
Please identify yourself each time you speak to facilitate accurate transcription of meeting minutes.

Dear Board Members:

The Board of Supervisors of the Sunshine Water Control District will hold a Regular Meeting on November 9, 2022, at 6:30 p.m., at the La Quinta Inn Coral Springs, 3701 N. University Drive, Coral Springs, Florida 33065. The agenda is as follows:

1. Call to Order
2. Roll Call
3. Pledge of Allegiance
4. Public Comments **[3-Minute Time Limit]** *(Comments should be made from the microphone to ensure recording. Please state your name prior to speaking.)*
5. Consideration of 401(A) Related Matters
6. Consideration of Letters to Property Owners ROW Maintenance WOFC
  - A. Option 2 with Agreement
  - B. Option 3 with Agreement
  - C. No Agreement
7. Acceptance of Unaudited Financial Statements as of September 30, 2022
8. Approval of October 12, 2022 Regular Meeting Minutes
9. Supervisors' Communications
10. Staff Reports
  - A. District Counsel: *Lewis, Longman & Walker, P.A.*
    - Legislative Update
    - Discussion: Referendum Outcome on District Voting
  - B. District Engineer: *Craig A. Smith & Associates*


- I. Presentation: Monthly Engineer’s Report
- II. Permit Application(s)
  - a. AT&T Florida [Near 4084 Coral Springs Dr.]
  - b. FG Construction Services, LLC on Behalf of Broward County Board of County Commissioners [West Outfall Canal/Coral Springs Dr. Bridge]
- C. District Engineering Consultant: *John McKune*
- D. District Field Supervisor: *Cory Selchan*
- E. District Manager: *Wrathell, Hunt & Associates, LLC*
- I. Update: Board Member Health Plan
- II. NEXT MEETING DATE: December 7, 2022 at 6:30 P.M.

○ QUORUM CHECK

Joe Morera	<input type="checkbox"/>	IN PERSON	<input type="checkbox"/>	PHONE	<input type="checkbox"/>	NO
Ivan Ortiz	<input type="checkbox"/>	IN PERSON	<input type="checkbox"/>	PHONE	<input type="checkbox"/>	NO
Ed Khouri	<input type="checkbox"/>	IN PERSON	<input type="checkbox"/>	PHONE	<input type="checkbox"/>	NO

- 11. Public Comments
- 12. Adjournment

Should you have any questions, please contact me directly at (561) 346-5294 or Jamie Sanchez at (561) 512-9027.

Sincerely,  
  
 Cindy Carbone  
 District Manager

**FOR BOARD MEMBERS AND STAFF TO ATTEND BY TELEPHONE**  
**CALL-IN NUMBER: 1-888-354-0094**  
**PARTICIPANT PASSCODE: 131 733 0895**

**SUNSHINE  
WATER CONTROL DISTRICT**

**6A**



**DATE**

Property Owner Name  
Property Owner Address  
Coral Springs, Florida 33065

Dear Property Owner:

You are receiving this letter because you own property in Coral Springs that is adjacent to the Sunshine Water Control District's ("SWCD") right-of-way ("ROW") and West Outfall Canal. SWCD, as suggested by its name, is charged with the provision of infrastructure and services for the purpose of stormwater control and flood prevention.

One of the responsibilities of property owners adjacent to SWCD's ROWs and canals is the maintenance of the ROW. The maintenance responsibilities include keeping the ROW clean and free from any accumulation of garbage, trash, and litter. In addition, no vegetation (other than grass which is being properly and routinely maintained) and no obstructions of any sort should be in the ROW.

Please note that SWCD completed a West Outfall Canal ROW clearing and canal widening project in the area(s) adjacent to your home. The property owners at the time were notified of this work and had the opportunity to work with SWCD on any questions or concerns. At the time of the project an Option 2 Obstruction Removal Agreement was entered into (the "Agreement") with SWCD that is binding with all future owners of the property, is a legal obligation of the property in perpetuity, and is recorded in the property records of Broward County, Florida. Under the Agreement, SWCD removed the vegetation and obstructions in the ROW adjacent to your property, and you agreed to keep the ROW free of vegetation and obstructions going forward (see attached agreement). SWCD has recently observed vegetation (including but not limited to hedges, trees, etc.) and/or obstructions (including, but not limited to fences, playground equipment, tiki huts, etc.) in the ROW adjacent to your property (pictures attached). If you would like to keep these items, please have these items relocated to your property no later than **DATE**. SWCD will begin maintenance in this general area shortly thereafter and any vegetation and obstructions in the ROW will be removed and you will be held liable for SWCD's costs associated with such removal.

If you have any questions, please contact the District Manager's Office at (561) 571-0010 or (877) 276-0889.

Regards,

Cindy Cerbone  
District Manager

cc: Cory Selchan, District Superintendent

**SUNSHINE  
WATER CONTROL DISTRICT**

**6B**





**DATE**

Property Owner Name  
Property Owner Address  
Coral Springs, Florida 33065

Dear Property Owner:

You are receiving this letter because you own property in Coral Springs that is adjacent to the Sunshine Water Control District's ("SWCD") right-of-way ("ROW") and West Outfall Canal. SWCD, as suggested by its name, is charged with the provision of infrastructure and services for the purpose of stormwater control and flood prevention.

One of the responsibilities of property owners adjacent to SWCD's ROWs and canals is the maintenance of the ROW. The maintenance responsibilities include keeping the ROW clean and free from any accumulation of garbage, trash, and litter. In addition, no vegetation (other than grass which is being properly and routinely maintained) and no obstructions of any sort should be in the ROW.

Please note that SWCD completed a West Outfall Canal ROW clearing and canal widening project in the area(s) adjacent to your home. The property owners at the time were notified of this work and had the opportunity to work with SWCD on any questions or concerns. On **[DATE]** an Option 3 Obstruction Removal Agreement was entered into (the "Agreement") with SWCD that is binding upon all future owners of the property, is a legal obligation of the property in perpetuity, and is recorded in the property records of Broward County, Florida (see attached agreement). Under the Agreement you were allowed to maintain certain encroachments into SWCD's ROW but you agreed to maintain the remainder of the ROW free of vegetation and obstructions. Recently SWCD has noticed vegetation (including but not limited to hedges, trees, etc.) and/or obstructions in the ROW (pictures attached). If you would like to keep these items, please have these items relocated to your property no later than **DATE**. SWCD will begin maintenance in this general area shortly and any vegetation or obstructions in the ROW will be removed and you will be held responsible for SWCD's costs associated with the removal.

If you have any questions, please contact the District Manager's Office at (561) 571-0010 or (877) 276-0889.

Regards,

Cindy Cerbone  
District Manager  
cc: Cory Selchan, District Superintendent

**SUNSHINE  
WATER CONTROL DISTRICT**

**6C**



**DATE**

Property Owner Name  
Property Owner Address  
Coral Springs, Florida 33065

Dear Property Owner:

You are receiving this letter because you own property in Coral Springs that is adjacent to the Sunshine Water Control District's ("SWCD") right-of-way ("ROW") and West Outfall Canal. SWCD, as suggested by its name, is charged with the provision of infrastructure and services for the purpose of stormwater control and flood prevention.

One of the responsibilities of property owners adjacent to SWCD's ROWs and canals is the maintenance of the ROW. The maintenance responsibilities include keeping the ROW clean and free from any accumulation of garbage, trash, and litter. In addition, no vegetation (other than grass which is being properly and routinely maintained) and no obstructions of any sort should be in the ROW.

Please note that SWCD completed a West Outfall Canal ROW clearing and canal widening project in the area(s) adjacent to your home. The property owners at the time were notified of this work and had the opportunity to work with SWCD on any questions or concerns. On **[DATE]**, an Option 2 Obstruction Removal Agreement was entered into (the "Agreement") with the SWCD, whereby the SWCD removed obstructions from the ROW adjacent to your property at SWCD's expense. Under the Agreement, it was agreed to keep the ROW free of obstructions going forward. Recently, the SWCD has noticed vegetation (including but not limited to hedges, trees, etc.) and/or obstructions (including, but not limited to fences, playground equipment, tiki huts, etc.) in the ROW adjacent to your property (pictures attached). If you would like to keep these items, please have them relocated to your property no later than **DATE**. SWCD will begin maintenance in this general area shortly thereafter and any vegetation and obstructions remaining in the ROW will be removed. Under the Agreement, you will be liable to SWCD for all costs associated with SWCD's removal of vegetation or obstructions.

If you have any questions, please contact the District Manager's Office at (561) 571-0010 or (877) 276-0889.

Regards,

Cindy Cerbone  
District Manager  
cc: Cory Selchan, District Superintendent

2300 Glades Road, Suite 410W, Boca Raton, Florida 33431 ■ 561-571-0010 Phone ■ 561-571-0013 Fax  
[www.sunshinewcd.net](http://www.sunshinewcd.net)

**SUNSHINE  
WATER CONTROL DISTRICT**

**UNAUDITED  
FINANCIAL  
REPORTS**

**SUNSHINE  
WATER CONTROL DISTRICT  
FINANCIAL STATEMENTS  
UNAUDITED  
SEPTEMBER 30, 2022**

**SUNSHINE  
WATER CONTROL DISTRICT  
BALANCE SHEET  
GOVERNMENTAL FUNDS  
SEPTEMBER 30, 2022**

	General Fund	Debt Service Fund Series 2018	Debt Service Fund Series 2021	Total Governmental Funds
<b>ASSETS</b>				
Centennial Bank	\$ 1,072,274	\$ -	\$ -	\$ 1,072,274
Centennial Bank - escrow	80,869	-	-	80,869
DS - Series 2021	-	-	474,234	474,234
Investments				
State Board of Administration				
A Investment account	5,170	-	-	5,170
A Bank maintenance reserve account	2,708	-	-	2,708
A Renewal & replacement reserve account	2,015	-	-	2,015
A Equipment replacement reserve account	213	-	-	213
Centennial Bank - MMA	259,549	-	-	259,549
FineMark Bank - MMA	249,014	-	-	249,014
FineMark Bank - ICS	12,560,500	-	-	12,560,500
Iberia Bank - MMA	5,531	-	-	5,531
Undeposited funds	-	-	-	-
Assessments receivable	285	-	69	354
Due from general fund	-	-	91,878	91,878
Total assets	<u>\$14,238,128</u>	<u>\$ -</u>	<u>\$ 566,181</u>	<u>\$ 14,804,309</u>
<b>LIABILITIES</b>				
<b>Liabilities:</b>				
Accounts payable	\$ 232,157	\$ -	\$ -	\$ 232,157
Retainage payable	1,102	-	-	1,102
Due to debt service	91,878	-	-	91,878
Deposits payable/trash bonds	202,000	-	-	202,000
Cost recovery deposits	52,878	-	-	52,878
Pension payable	3,158	-	-	3,158
Payroll liabilities	36	-	-	36
Total liabilities	<u>583,209</u>	<u>-</u>	<u>-</u>	<u>583,209</u>
<b>FUND BALANCES</b>				
Assigned:				
3 months working capital	1,438,513	-	-	1,438,513
Disaster recovery	3,500,000	-	-	3,500,000
Truck replacement	142,000	-	-	142,000
Restricted for				
Debt service	-	-	566,181	566,181
Unassigned	8,574,406	-	-	8,574,406
Total fund balances	<u>13,654,919</u>	<u>-</u>	<u>566,181</u>	<u>14,221,100</u>
Total liabilities and fund balances	<u>\$14,238,128</u>	<u>\$ -</u>	<u>\$ 566,181</u>	<u>\$ 14,804,309</u>

**SUNSHINE  
WATER CONTROL DISTRICT  
STATEMENT OF REVENUES, EXPENDITURES,  
AND CHANGES IN FUND BALANCES  
GENERAL FUND  
FOR THE PERIOD ENDED SEPTEMBER 30, 2022**

	Current Month	Year to Date	Adopted Budget	% of Budget
<b>REVENUES</b>				
Assessments	\$ 332	\$ 3,494,731	\$ 3,480,348	100%
Interest and miscellaneous	1,835	11,919	9,000	132%
Permit review fees	700	7,644	4,900	156%
Cost recovery	-	4,704	17,500	27%
Total revenues	<u>2,867</u>	<u>3,518,998</u>	<u>3,511,748</u>	100%
<b>EXPENDITURES</b>				
<b>Administrative</b>				
Supervisors	150	1,600	1,800	89%
Supervisors reimbursement	50	50	7,500	1%
Management/accounting/recording	5,319	63,819	63,819	100%
DSF & CPF accounting	1,242	14,908	14,908	100%
Dissemination fee	83	1,000	1,000	100%
Arbitrage rebate calculation	750	750	750	100%
Trustee	3,000	3,000	5,000	60%
Audit	-	11,200	11,200	100%
Legal	29,851	105,603	95,000	111%
Legal - legislative representation	-	6,417	-	N/A
Human resource services	611	7,337	7,337	100%
Communication	-	-	7,500	0%
Dues/subscriptions	175	4,350	4,500	97%
Rent - operations facility	3,937	43,312	47,249	92%
Insurance	-	23,365	32,543	72%
Legal advertising	-	699	2,500	28%
Office supplies and expenses	-	840	1,500	56%
Postage	136	898	1,200	75%
Postage-ROW clearing	-	-	500	0%
Printing and binding	117	1,400	1,400	100%
Website	-	1,109	3,000	37%
ADA website compliance	-	210	210	100%
Contingencies	35	4,058	5,000	81%
Total administrative expenses	<u>45,456</u>	<u>295,925</u>	<u>315,416</u>	94%
<b>Field operations</b>				
Salaries and wages	48,975	403,666	438,375	92%
FICA taxes	3,744	30,977	33,536	92%
Special pay	-	1,435	2,000	72%
Bonus program	-	-	1,500	0%
401a retirement plan	7,394	47,803	43,838	109%
Health insurance	22,355	253,430	278,434	91%
Workers' compensation insurance	-	12,551	15,000	84%
Engineering	7,360	37,003	100,000	37%
Engineering - capital outlay ps1 & ps2	2,520	17,631	200,000	9%
Engineering - wofo phase 2b	1,680	99,537	219,900	45%
Engineering - sw 20 yrs reporting	-	5,376	-	N/A

**SUNSHINE  
WATER CONTROL DISTRICT  
STATEMENT OF REVENUES, EXPENDITURES,  
AND CHANGES IN FUND BALANCES  
GENERAL FUND  
FOR THE PERIOD ENDED SEPTEMBER 30, 2022**

	Current Month	Year to Date	Adopted Budget	% of Budget
Consulting engineer services	-	-	25,000	0%
Cost recovery	2,688	7,003	17,500	40%
Water quality testing	1,496	4,924	5,224	94%
Telephone	-	1,112	1,800	62%
Electric	18,590	72,809	85,000	86%
Insurance	-	54,411	46,949	116%
Repairs and maintenance				
Canal banks	-	14,198	50,000	28%
Canal dredging	-	-	50,000	0%
Culvert inspection & cleaning	-	-	100,000	0%
Dumpster service	995	6,434	13,000	49%
Truck & tractor	2,583	10,864	21,000	52%
Other	1,363	22,882	21,000	109%
Operating supplies				
Chemicals	41,052	109,250	90,000	121%
Fuel	2,569	12,415	20,000	62%
Fuel-pump station generator	-	-	35,000	0%
Triploid carp	-	-	19,755	0%
Uniforms	147	1,530	3,217	48%
Other	972	3,995	4,000	100%
Permit fees, licenses, schools	-	4,730	5,000	95%
Capital outlay - westchester	52,178	278,091	-	N/A
Capital outlay - pump station 1 & 2	81,711	420,060	1,500,000	28%
Capital outlay - wofc phase 2B	-	2,204,399	1,840,000	120%
Field equipment	-	-	35,000	0%
Pump station telemetry	520	3,939	40,000	10%
Contingencies	3,900	12,919	5,000	258%
Total field operations	<u>304,792</u>	<u>4,155,374</u>	<u>5,366,028</u>	77%
<b>Other fees and charges</b>				
Tax collector	-	34,943	36,254	96%
Property appraiser	-	34,943	36,254	96%
Property tax bills - fire & EMS assessment	-	38	100	38%
Total other fees & charges	<u>-</u>	<u>69,924</u>	<u>72,608</u>	96%
Total expenditures	<u>350,248</u>	<u>4,521,223</u>	<u>5,754,052</u>	79%



**SUNSHINE  
WATER CONTROL DISTRICT  
STATEMENT OF REVENUES, EXPENDITURES,  
AND CHANGES IN FUND BALANCES  
GENERAL FUND  
FOR THE PERIOD ENDED SEPTEMBER 30, 2022**

	Current Month	Year to Date	Adopted Budget	% of Budget
Excess/(deficiency) of revenues over/(under) expenditures	(347,381)	(1,002,225)	(2,242,304)	
<b>OTHER FINANCING SOURCES/(USES)</b>				
Transfers in - from DSF Series 2018	-	48,941	-	N/A
Transfers in - from DSF Series 2021	-	-	300,000	0%
Transfer out - to DSF Series 2021	-	-	(107,946)	0%
Total other financing sources/(uses)	-	48,941	192,054	25%
Net increase/(decrease) of fund balance	(347,381)	(953,284)	(2,050,250)	
Fund balance - beginning	14,002,300	14,608,203	14,022,163	
Fund balance - ending				
Assigned:				
3 months working capital	1,438,513	1,438,513	1,438,513	
Disaster recovery	3,500,000	3,500,000	3,500,000	
Truck replacement	142,000	142,000	142,000	
Unassigned	8,574,406	8,574,406	6,891,400	
Total fund balance - ending	<u>\$ 13,654,919</u>	<u>\$ 13,654,919</u>	<u>\$ 11,971,913</u>	

**SUNSHINE  
WATER CONTROL DISTRICT  
STATEMENT OF REVENUES, EXPENDITURES,  
AND CHANGES IN FUND BALANCES  
DEBT SERVICE FUND SERIES 2018  
FOR THE PERIOD ENDED SEPTEMBER 30, 2022**

	Current Month	Year To Date
<b>REVENUES</b>		
Interest	\$ -	\$ 6
Total revenues	-	6
<b>EXPENDITURES</b>		
<b>Debt service</b>		
Total debt service	-	-
Excess/(deficiency) of revenues over/(under) expenditures	-	6
<b>OTHER FINANCING SOURCES/(USES)</b>		
Transfers (out)	-	(156,887)
Total other financing sources/(uses)	-	(156,887)
Net increase/(decrease) in fund balance	-	(156,881)
Fund balances - beginning	-	156,881
Fund balances - ending	\$ -	\$ -

**SUNSHINE  
WATER CONTROL DISTRICT  
STATEMENT OF REVENUES, EXPENDITURES,  
AND CHANGES IN FUND BALANCES  
DEBT SERVICE FUND SERIES 2021  
FOR THE PERIOD ENDED SEPTEMBER 30, 2022**

	Current Month	Year To Date	Adopted Budget	% of Budget
<b>REVENUES</b>				
Assessment levy: on-roll	\$ 81	\$ 851,949	\$ 848,359	100%
Interest	783	1,896	-	N/A
Total revenues	<u>864</u>	<u>853,845</u>	<u>848,359</u>	101%
<b>EXPENDITURES</b>				
<b>Debt service</b>				
Principal	-	135,000	135,000	100%
Interest	-	291,251	291,251	100%
Total debt service	<u>-</u>	<u>426,251</u>	<u>426,251</u>	100%
<b>Other fees and charges</b>				
Tax collector	-	17,037	8,837	193%
Property appraiser	-	-	8,837	0%
Cost of issuance	-	3,000	-	N/A
Total other fees and charges	<u>-</u>	<u>20,037</u>	<u>17,674</u>	113%
Total expenditures	<u>-</u>	<u>446,288</u>	<u>443,925</u>	101%
Excess/(deficiency) of revenues over/(under) expenditures	864	407,557	404,434	
<b>OTHER FINANCING SOURCES/(USES)</b>				
Transfers in	-	107,946	107,946	100%
Transfers (out)	-	-	(300,000)	0%
Total other financing sources/(uses)	<u>-</u>	<u>107,946</u>	<u>(192,054)</u>	-56%
Net increase/(decrease) in fund balance	864	515,503	212,380	
Fund balances - beginning	565,317	50,678	-	
Fund balances - ending	<u>\$ 566,181</u>	<u>\$ 566,181</u>	<u>\$ 212,380</u>	

# SUNSHINE

Water Control District

Special Assessment Revenue Improvement Bonds, Series 2018

\$11,685,000

## Debt Service Schedule

Date	Principal	Coupon	Interest	Total P+I
11/01/2021		-	222,015.00	222,015.00
05/01/2022		4.800%	222,015.00	222,015.00
11/01/2022		-	222,015.00	222,015.00
05/01/2023	430,000.00	4.800%	222,015.00	652,015.00
11/01/2023		-	213,845.00	213,845.00
05/01/2024	450,000.00	4.800%	213,845.00	663,845.00
11/01/2024		-	205,295.00	205,295.00
05/01/2025	465,000.00	4.800%	205,295.00	670,295.00
11/01/2025		-	196,460.00	196,460.00
05/01/2026	480,000.00	4.800%	196,460.00	676,460.00
11/01/2026		-	187,340.00	187,340.00
05/01/2027	500,000.00	4.800%	187,340.00	687,340.00
11/01/2027		-	177,840.00	177,840.00
05/01/2028	520,000.00	4.800%	177,840.00	697,840.00
11/01/2028		-	167,960.00	167,960.00
05/01/2029	540,000.00	4.800%	167,960.00	707,960.00
11/01/2029		-	157,700.00	157,700.00
05/01/2030	560,000.00	4.800%	157,700.00	717,700.00
11/01/2030		-	147,060.00	147,060.00
05/01/2031	580,000.00	4.800%	147,060.00	727,060.00
11/01/2031		-	136,040.00	136,040.00
05/01/2032	600,000.00	4.800%	136,040.00	736,040.00
11/01/2032		-	124,640.00	124,640.00
05/01/2033	625,000.00	4.800%	124,640.00	749,640.00
11/01/2033		-	112,765.00	112,765.00
05/01/2034	650,000.00	4.800%	112,765.00	762,765.00
11/01/2034		-	100,415.00	100,415.00
05/01/2035	675,000.00	4.800%	100,415.00	775,415.00
11/01/2035		-	87,590.00	87,590.00
05/01/2036	695,000.00	4.800%	87,590.00	782,590.00
11/01/2036		-	74,385.00	74,385.00
05/01/2037	730,000.00	4.800%	74,385.00	804,385.00
11/01/2037		-	60,515.00	60,515.00
05/01/2038	750,000.00	4.800%	60,515.00	810,515.00
11/01/2038		-	46,265.00	46,265.00
05/01/2039	780,000.00	4.800%	46,265.00	826,265.00
11/01/2039		-	31,445.00	31,445.00
05/01/2040	810,000.00	4.800%	31,445.00	841,445.00
11/01/2040		-	16,055.00	16,055.00
05/01/2041	845,000.00	4.800%	16,055.00	861,055.00
<b>Total</b>	<b>\$11,685,000.00</b>	<b>-</b>	<b>\$5,375,290.00</b>	<b>\$17,060,290.00</b>

**SUNSHINE  
WATER CONTROL DISTRICT**

**MINUTES**

**DRAFT**

**MINUTES OF MEETING  
SUNSHINE WATER CONTROL DISTRICT**

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The Board of Supervisors of the Sunshine Water Control District held a Regular Meeting on October 12, 2022 at 6:30 p.m., at the La Quinta Inn Coral Springs, 3701 N. University Drive, Coral Springs, Florida 33065.

**Present were:**

Joe Morera	President
Ivan Ortiz	Vice President

**Also present were:**

Cindy Cerbone	District Manager
Jamie Sanchez	Wrathell, Hunt and Associates, LLC
Andrew Kantarzhi	Wrathell, Hunt and Associates, LLC
Al Malefatto	District Counsel
Orlando Rubio	District Engineer
Cory Selchan	Field Superintendent
Brad Larsen	NFP

**FIRST ORDER OF BUSINESS**

**Call to Order**

Mr. Morera called the meeting to order at 6:35 p.m.

**SECOND ORDER OF BUSINESS**

**Roll Call**

Supervisors Morera and Ortiz were present. Supervisor Khouri was not present.

**THIRD ORDER OF BUSINESS**

**Pledge of Allegiance**

All present recited the Pledge of Allegiance.

**FOURTH ORDER OF BUSINESS**

**Public Comments [3-Minute Time Limit]**  
*(Comments should be made from the microphone to ensure recording. Please state your name prior to speaking.)*

No members of the public spoke.

42 **FIFTH ORDER OF BUSINESS**

**Discussion: SWCD 2Q-2022 Fiduciary  
Investment Review**

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Referencing slides, Mr. Larsen presented the Fiduciary Investment Review Report and discussed the Investment Policy Statement, which is the strategy by which investment options are monitored, selected or potentially replaced. He noted the desire to establish a formal Committee comprised of Board Members.

Mr. Larson discussed a fee reduction and the difficulty moving the Mission Annuity Contract to their Open Architecture contract because Mission Square is no longer allowing that transition until plans become much larger. As a result of this, he thought it necessary to investigate alternative record keepers, such as Lincoln, potential pricing and savings in the open market. He discussed the conversion process, investment options, asset class, a 10-point scoring methodology/system, acceptable funds that are above 7, funds on the watchlist that are 6 or below, pricing/expense ratios and Asset Management Charges (AMC).

Mr. Larsen stated, once the switch is made from Mission Square to another investment company, the Board will notice a significantly better investment lineup, with lower costs and better performance. His goal is to obtain the best deals for the District’s employees. Lincoln will allow the District to move to the open architecture platform, in time; however, that is just one option. He and his team will research and consider several other record keepers in the retirement contribution space for the District.

Mr. Larsen responded to questions about moving assets from Mission Square, mid-cap growth funds, transfer costs, how often funds might be transferred, quarterly reviews and scoring funds. If the Board is amenable, he would recommend the formation of a 401A Pension Plan Committee and, with the Board’s authorization, he will shop the plan on the open market.

Ms. Cerbone asked about memorializing the Committee Members and if the group must be comprised of Board Members. Mr. Larsen stated the Committee could consist of one person or 15 people and someone must be in the leadership role; it would be good for a person with an interest in investments and a human resource professional.

Mr. Morera stated he favored having a representative from the employee pool and having an odd-number of people on the Committee for voting purposes. Ms. Cerbone stated she could not designate anyone tonight to join the Committee, on behalf of District Management, and suggested that the Board nominate itself and Mr. Selchan as the Committee

74 and task the District Manager to confer with District Counsel regarding joining the Committee.  
75 If a representative from District Management can be on the Committee, someone will be  
76 named and, if they cannot, she would explain why.

77 Discussion ensued regarding when Committee meetings would be held, if the  
78 Committee meetings should be advertised and how decisions will be made once the Committee  
79 makes a recommendation to the Board.

80

81 **On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor,**  
82 **creating a SWCD 401A Committee, comprised of the three Board Members, Mr.**  
83 **Selchan, and allowing for additional Committee Members to be appointed**  
84 **later, was approved.**

85

86

87 Mr. Larsen stated, once the Committee is established, he will start looking into funding  
88 analytics and making potential investment decisions.

89

90 **On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor, the,**  
91 **authorizing NFP to move two existing funds from Mission Square to another**  
92 **record-keeper, was approved.**

93

94

95 Mr. Larsen stated he will enact the document, as the District's Investment  
96 Representative, by executing and putting it in place. He suggested another motion to take the  
97 plan to market and explore other record keepers, in addition to Lincoln.

98

99 **On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor,**  
100 **authorizing NFP to take the 401A Plan to market, was approved.**

101

102

103 Regarding Committee meetings, Mr. Morera favors starting them at 6:00 p.m., followed  
104 by the Board Meeting at 6:30 p.m. Management will advertise the Committee meetings. Ms.  
105 Cerbone will add Mr. Larsen to the agenda distribution list. Mr. Larsen will email the quarterly  
106 review to Management for dissemination to the Committee prior to the next meeting.

107

**The meeting recessed at 7:31 p.m., and reconvened at 7:34 p.m.**

108



109 **SIXTH ORDER OF BUSINESS**

**Acceptance of Unaudited Financial Statements as of August 31, 2022**

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111  
112  
113

Ms. Sanchez presented the Unaudited Financial Statements as of August 31, 2022.

**On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor, the Unaudited Financial Statements as of August 31, 2022, were accepted.**

116  
117

118 **SEVENTH ORDER OF BUSINESS**

**Approval of September 14, 2022 Public Hearings and Regular Meeting Minutes**

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120  
121  
122

Ms. Sanchez presented the September 14, 2022 Public Hearings and Regular Meeting Minutes.

**On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor, the September 14, 2022 Public Hearings and Regular Meeting Minutes, as presented, were approved.**

127  
128

129 **EIGHTH ORDER OF BUSINESS**

**Supervisors' Communications**

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131

Mr. Ortiz stated that he is healing from a successful eye surgery.

132  
133

Mr. Morera asked if the District's agreements were reviewed and if a plan is in place to check agreements from the field. Per Mr. Selchan, a plan will be developed after the new year.

134  
135  
136

Mr. Morera asked Staff to prepare and send a standard letter to property owners, in November, informing them that they violated the agreements and should take action to correct those violations. Ms. Cerbone will retrieve and re-send the letter.

137  
138

Mr. Morera wished everyone a happy and safe Halloween and thanked everyone for their continued support of the District.

139

140 **NINTH ORDER OF BUSINESS**

**Staff Reports**

141

142 **A. District Counsel: *Lewis, Longman & Walker, P.A.***

143

Mr. Malefatto reported the following:

144

➤ He conferred with a Benefit Plan Consultant about a Healthcare Reimbursement Account (HRA) for District employees. A stand-alone HRA is not feasible in this situation.

145

146 ➤ The Consultant offered to assist by advising District Management and the District's  
147 Insurance agent regarding when to renew the healthcare plan to include Board Members.

148 Ms. Cerbone stated the existing plan is a grandfather plan, meaning no changes can be  
149 made. In order to include the Board Members, the District must switch plans and there might  
150 not be a comparable plan for the employees. At the same time, there is no guarantee at the  
151 December meeting that the District's current carrier, AvMed, will still have the same offerings.  
152 The Board previously stated it did not wish to change the employee plan. Staff will schedule a  
153 conference call with Gallagher and Gehring and report the findings at the next Board meeting.

154 Ms. Sanchez will include a Health Plan Update as a discussion item on the next agenda.

155 Discussion ensued regarding reimbursement of health insurance premiums, providing  
156 Management with evidence of insurance deduction/tax payments and taxable, non-taxable and  
157 Medicare reimbursements.

158 Mr. Malefatto continued his report, as follows:

159 ➤ Regarding Blue Stream's claim against Just Call James (JCJ) for cutting a cable line,  
160 Bluestream's Counsel passed District Counsel's follow-up email on to the collection contractor,  
161 Phoenix Loss Control (PLC). Mr. Malefatto emailed PLC on September 16, 2022 and asked them  
162 to demonstrate that Blue Stream was permitted but he has not heard back.

163 Discussion ensued regarding Blue Stream's unresponsiveness and lack of cooperation,  
164 alerting the City about the issues with Blue Stream, potential legal action against Blue Stream,  
165 reporting Blue Stream's permit status to the City, the District right-of-way (ROW) and AT&T.

166 Mr. Malefatto will follow up with Blue Stream's Counsel.

167 ➤ Regarding the SWCD Referendum on the November ballot, Mr. Malefatto reviewed the  
168 ballot language, prior to its finalization, and it was consistent with the statutes.

## 169 **B. District Engineer: Craig A. Smith & Associates**

### 170 **I. Presentation: Monthly Engineer's Report**

171 Mr. Rubio presented the September Monthly Engineer's Report. He responded to  
172 questions regarding needing a new survey for Pump Station (PS) 1, the design differences  
173 between PS1 and PS2 and the engineering plans/concepts and design costs for PS1.

174 Per Mr. Morera, the District Engineer is to provide the side-by-side costs for both pump  
175 stations and highlight any differences in engineering or legal aspects.

### 176 **II. Permit Applications**

177 Mr. Rubio presented the following permit applications:

- 178 a. Re-Issue Permit 2020-14: Flora Fine Foods, 12400 NW 35<sup>TH</sup> Street
- 179 (Permit Modification)

180

181 **On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor, re-**  
 182 **issuance of Permit 2020-14, related to the CAS Project No. 15-1826-P25 ROW**  
 183 **Permit Application submitted by Diversified Construction & Engineering**  
 184 **Services, on behalf of Flora Fine Foods, site development at 124 NW 35<sup>th</sup> St., as**  
 185 **modified to include for the user of the existing catch basin to overflow into the**  
 186 **adjacent canal and subject to the Special Conditions set forth in the P2P**  
 187 **October 4, 2022 recommendation letter, was approved.**

188

189

- 190 b. Langan Engineering and Environmental Services on Behalf of Sawgrass
- 191 Place Owner, LLC, NW 39<sup>th</sup> St/NW 120<sup>th</sup> Avenue

192

193 **On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor, the**  
 194 **CAS Project No. 15-1826-P32 ROW Permit Application submitted by Langan**  
 195 **Engineering and Environmental Services, on behalf of Sawgrass Place Owner,**  
 196 **LLC, for the development of an industrial warehouse facility at NW 39<sup>th</sup> St/NW**  
 197 **120<sup>th</sup> Avenue, with loading docks, associated parking areas and perimeter dry**  
 198 **retention areas with overflow to the SWCD canal system, subject to the Special**  
 199 **Conditions set forth in the October 4, 2022 recommendation letter, was**  
 200 **approved.**

201

202

- 203 c. FG Construction LLC on Behalf of Broward County Board of County
- 204 Commissioners, Atlantic Blvd. Bridge

205

206 **On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor, the**  
 207 **CAS Project No. 15-1826 ROW Permit Application submitted by FG**  
 208 **Construction LLC, on behalf of the Broward County Board of County**  
 209 **Commissioners, for the Atlantic Blvd. Bridge Deck Repair at the bridge over the**  
 210 **East Outfall Canal, subject to the Special Conditions set forth in the October 10,**  
 211 **2022 recommendation letter, was approved.**

212

213

- 214 C. District Engineering Consultant: *John McKune*

215 There was no report.

- 216 D. District Field Supervisor: *Cory Selchan*

217 Mr. Selchan reported the following:

- 218 ➤ Rainfall: The District received 18” of rain in September, due to Hurricane Ian.
- 219 ➤ Staff drew down the water levels to 4’ and maintained that through the storm.
- 220 ➤ The parts needed to make the improvements at the pump stations are still pending.
- 221 ➤ The canal systems look okay.

- 222 • **Continued Discussion: City of Coral Springs Tree Memorial**
- 223 **Program/Plaque for Daniel Prudhomme**

224 Mr. Selchan conferred with the City regarding the Tree Memorial Program. The District’s

225 request to plant a tree in Mr. Prudhomme’s memory in Cypress Park was approved, provided it

226 is not a large tree, as the park is full. Ms. Cerbone suggested obtaining a plaque, as well.

227

228 **On MOTION by Mr. Ortiz and seconded by Mr. Morera, with all in favor,**

229 **authorizing Staff to procure a plaque honoring Mr. Prudhomme, in a not to**

230 **exceed amount of \$1,000, and for the planting of a small tree in Cypress Park in**

231 **Mr. Prudhomme’s memory, was approved.**

232

233

234 Mr. Selchan voiced his appreciation to the Board for their efforts on the employee

235 pension program and valuing the District’s employees.

236 Discussion ensued regarding hurricanes, flood insurance, residents and flood zones.

237 **E. District Manager: *Wrathell, Hunt & Associates, LLC***

- 238 • **NEXT MEETING DATE: November 9, 2022 at 6:30 P.M.**
- 239 ○ **QUORUM CHECK**

240 The next meeting is scheduled for November 9, 2022. A Committee Meeting will be

241 held at 6:00 p.m., prior to the Regular Meeting.

242

243 **TENTH ORDER OF BUSINESS**

**Public Comments**

244

245 No members of the public spoke.

246

247 **ELEVENTH ORDER OF BUSINESS**

**Adjournment**

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250 **On MOTION by Mr. Morera and seconded by Mr. Ortiz, with all in favor, the**

251 **meeting was adjourned at 9:03 p.m.**

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257 \_\_\_\_\_  
Secretary/Assistant Secretary

\_\_\_\_\_   
President/Vice President

**SUNSHINE  
WATER CONTROL DISTRICT**

**STAFF  
REPORTS  
A**

An act relating to Broward County; providing for codification of special laws regarding special districts pursuant to section 189.019, Florida Statutes, relating to Sunshine Water Control District, formerly known as Sunshine Drainage District, a special tax district in Broward County; providing legislative intent, and codifying and reenacting provisions of chapter 63-609, Laws of Florida, and chapter 2021-255, Laws of Florida; providing for the ratification, restatement and approval of the district formation; providing the status and boundaries of the district; providing for the applicability of chapters 170, 189, 197, and 298, F.S., and other general laws; providing for a district charter; providing for compensation of board members; providing for repeal of all prior special acts related to Sunshine Drainage District; providing an effective date.

Be It Enacted by the Legislature of the State of Florida:

Section 1. Pursuant to section 189.019, Florida Statutes, this act constitutes the codification of all special acts relating to Sunshine Drainage District, created by decree of the Circuit Court in and for the Fifteenth Judicial Circuit (now the Seventeenth Judicial Circuit), Broward County, Florida, entered in chancery No. 62-4596-F on January 23, 1963. This act shall also serve to formally change the name of the district to the Sunshine Water Control District pursuant to section 298.001, Florida Statutes. It is the intent of the Legislature in enacting this law to provide a single, comprehensive special act charter for the district, including all current legislative authority granted to the district by its prior legislative enactments and any additional authority granted by this act. It is the further intent of the Legislature that this act preserve all district authority in addition to any authority contained in chapter 298, Florida Statutes.

Section 2. Chapter 63-609 and chapter 2021-255, Laws of Florida, are amended, codified, reenacted and repealed as herein provided.

Section 3. District formation ratified, restated, and approved. — The decree of the Circuit Court in and for the Fifteenth Judicial Circuit (now the Seventeenth Judicial Circuit), Broward County, Florida, entered on January 23, 1963, in Chancery No. 62-4596-F, with respect to Sunshine Drainage District, a public corporation of the State of Florida, and any subsequent proceedings taken in that circuit court concerning the district, including the provisions setting the boundaries of the district, are ratified, confirmed, and approved.

Section 4. Status and boundaries. — The Sunshine Water Control District is declared to be an independent water control district and a public corporation of the state pursuant to chapter 298, Florida Statutes, as it may be amended from time to time, having the following boundaries in Broward County, Florida, to-wit:

The West five-eighths (W. 5/8) of Section 14, TOGETHER WITH Sections 16, 18, 20 and 22, Township 48 South, Range 41 East, Broward County, Florida.

TOGETHER WITH Sections 15, 17, 19 and 21, Township 48 South, Range 41 East, according to the plat of FLORIDA FRUITLANDS COMPANY'S SUBDIVISION NO. 2, as recorded in Plat Book 1, Page 102, of the Public Records of Palm Beach County, Florida.

TOGETHER WITH a strip of land known as the Sunshine Drainage District East Outfall Canal Right of Way, said strip of land being that portion of Section 27, Township 48

South, Range 41 East, according to the plat of FLORIDA FRUITLANDS COMPANY'S SUBDIVISION NO. 2, as recorded in Plat Book 1, Page 102, of the Public Records of Palm Beach County, Florida, lying East of a line parallel with and 170 feet West of the East line of said Section 27; TOGETHER WITH the East 170 feet of that portion of Section 34, Township 48 South, Range 41 East, Broward County, Florida, lying North of the North Right of Way line of South Florida Water Management District (formerly Central and Southern Florida Flood Control District) Canal C-14.

TOGETHER WITH a 170 foot wide strip of land, known as the Sunshine Drainage District West Outfall Canal Right of Way, said strip of land being portions of Sections 28 and 32, Township 48 South, Range 41 East, Broward County, Florida, and a portion of Section 29, Township 48 South, Range 41 East, according to the plat of FLORIDA FRUITLANDS COMPANY'S SUBDIVISION NO. 2, as recorded in Plat Book 1, Page 102, of the Public Records of Palm Beach County, Florida, as described in Official Records Book 5345, Pages 483 through 486, inclusive, of the Public Records of Broward County, Florida.

TOGETHER WITH a 60 foot wide strip of land being a portion of Section 33, Township 48 South, Range 41 East, according to the plat of FLORIDA FRUITLANDS COMPANY'S SUBDIVISION NO. 2, as recorded in Plat Book 1, Page 102, of the Public Records of Palm Beach County, Florida, bounded on the West by the West line of said Section 33, and bounded on the North, East and South by Tract "T" (Park) OAKLAND WOOD, according to the Plat thereof, recorded in Plat Book 80, Page 39, of the Public Records of Broward County, Florida.

TOGETHER WITH portions of Sections 12, 13 and 24, Township 48 South, Range 40 East, Broward County, Florida, lying East of the East Right-of-Way line of LEVEE L-36 (600 foot Canal Right-of-Way), lying North of the Westerly extension of the South line of said Section 19, Township 48 South, Range 41 East, and lying South of the Westerly extension of the North line of said Section 18, Township 48 South, Range 41 East, Broward County, Florida.

Said lands lying and situate in the City of Coral Springs, Broward County, Florida, containing 5533.5 acres, more or less.

Section 5. Tax exemption.—Any bonds issued by the district and the interest thereon shall be exempt from taxation by the State of Florida or any county, municipality, or political subdivision thereof.

Section 6. Unit development.—The board of supervisors shall have the power to establish administrative and financial “units” within the district, as described and governed by section 298.353, Florida Statutes, as it may be amended from time to time.

Section 7. Minimum charter requirements.—In accordance with section 189.031(3), Florida Statutes, the following subsections shall constitute the charter of the Sunshine Water Control District:



(1) The district is organized and exists for all purposes set forth in this act and chapter 298, Florida Statutes, as they may be amended from time to time.

(2) The powers, functions, and duties of the district regarding ad valorem taxation, bond issuance, other revenue-raising capabilities, budget preparation and approval, liens and foreclosure of liens, use of tax deeds and tax certificates as appropriate for non-ad valorem assessments, and contractual agreements shall be as set forth in chapters 170, 189, 197, and 298, Florida Statutes, or any other applicable general or special law, as they may be amended from time to time.

(3) The district was created by judicial decree on January 23, 1963, and confirmed by special act of the Legislature by chapter 63-609, Laws of Florida, in accordance with chapter 298, Florida Statutes.

(4) The district's charter may be amended only by special act of the Legislature.

(5)(a) Until November 5, 2024, the district is governed by a three-member board, elected on a 1-acre, one-vote basis by the landowners in the district. However, landowners owning less than 1 acre shall be entitled to one vote. Landowners with more than 1 acre shall be entitled to 1 additional acre for any fraction of an acre owned when all acreage has been aggregated for purposes of voting. The procedures for conducting district elections and for qualification of electors shall be pursuant to chapters 189 and 298, Florida Statutes, as they may be amended from time to time. However, a quorum for purposes of holding the annual meeting or any special meeting shall consist of those landowners present in person or represented by proxy at the meeting. The membership and organization of the board shall be as set forth in this act and chapter 298, Florida Statutes, as they may be amended from time to time.

(b)(i) Effective November 5, 2024, the district is governed by a five-member board elected by the qualified electors of the district.

(ii) Notwithstanding any provision of law to the contrary, members of the board of supervisors shall be elected by the qualified electors of the district. Election of board members by the qualified electors shall be the exclusive method for the election of the members of the board of supervisors.

(iii) The board shall call an election at which the members of the board of supervisors will be elected. Such election shall be held in conjunction with the general election in November 2024. Candidates may qualify for the offices of board of supervisors, which shall be designated as seat 1, seat 2, seat 3, seat 4, and seat 5, each elected at large within the district. A candidate qualifying for election must be an elector and resident of the district. Each board member shall be elected by the qualified electors of the district for a term of 4 years, except that, at the first such election, the three members elected to seat 1, seat 2, and seat 3 shall be elected for terms of 4 years each, and the two members elected to seat 4 and seat 5 shall be elected for terms of 2 years each. Thereafter, there shall be an election held every 2 years for expiring terms and all members shall be elected for terms of 4 years each. The candidate receiving the most votes for each seat shall be elected. All elected board members must be qualified electors of the district. Members of the board of supervisors as of October 1, 2023, shall serve until the certification of the November 2024 general election results.

(iv) Elections of board members by qualified electors held pursuant to this section shall be nonpartisan and shall be conducted in a manner prescribed by law for holding general elections. Board members shall assume the office on the second Tuesday following their election.

(v) Candidates seeking election to office by qualified electors under this subsection shall conduct their campaigns in accordance with the provisions of Chapter 106, Florida Statutes, and shall file qualifying papers and qualify for individual seats in accordance with Section 99.061, Florida Statutes. Candidates shall pay a qualifying fee, which shall consist of a filing fee and election assessment or, as an alternative, shall file a petition signed by not less than 1 percent of the qualified electors of the district, and take the oath required in Section 99.021, Florida Statutes, with the Supervisor of Elections of Broward County. The amount of the filing fee is 3 percent of the annual salary of the office. The amount of the election assessment is 1 percent of the annual salary of the office. The filing fee and election assessment shall be distributed as provided in Section 105.031(3), Florida Statutes.

(vi) The Supervisor of Elections of Broward County shall appoint the inspector and clerks of elections, prepare and furnish the ballots, designate polling places, and canvass the returns of the election of board members by qualified electors. The county canvassing board shall declare and certify the results of the election.

(vii) The terms "qualified elector" and "elector" mean any person at least 18 years of age who is a citizen of the United States, a permanent resident of the state, and a resident of the county within which the district lands are location when the registration books are open.

(6) The compensation of board members shall be governed by this act and chapter 298, Florida Statutes, as they may be amended from time to time.

(7) The administrative duties of the board of supervisors shall be as set forth in this act and chapter 298, Florida Statutes, as they may be amended from time to time.

(8) Requirements for financial disclosure, meeting notices, reporting, public-records maintenance, and per diem expenses for officers and employees shall be as set forth in chapters 112, 189, 286, and 298, Florida Statutes, as they may be amended from time to time.

(9) The procedures and requirements governing the issuance of bonds, notes, and other evidence of indebtedness by the district shall be as set forth in chapter 298, Florida Statutes, and applicable general laws, as they may be amended from time to time.

(10) The district may be financed by any method established in this act, chapter 298, Florida Statutes, and applicable general laws, as they may be amended from time to time.

(11) The methods for collecting non-ad valorem assessments, fees, or service charges shall be as set forth in chapters 170, 197, and 298, Florida Statutes, and other applicable general laws, as they may be amended from time to time.

(12) The district's planning requirements shall be as set forth in chapters 189 and 298, Florida Statutes, as they may be amended from time to time.

(13) The district's geographic boundary limitations shall be as set forth in section 4.

Section 8. Conflict.—In the event of a conflict of the provisions of this act with the provisions of any other act, the provisions of this act shall control to the extent of such conflict.

Section 9. Invalidity.—If any section or provision of this act is determined to be invalid or unenforceable, such determination shall not affect the validity and enforceability of each other section and provision of this act.

Section 10. Chapter 63-609, Laws of Florida, and chapter 2021-255, Laws of Florida, are repealed.

Section 11. This act shall take effect on May 30, 2023.

An act relating to Broward County; providing for codification of special laws regarding special districts pursuant to section 189.019, Florida Statutes, relating to Sunshine Water Control District, formerly known as Sunshine Drainage District, a special tax district in Broward County; providing legislative intent, and codifying and reenacting provisions of chapter 63-609, Laws of Florida, and chapter 2021-255, Laws of Florida; providing for the ratification, restatement and approval of the district formation; providing the status and boundaries of the district; providing for the applicability of chapters 170, 189, 197, and 298, F.S., and other general laws; providing for a district charter; providing for compensation of board members; providing for repeal of all prior special acts related to Sunshine Drainage District; providing an effective date.

Be It Enacted by the Legislature of the State of Florida:

Section 1. Pursuant to section 189.019, Florida Statutes, this act constitutes the codification of all special acts relating to Sunshine Drainage District, created by decree of the Circuit Court in and for the Fifteenth Judicial Circuit (now the Seventeenth Judicial Circuit), Broward County, Florida, entered in chancery No. 62-4596-F on January 23, 1963. This act shall also serve to formally change the name of the district to the Sunshine Water Control District pursuant to section 298.001, Florida Statutes. It is the intent of the Legislature in enacting this law to provide a single, comprehensive special act charter for the district, including all current legislative authority granted to the district by its prior legislative enactments and any additional authority granted by this act. It is the further intent of the Legislature that this act preserve all district authority in addition to any authority contained in chapter 298, Florida Statutes.

Section 2. Chapter 63-609 and chapter 2021-255, Laws of Florida, are amended, codified, reenacted and repealed as herein provided.

Section 3. District formation ratified, restated, and approved. — The decree of the Circuit Court in and for the Fifteenth Judicial Circuit (now the Seventeenth Judicial Circuit), Broward County, Florida, entered on January 23, 1963, in Chancery No. 62-4596-F, with respect to Sunshine Drainage District, a public corporation of the State of Florida, and any subsequent proceedings taken in that circuit court concerning the district, including the provisions setting the boundaries of the district, are ratified, confirmed, and approved.

Section 4. Status and boundaries. — The Sunshine Water Control District is declared to be an independent water control district and a public corporation of the state pursuant to chapter 298, Florida Statutes, as it may be amended from time to time, having the following boundaries in Broward County, Florida, to-wit:

The West five-eighths (W. 5/8) of Section 14, TOGETHER WITH Sections 16, 18, 20 and 22, Township 48 South, Range 41 East, Broward County, Florida.

TOGETHER WITH Sections 15, 17, 19 and 21, Township 48 South, Range 41 East, according to the plat of FLORIDA FRUITLANDS COMPANY'S SUBDIVISION NO. 2, as recorded in Plat Book 1, Page 102, of the Public Records of Palm Beach County, Florida.

TOGETHER WITH a strip of land known as the Sunshine Drainage District East Outfall Canal Right of Way, said strip of land being that portion of Section 27, Township 48

South, Range 41 East, according to the plat of FLORIDA FRUITLANDS COMPANY'S SUBDIVISION NO. 2, as recorded in Plat Book 1, Page 102, of the Public Records of Palm Beach County, Florida, lying East of a line parallel with and 170 feet West of the East line of said Section 27; TOGETHER WITH the East 170 feet of that portion of Section 34, Township 48 South, Range 41 East, Broward County, Florida, lying North of the North Right of Way line of South Florida Water Management District (formerly Central and Southern Florida Flood Control District) Canal C-14.

TOGETHER WITH a 170 foot wide strip of land, known as the Sunshine Drainage District West Outfall Canal Right of Way, said strip of land being portions of Sections 28 and 32, Township 48 South, Range 41 East, Broward County, Florida, and a portion of Section 29, Township 48 South, Range 41 East, according to the plat of FLORIDA FRUITLANDS COMPANY'S SUBDIVISION NO. 2, as recorded in Plat Book 1, Page 102, of the Public Records of Palm Beach County, Florida, as described in Official Records Book 5345, Pages 483 through 486, inclusive, of the Public Records of Broward County, Florida.

TOGETHER WITH a 60 foot wide strip of land being a portion of Section 33, Township 48 South, Range 41 East, according to the plat of FLORIDA FRUITLANDS COMPANY'S SUBDIVISION NO. 2, as recorded in Plat Book 1, Page 102, of the Public Records of Palm Beach County, Florida, bounded on the West by the West line of said Section 33, and bounded on the North, East and South by Tract "T" (Park) OAKLAND WOOD, according to the Plat thereof, recorded in Plat Book 80, Page 39, of the Public Records of Broward County, Florida.

TOGETHER WITH portions of Sections 12, 13 and 24, Township 48 South, Range 40 East, Broward County, Florida, lying East of the East Right-of-Way line of LEVEE L-36 (600 foot Canal Right-of-Way), lying North of the Westerly extension of the South line of said Section 19, Township 48 South, Range 41 East, and lying South of the Westerly extension of the North line of said Section 18, Township 48 South, Range 41 East, Broward County, Florida.

Said lands lying and situate in the City of Coral Springs, Broward County, Florida, containing 5533.5 acres, more or less.

Section 5. Tax exemption.—Any bonds issued by the district and the interest thereon shall be exempt from taxation by the State of Florida or any county, municipality, or political subdivision thereof.

Section 6. Unit development.—The board of supervisors shall have the power to establish administrative and financial “units” within the district, as described and governed by section 298.353, Florida Statutes, as it may be amended from time to time.

Section 7. Minimum charter requirements.—In accordance with section 189.031(3), Florida Statutes, the following subsections shall constitute the charter of the Sunshine Water Control District:

(1) The district is organized and exists for all purposes set forth in this act and chapter 298, Florida Statutes, as they may be amended from time to time.

(2) The powers, functions, and duties of the district regarding ad valorem taxation, bond issuance, other revenue-raising capabilities, budget preparation and approval, liens and foreclosure of liens, use of tax deeds and tax certificates as appropriate for non-ad valorem assessments, and contractual agreements shall be as set forth in chapters 170, 189, 197, and 298, Florida Statutes, or any other applicable general or special law, as they may be amended from time to time.

(3) The district was created by judicial decree on January 23, 1963, and confirmed by special act of the Legislature by chapter 63-609, Laws of Florida, in accordance with chapter 298, Florida Statutes.

(4) The district's charter may be amended only by special act of the Legislature.

(5) In accordance with chapter 189, Florida Statutes, this act, and section 298.11, Florida Statutes, the district is governed by a three-member board, elected on a 1-acre, one-vote basis by the landowners in the district. However, landowners owning less than 1 acre shall be entitled to one vote. Landowners with more than 1 acre shall be entitled to 1 additional acre for any fraction of an acre owned when all acreage has been aggregated for purposes of voting. The membership and organization of the board shall be as set forth in this act and chapter 298, Florida Statutes, as they may be amended from time to time.

(6) The compensation of board members shall be governed by this act and chapter 298, Florida Statutes, as they may be amended from time to time.

(7) The administrative duties of the board of supervisors shall be as set forth in this act and chapter 298, Florida Statutes, as they may be amended from time to time.

(8) Requirements for financial disclosure, meeting notices, reporting, public-records maintenance, and per diem expenses for officers and employees shall be as set forth in chapters 112, 189, 286, and 298, Florida Statutes, as they may be amended from time to time.

(9) The procedures and requirements governing the issuance of bonds, notes, and other evidence of indebtedness by the district shall be as set forth in chapter 298, Florida Statutes, and applicable general laws, as they may be amended from time to time.

(10) The procedures for conducting district elections and for qualification of electors shall be pursuant to chapters 189 and 298, Florida Statutes, as they may be amended from time to time. However, a quorum for purposes of holding the annual meeting or any special meeting shall consist of those landowners present in person or represented by proxy at the meeting.

(11) The district may be financed by any method established in this act, chapter 298, Florida Statutes, and applicable general laws, as they may be amended from time to time.

(12) The methods for collecting non-ad valorem assessments, fees, or service charges shall be as set forth in chapters 170, 197, and 298, Florida Statutes, and other applicable general laws, as they may be amended from time to time.

(13) The district's planning requirements shall be as set forth in chapters 189 and 298, Florida Statutes, as they may be amended from time to time.

(14) The district's geographic boundary limitations shall be as set forth in section 4.

Section 8. Conflict.—In the event of a conflict of the provisions of this act with the provisions of any other act, the provisions of this act shall control to the extent of such conflict.

Section 9. Invalidity.—If any section or provision of this act is determined to be invalid or unenforceable, such determination shall not affect the validity and enforceability of each other section and provision of this act.

Section 10. Chapter 63-609, Laws of Florida, and chapter 2021-255, Laws of Florida, are repealed.

Section 11. This act shall take effect on May 30, 2023.

**SUNSHINE  
WATER CONTROL DISTRICT**

**STAFF  
REPORTS  
BI**



November 2, 2022

Board of Supervisors  
Sunshine Water Control District  
2300 Glades Road, Suite 410W  
Boca Raton, Florida 33073

**RE: SUNSHINE WATER CONTROL DISTRICT - MONTHLY ENGINEER'S REPORT (MER)  
(November 9, 2022 Board Meeting)  
October 5, 2022 - November 2, 2022  
CAS PROJECT NO. 15-1826**

Dear Board of Supervisors:

Craig A. Smith & Associates, Inc. (CAS) is pleased to provide you with the MER summarizing activity performed by our team on behalf of SWCD during the referenced period including future work. Anything of significance or modifications occurring after this writing will be brought up at the November 9, 2022 BOS meeting.

### **Electrical Repairs at Pump Station Nos. 1 and 2**

Current Connections Inc continues to work on the building permit for the foundation work at PS2.

### **West Outfall Canal Phase 2B Improvements**

- CAS WOFC survey work for slope verification is complete at the location where resident claimed slopes are steeper than 4:1 (hor:ver). Slopes were taken at five locations near where the resident claimed to be steeper than 4:1; between 100 ft to 200 ft upstream of PS2. Slopes were surveyed from nearly waters' edge up to the canal top of bank and no slope was found to be in substantial deviation, i.e., steeper than 3.5:1 in accordance with the South Florida Water Management District Permit Information Manual Vol IV (5/2016) which is applied to lakes and not canals. Slopes were within tolerance levels as shown in the attached survey.
- CAS canal survey work at PS1 is completed.
- Radise International design plans for the intake bay at PS1 are almost complete pending soil boring results at this location.
- Radise International design plans for WOFC canal improvements at Riverside Dr are under development. Preliminary plans are being worked and coordination with Broward County Highway Engineering has been made.

### **Culvert Replacement – NW 24<sup>th</sup> St (Westchester Blvd)**

Review of as-built plans pending. A project walk-through has been scheduled for Thursday at 1 PM.



561.314.4445



21045 Commercial Trail  
Boca Raton, FL 33486



**Right-of-Way Permits**

The following applications are recommended for approval or are under review as noted:

- Project Site: near 4084 Coral Springs Dr; Crossing under Canal "GG" via directional bore of ~170 LF of 3" Flex Pipe by AT&T Florida
- Project Site: Coral Springs Dr Bridge and West Outfall Canal; Bridge deck repair by Broward County Board of County Commissioners.
- Amera Downtown Development Co., LLC – Sample Road and University Drive: Application submittal has been received and review comments have been sent to engineer of record.

---

As always, we continue to look forward to working with the SWCD staff on current and future important projects. Should there be any questions, I can be reached at the letterhead numbers shown or by electronic mail at [orubio@craigasmith.com](mailto:orubio@craigasmith.com).

Sincerely,

**CRAIG A. SMITH & ASSOCIATES**



Orlando A. Rubio, PE  
VP of Stormwater Engineering

Enclosures: CAS Slope Survey of WOFC  
ROW Permit Recommendations (2)

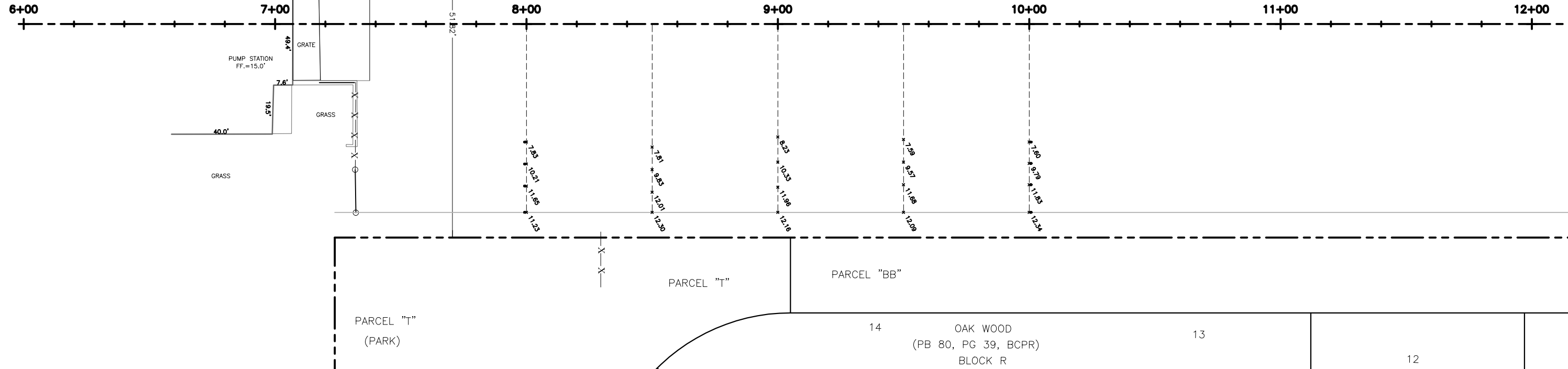
cc: **SWCD** - Cory Selchan, John McKune, PE (via e-mail)  
**WHA** - Jamie Sanchez, Cindy Cerbone, Debbie Tudor, Daphne Gillyard, Andrew Kantarzi, Gianna Denofrio, Caryn Kupiec (via e-mail)  
**CAS** - Steve C. Smith, PE, (via e-mail)

UNPLATTED  
PORTION OF SEC 32,  
TWS 48S, RGN 41E



0 10 20 40  
HORIZONTAL GRAPHIC SCALE  
24" X 36" SCALE: 1" = 20'-0"  
11" X 17" SCALE: 1" = 40'-0"

SUNSHINE WATER CONTROL DISTRICT  
WEST OUTFALL CANAL  
(170' RIGHT-OF-WAY)



**LOCATION MAP**  
SCALE: N.T.S.



**SURVEYOR'S NOTES:**

1. REPRODUCTIONS OF THIS SURVEY ARE NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
2. NO SEARCH OF THE PUBLIC RECORDS WAS PERFORMED BY THIS FIRM IN THE MAKING OF THIS SURVEY. THERE MAY EXIST EASEMENTS, RESTRICTIONS, RIGHTS OF WAY, ETC., WHICH APPEAR IN THE PUBLIC RECORDS, OR THAT ARE BASED ON UNDOCUMENTED AND/OR UNRECORDED AGREEMENTS, WHICH AFFECT THIS SURVEY.
3. ELEVATIONS SHOWN HEREON ARE RELATIVE TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD '29) AND ARE BASED ON BROWARD COUNTY PUBLISHED BENCHMARK 2277 (ELEVATION = 13.536).
4. THE CANAL RIGHT-OF-WAY SHOWN HEREON IS BASED ON PLAT INFORMATION (AS REFERENCED) AND PHYSICAL MONUMENTATION AS AVAILABLE. A "BEST FIT" APPROACH WAS TAKEN FOR THE PLACEMENT OF SAID RIGHT-OF-WAY ON THE SURVEY.
5. THE EXISTENCE OF UNDERGROUND IMPROVEMENTS, I.E. FOOTINGS, UTILITIES, DRAINAGE, UTILITIES ETC. NOT VISIBLE TO THE SURVEYOR IS UNKNOWN AND NOT ADDRESSED PER THIS SURVEY.
6. THE ACCURACY OF THIS SURVEY IS PREMISED ON THE EXPECTED USE OF THE SURVEY. THE PREMISE/EXPECTED USE OF THE SURVEY IS TO VERIFY LAKE SLOPE RATIOS IN THE AREAS REQUESTED.
7. DIMENSIONS AND ELEVATIONS SHOWN HEREON ARE IN ACCORDANCE WITH THE UNITED STATES STANDARDS USING FEET AND DECIMALS THEREOF.
8. THE SURVEY LEGEND IS A COMPREHENSIVE LIST OF STANDARDS AND IS NOT JOB SPECIFIC.
9. ALL SYMBOLS SHOWN ARE FOR REPRESENTATION PURPOSES ONLY AND ARE NOT TO SCALE.

**GENERAL ABBREVIATIONS**

ABRV	DESCRIPTION
CL	CENTER LINE
CONC	CONCRETE
(D)	DEED/DESCRIPTION
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
FF	FINISHED FLOOR
FND	FOUND
GE	GRATE ELEVATION
IE	INVERT ELEVATION
IR	IRON ROD
IRC	IRON ROD AND CAP
IP	IRON PIPE
LB	LICENSED BUSINESS
(M)	MEASURED
MND	MAGNETIC NAIL AND DISC
ORB	OFFICIAL RECORDS BOOK
(P)	PLAT
PB	PLAT BOOK
PG	PAGE
R/W	RIGHT OF WAY
PBCR	PALM BEACH COUNTY RECORDS
26-45-89	SECTION-TOWNSHIP-RANGE

**STANDARD LINETYPES**

SYMBOL	DESCRIPTION
—	LOT LINE
---	RIGHT OF WAY LINE
- - - - -	CENTER LINE
-X-X-X-X-X-X-X-	FENCE LINE

**DIGITAL SIGNATURE**

IF THIS DOCUMENT WAS DIGITALLY SIGNED BY THE SURVEYOR ON THE DATE SHOWN, PRINTED COPIES OF THE DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE DIGITAL SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

**SURVEYORS CERTIFICATE:**

I HEREBY CERTIFY THAT THIS SURVEY IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF AND MEETS APPLICABLE SECTIONS OF THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, SUBJECT TO QUALIFICATIONS NOTED HEREON.

FOR THE FIRM BY:  
ROBERT D. KEENER  
PROFESSIONAL SURVEYOR & MAPPER  
FLORIDA REGISTRATION NO. 4846  
FIELD DATE: 10/25/22  
SIGNATURE DATE: \_\_\_\_\_

NO.	DATE	FB / PG	DWN	REVISION	CKD
1	11/01/22	143/01	SEE	MAP OF SPECIFIC PURPOSE SURVEY	RDK

PREPARED FOR  
**SUNSHINE WATER CONTROL DISTRICT**

**CRAIG A. SMITH & ASSOCIATES**  
CONSULTING ENGINEERS-PLANNERS-SURVEYORS  
21045 COMMERCIAL TRAIL  
BOCA RATON, FLORIDA 33486  
(561) 314-4445  
CERTIFICATE NO. LB0003110

**MAP OF SPECIFIC PURPOSE SURVEY**

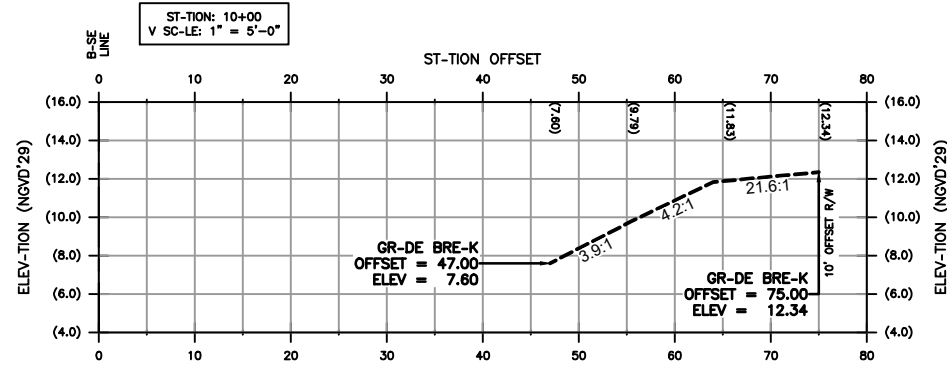
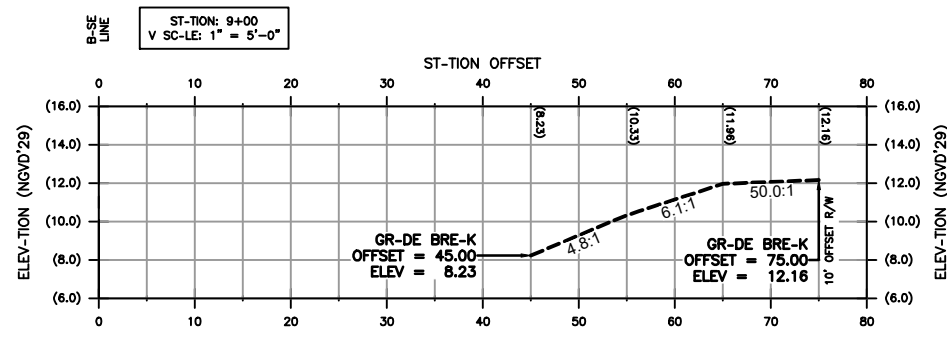
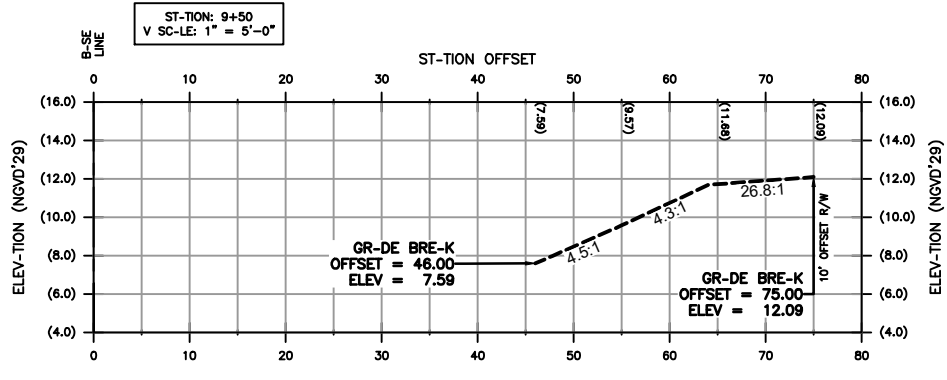
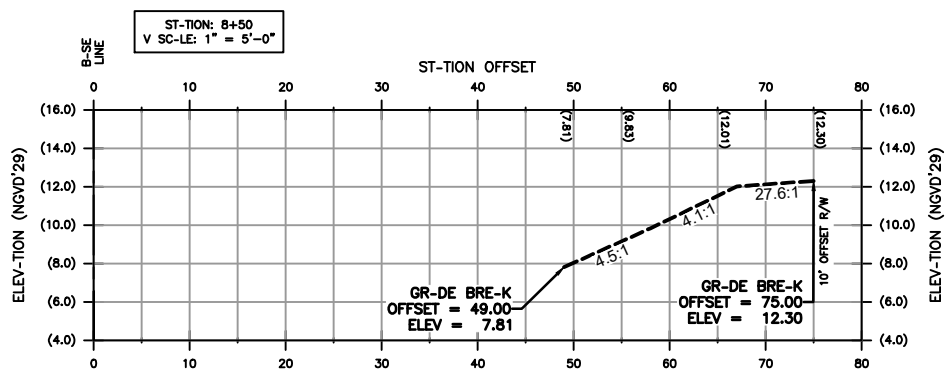
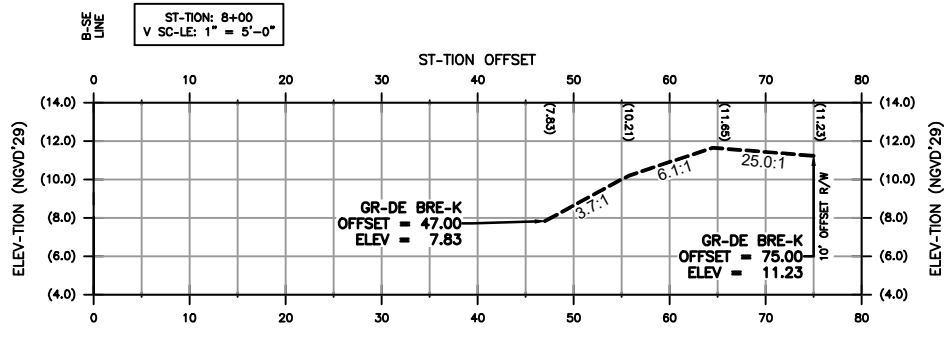
**SUNSHINE WATER CONTROL DISTRICT WEST OUTFALL CANAL PHASE 2**

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LAST SAVED: 11/01/22 - 2:19pm  
GAS PROJECT NUMBER  
**08-22-038**

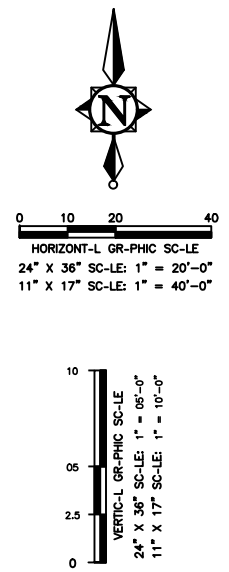
SHEET  
**V-01**  
OF  
02

P:\Projects\Sunshine\_Water\_Control\08-22-038-V-01-SVRY.dwg, 11/1/2022 2:20:36 PM, omamrifo, 1:2

P:\Projects\Sunshine\_Water\_Control\08-22-038-V-02-X-SEC-5\SURVEY.dwg, 11/1/2022 1:45:28 PM, onetwof, 1:2



**CROSS-SECTION LEGEND:**  
V = VERTIC-L  
N.G.V.D '29 = N-TION-L GEODETIC  
VERTIC-L D-TUM OF 1929.  
(7.81) = EXISTING ELEV-TION  
6.1:1 = SIDE SLOPE R-TIO



**SECTION VIEW**

NO.	DATE	FB / PG	DWN	REVISION	CKD
1	11/01/22	143/01	SEE	M-P OF SPECIFIC PURPOSE SURVEY	RDK

PREPARED FOR  
**SUNSHINE WATER CONTROL DISTRICT**

**CRAIG A. SMITH & ASSOCIATES**  
CONSULTING ENGINEERS-PLANNERS-SURVEYORS  
21045 COMMERCIAL TR-IL  
BOC- R-TON, FLORID- 33486  
(561) 314-4445  
CERTIFIC-TE. NO. LB0003110

**MAP OF SPECIFIC PURPOSE SURVEY**

**SUNSHINE WATER CONTROL DISTRICT WEST OUTFALL CANAL PHASE 2**  
CROSS-SECTION VIEWS

FILE N- E: 08-22-038-V-02-X-SEC-5  
L-ST S- ED: 11/01/22 - 1:44pm  
GAS PROJECT NUMBER  
**08-22-038**

**V-02**  
OF  
02

**SUNSHINE  
WATER CONTROL DISTRICT**

**STAFF  
REPORTS  
BIIa**



October 20, 2022

Board of Supervisors  
Sunshine Water Control District  
2300 Glades Road, Suite 410W  
Boca Raton, Florida 33073

**RE: SWCD RIGHT-OF-WAY (ROW) PERMIT APPLICATION –  
Crossing under Canal “GG” via directional bore of ~170 LF of 3” Flex Pipe  
Owner: AT&T Florida  
Project Site: near 4084 Coral Springs Dr  
CAS PROJECT NO. 15-1826**

Dear Board of Supervisors:

We have reviewed a ROW permit application submitted by AT&T Florida Canal for the directional bore under SWCD Canal “GG”. The applicant has met SWCD applicable criteria and we recommend that the SWCD Board of Supervisors issue a Right-of-Way Permit to the applicant, subject to the following Special Conditions to be made part of the Permit:

1. All work must be in compliance with the latest SWCD Permit Criteria Manual.
2. Permittee will ensure that all necessary Sediment & Erosion Control devices will be utilized at the SWCD right-of-way during construction.
3. Trash bond (\$2,500) shall be submitted prior to permit issuance and the Contractor shall repair and replace any SWCD facilities damaged during construction at no cost to the District.
4. A copy of Record As-builts and Engineer Certification shall be provided to SWCD upon completion of all work.
5. All applicable permits and approvals for Work shall be obtained.
6. All disturbed areas are to be restored.
7. SWCD shall be notified at least 48 hours prior to construction.

Sincerely,

**CRAIG A. SMITH & ASSOCIATES**

Orlando A. Rubio, PE  
VP of Stormwater Engineering

cc: SWCD – Cory Selchan, Field Superintendent (via e-mail)  
WHA - Cindy Cerbone, Debbie Tudor, Daphne Gillyard, Jamie Sanchez, Gianna Denofrio (via e-mail)  
CAS – Stephen C. Smith, PE, (via e-mail)

\\cas-file\Projects\Districts\Sunshine\_Water\_Control\19-2064-1CP-SWCD Non recovery\01-RIGHT-OF-WAY\2022\15-1826-ATT4084CSD\04-Correspondence\02-Letters\SWCD-ATT-4084-2022.10.20.docx



561.314.4445

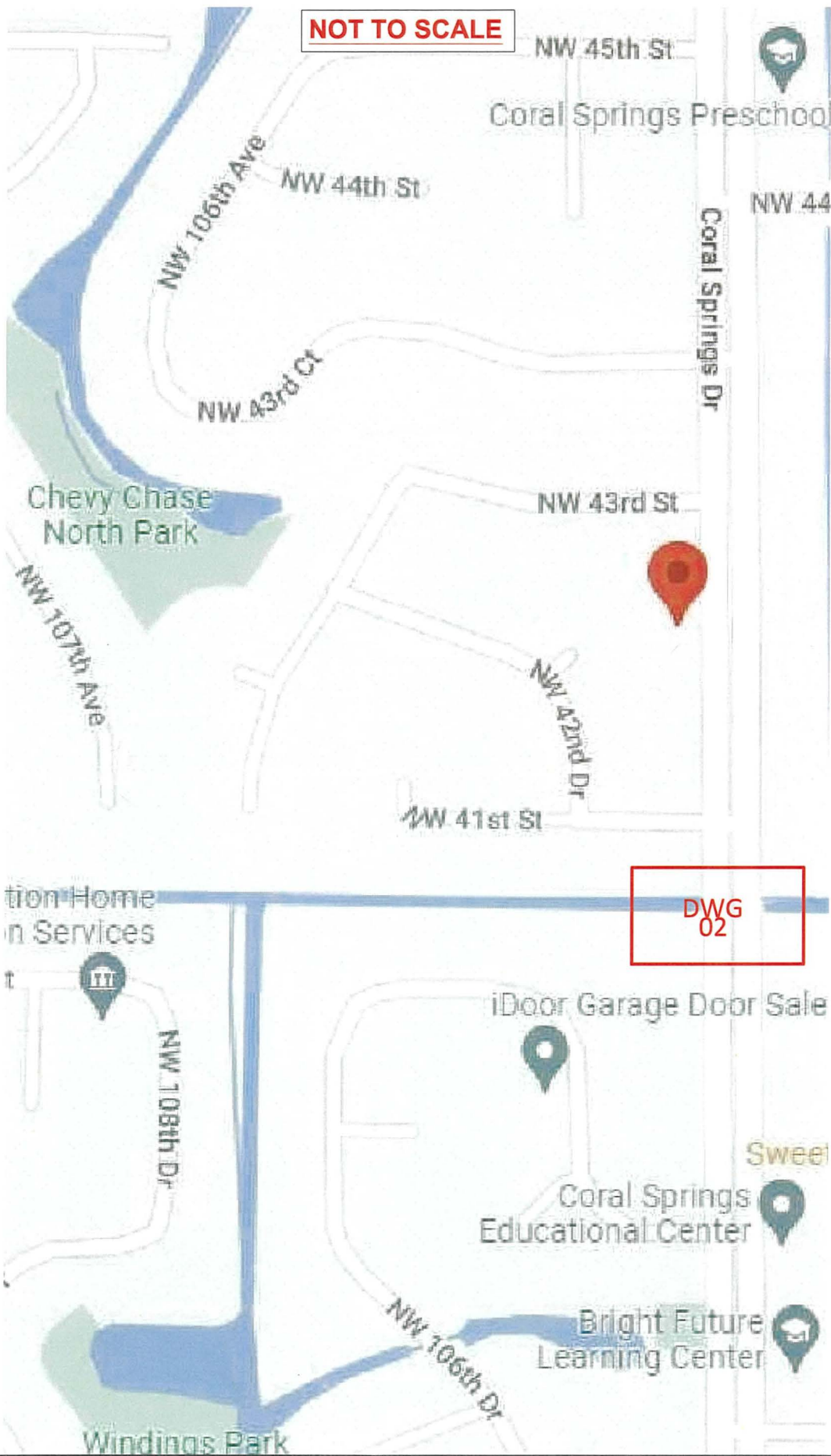


21045 Commercial Trail  
Boca Raton, FL 33486

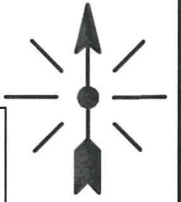


www.craigasmith.com

# VICINITY MAP



# GENERAL NOTES



### CONSTRUCTION NOTES AND SPECIFICATIONS:

1. RESTORATION TO COMPLY WITH CITY, COUNTY, AND STATE SPECIFICATIONS AND BSP 622-300-200.
2. RESTORE OR RELOCATE SHRUBBERY, TREES, SOD, SPRINKLER SYSTEM PUMPS AND ASSOCIATED PIPES TO ORIGINAL CONDITION.
3. RESTORE PAVEMENT, CURBS AND SIDEWALKS TO ORIGINAL CONDITION OR BETTER, IN ACCORDANCE WITH STATE & MUNICIPAL REQUIREMENTS. ALL SIDEWALKS MUST BE REPLACED WITH CONCRETE (NOT ASPHALT) AND 6" FOR CONNECTORS AND DRIVEWAYS.

NOTE:  
 - EQUAL OR BETTER MEANS IN COMPLIANCE.  
 - CONNECTORS MUST HAVE DETECTABLE WARNING SURFACES (DWS).  
 - RESTORATION FOR SIDEWALKS SHALL BE IN COMPLIANCE WITH ADA TITLE II MANDATES.

4. TYPES AND INSIDE DIMENSIONS OF HANDHOLES ARE SHOWN AT HANDHOLE LOCATIONS.
5. EXISTING UTILITY LOCATIONS HAVE BEEN TAKEN PRIMARILY FROM UTILITY OWNER OR GOVERNMENT RECORDS. NO GUARANTEE IS MADE OF THE CERTAINTY OF THESE LOCATIONS AND THE CONTRACTOR MUST VERIFY ALL LOCATIONS IN THE FIELD.
6. MINIMUM SEPARATION FROM FOREIGN UTILITIES SHALL BE 12" PARALLEL AND 6" PERPENDICULAR.
7. FOLLOW MIAMI-DADE COUNTY MOT STANDARD R19.5 DURING THE ROAD CLOSURES.
8. ANY FLAG NEXT TO THE TRENCHING SITES, MUST BE REPLACED IF DAMAGED BEFORE OR DURING CONSTRUCTION

### SAFETY RULES:

1. ALL EXISTING BURIED CABLES, UNDERGROUND AND LATERAL CONDUIT MUST BE MAINTAINED UNLESS OTHERWISE SPECIFIED BY ENGINEER OR PLANT CONTRACT SUPERVISOR.
2. OBSERVE PRECAUTIONS PER BSP 622-100-010 DURING MANHOLE AND CONDUIT CONSTRUCTION.
3. NOTIFY LOCAL TEST CENTER AND LOCATE SUBSCRIBER CABLES BEFORE DIGGING OR BORING. (CHECK FIRST DIG LATER).
4. NOTIFY OTHER UTILITIES AND LOCATE UNDERGROUND OBSTRUCTIONS BEFORE DIGGING OR BORING.

### CONTRACTOR RESPONSIBLE FOR:

1. PROPER BARRICADING AND LIGHTING DURING CONSTRUCTION.
  2. VEHICULAR TRAFFIC COORDINATION WITH BROWARD POLICE DEPARTMENT.
- BROWARD COUNTY TRAFFIC CONTROL AND STATE OF FLORIDA, DEPARTMENT OF TRANSPORTATION, TRAFFIC CONTROL.
3. SPECIAL NOTE: SUPPORT AND MAINTAIN ALL TRAFFIC CONTROL DEVICES.
  4. ANY INTERRUPTED BUS SERVICE MUST BE REPORTED TO BROWARD TRANSIT AT 954-357-8555 PRIOR TO CONSTRUCTION SPECIAL.
- NOTE: SUPPORT AND MAINTAIN ALL TRAFFIC CONTROL DEVICES.

NOTE: MAINTAIN 24" MIN. VERTICAL SEPARATION WHERE CROSSING EXISTING UTILITIES WITH DIRECTIONAL BORE CONDUIT AND MAINTAIN 18' MIN. VERTICAL SEPARATION WHERE CROSSING EXISTING UTILITIES WITH OPEN CUT TRENCH CONDUIT BOTH WHILE MAINTAINING 36" MIN. UTILITY COVER UNDER PAVED TRAVELWAYS AND 30' MIN. UTILITY COVER OTHERWISE.

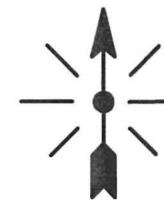
## LEGEND

SS	SS	SANITARY
SD	SD	STORM
W	W	WATER
C	C	COMMUNICATIONS
E	E	ELECTRIC
G	G	GAS
R/W		RIGHT OF WAY
P/L		PROPERTY LINE
UE		UTILITY EASEMENT
		EDGE OF PAVEMENT
C/L		CENTER LINE
D/W		DRIVEWAY
SWK		SIDE WALK
○		SANITARY MANHOLE
⊙		SANITARY VALVE
⊗		STORM SEWER MANHOLE
⊕		STORM INLET
⊖		WATER MANHOLE
⊗		WATER VALVE
⊕		WATER METER
⊖		FIRE HYDRANT
□		COMMUNICATION PEDESTAL
⊞		AT&T MANHOLE
⊞		COMMUNICATION HANDHOLE
⊞		ELECTRIC CONCRETE POLE
⊞		ELECTRIC WOOD POLE
⊞		STREET LIGHT
⊞		FPL HANDHOLE
⊞		ELECTRIC MANHOLE
⊞		TRAFFIC LIGHT
⊞		TRAFFIC SIGNAL
⊞		GAS VALVE

### PERMITS REQUIRED: CHECK ALL THAT APPLY

- SUNSHINE WCD
- MIAMI-DADE COUNTY.
- CORAL SPRINGS CITY
- OTHERS.
- NONE.

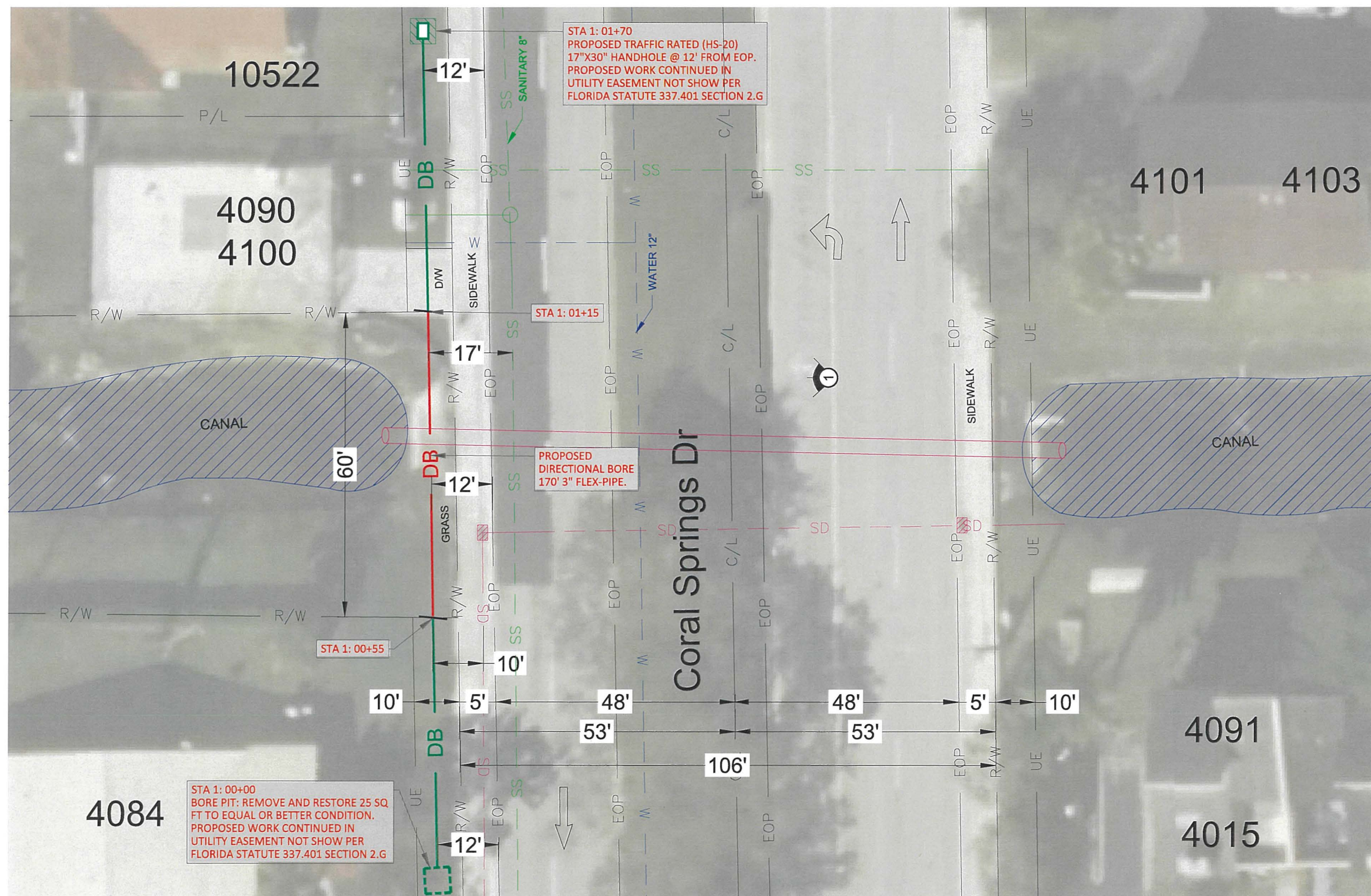
<b>ATTSE</b>	
PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF SUNSHINE WCD	
4084 CORAL SPRINGS DR	
Exchange:	954752
Designer:	PIPALVA, VIVEK
Phone:	954-562-9174
Authorization:	A02CSAP
DWG: 01 OF 02	



SCALE  
HORIZONTAL: 1" = 20'  
VERTICAL: 1" = 20'

PLAT BOOK: 70 PG: 49

MOT: 102-602, 102-660



STA 1: 01+70  
PROPOSED TRAFFIC RATED (HS-20)  
17"X30" HANDHOLE @ 12' FROM EOP.  
PROPOSED WORK CONTINUED IN  
UTILITY EASEMENT NOT SHOW PER  
FLORIDA STATUTE 337.401 SECTION 2.G

STA 1: 01+15

PROPOSED  
DIRECTIONAL BORE  
170' 3" FLEX-PIPE.

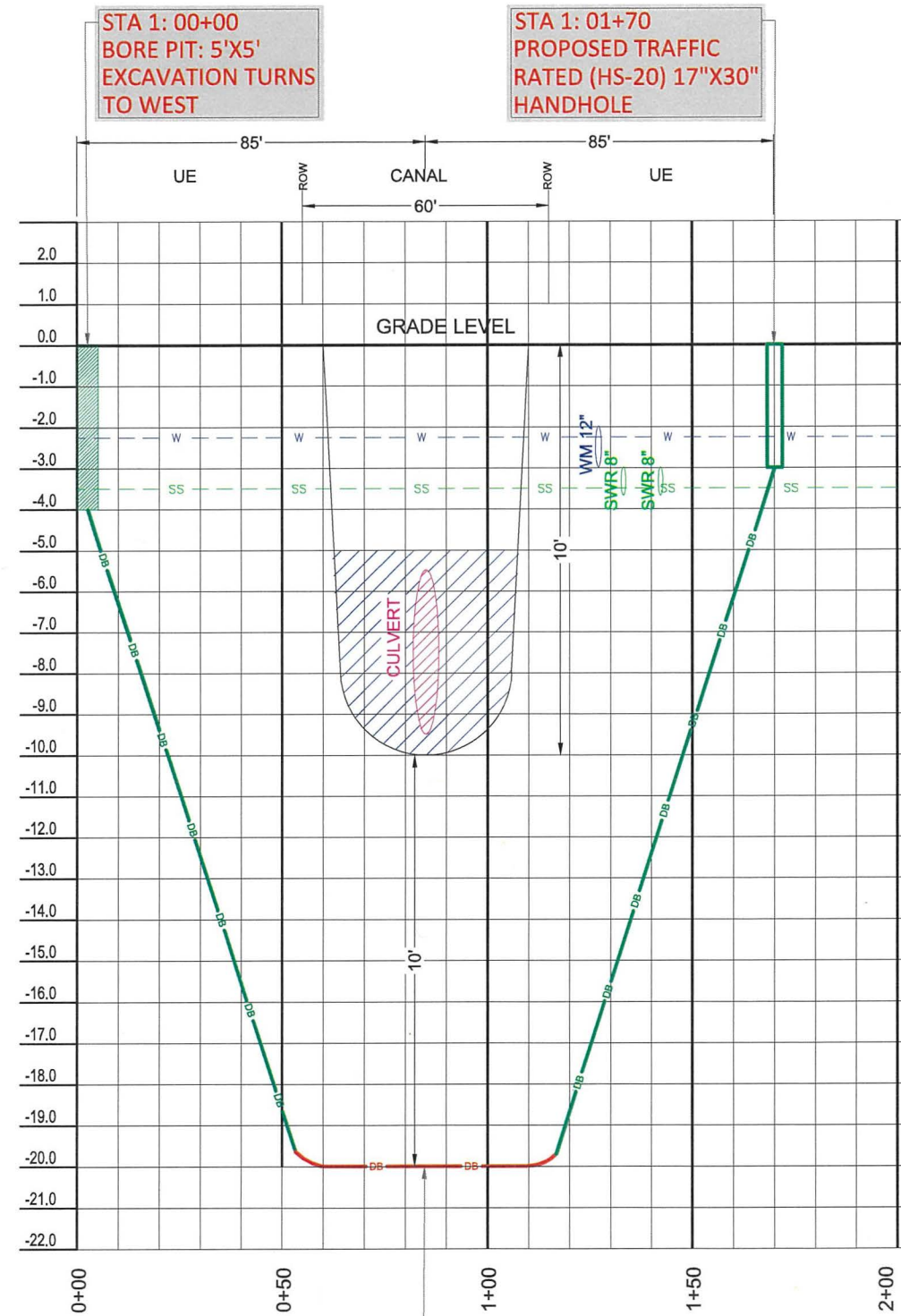
STA 1: 00+55

STA 1: 00+00  
BORE PIT: REMOVE AND RESTORE 25 SQ  
FT TO EQUAL OR BETTER CONDITION.  
PROPOSED WORK CONTINUED IN  
UTILITY EASEMENT NOT SHOW PER  
FLORIDA STATUTE 337.401 SECTION 2.G

ATTSE	
PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF SUNSHINE WCD	
4084 CORAL SPRINGS DR	
Exchange:	954752
Designer:	PIPALVA, VIVEK
Phone:	954-562-9174
Authorization:	A02CSAP
DWG: 02 OF 02	



PROFILES - ALONG CORAL SPRINGS DR



PROPOSED  
DIRECTIONAL BORE  
170' 1-3" FLEX-PIPE.



ENGINEERING RECORDS CITY OF  
CORAL SPRINGS:  
WATER & SEWER  
REFERENCE DOCUMENT:  
-CHEVY CHASE WATER AND  
SEWER (034-004 & 034-005)  
DRAINAGE  
REFERENCE DOCUMENT:  
-CHEVY CHASE PAVING AND DRAINAGE  
(034-013, 034-014 & 034-015)

SCALE  
HORIZONTAL: 1" = 20'  
VERTICAL: 1" = 20'

PLAT BOOK: 70 PG: 49

<b>ATTSE</b>	
PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF SUNSHINE WCD	
4084 CORAL SPRINGS DR	
Exchange:	954752
Designer:	PIPALVA, VIVEK
Phone:	954-562-9174
Authorization:	A02CSAP
DWG: 02A OF 02	

**SUNSHINE  
WATER CONTROL DISTRICT**

**STAFF  
REPORTS  
BIIb**



October 31, 2022

Board of Supervisors  
Sunshine Water Control District  
2300 Glades Road, Suite 410W  
Boca Raton, Florida 33073

**RE: SWCD RIGHT-OF-WAY (ROW) PERMIT APPLICATION – Bridge Deck Repair at Coral Springs Drive Bridge  
Broward County Board of County Commissioners (BCBOCC)  
Project Site: West Outfall Canal/Coral Springs Drive Bridge  
CAS PROJECT NO. 15-1826**

Dear Board of Supervisors:

We have reviewed a ROW permit application submitted by FG Construction Services, LLC on behalf of the BCBOCC for the proposed repair work at the bridge over the West Outfall Canal. No work is proposed in the canal but work platforms are needed to work under the bridge deck. The applicant has met SWCD applicable criteria and we recommend that the SWCD Board of Supervisors issue a Right-of-Way Permit to the applicant, subject to the following Special Conditions to be made part of the Permit:

1. All work must be in compliance with the latest SWCD Permit Criteria Manual.
2. Permittee will ensure that all necessary Sediment & Erosion Control devices will be utilized at the SWCD right-of-way during construction.
3. Trash bond (\$2,500) shall be submitted prior to permit issuance and the Contractor shall repair and replace any SWCD facilities damaged during construction at no cost to the District.
4. A copy of Record As-builts and Engineer Certification shall be provided to SWCD upon completion of all work.
5. All applicable permits and approvals for Work shall be obtained.
6. All disturbed areas are to be restored.
7. SWCD shall be notified at least 48 hours prior to construction.
8. In the event of a reasonably forecasted severe storm event, all material/equipment shall be removed from the canal right-of-way so as to not impede flow conditions within the West Outfall Canal during SWCD pumping operations.

Sincerely,

**CRAIG A. SMITH & ASSOCIATES**

Orlando A. Rubio, PE  
VP of Stormwater Engineering  
Enclosures: Engineering Plans

cc: FGC – Bao Dang, PE (via-email)  
WHA - Cindy Cerbone, Debbie Tudor, Daphne Gillyard, Jamie Sanchez, Gianna Denofrio (via e-mail)  
SWCD – Cory Selchan, Field Superintendent (via e-mail)  
CAS – Stephen C. Smith, PE, (via e-mail)

\\cas-file\Projects\Districts\Sunshine\_Water\_Control\19-2064-1CP-SWCD Non recovery\01-RIGHT-OF-WAY\2022\15-1826-BC-CSDBridge\04-Correspondence\02-Letters\SWCD-CSD-Bridge\_2022.10.31.docx



561.314.4445



21045 Commercial Trail  
Boca Raton, FL 33486



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**INDEX OF BRIDGE PLANS**

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BRIDGE 864006

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- 102-100 TEMPORARY BARRIER
- 102-613 MULTILANE ROADWAY, LANE CLOSURES
- 102-600 GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONE
- 415-001 BAR BENDING DETAILS (STEEL)

BROWARD COUNTY

PAVEMENT MARKINGS AND SIGNS DETAILS

GOVERNING STANDARDS AND SPECIFICATIONS:  
 FLORIDA DEPARTMENT OF TRANSPORTATION,  
 DESIGN STANDARDS DATED 2022-2023,  
 AND STANDARD SPECIFICATIONS FOR ROAD AND  
 BRIDGE CONSTRUCTION DATED 2022,  
 AS AMENDED BY CONTRACT DOCUMENTS.

REVISIONS  
 HBMD PROJECT 2022-1-119

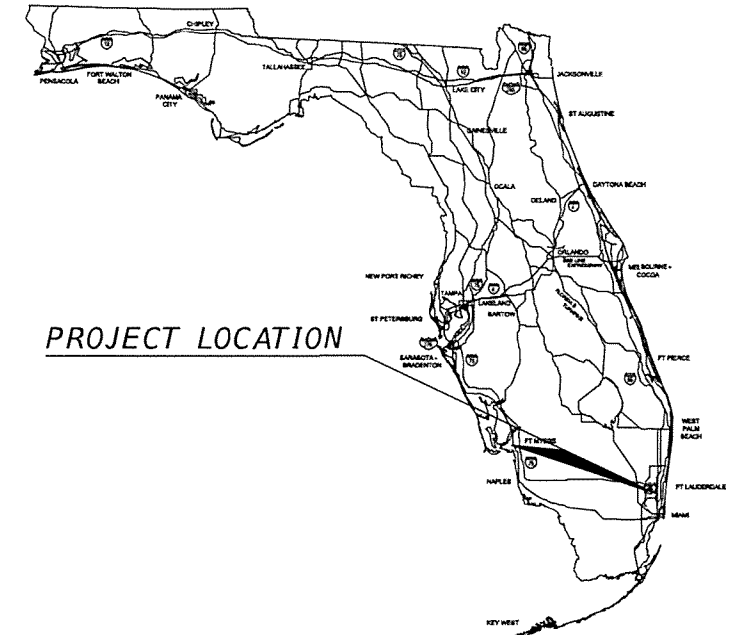
**PUBLIC WORKS DEPARTMENT**  
**HIGHWAY AND BRIDGE MAINTENANCE DIVISION**

BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS  
 MARK D. BOGEN LAMAR P. FISHER BEAM FURR STEVE GELLER JARED E. MOSKOWITZ  
 NAH H. RICH TIM RYAN MICHAEL UDINE

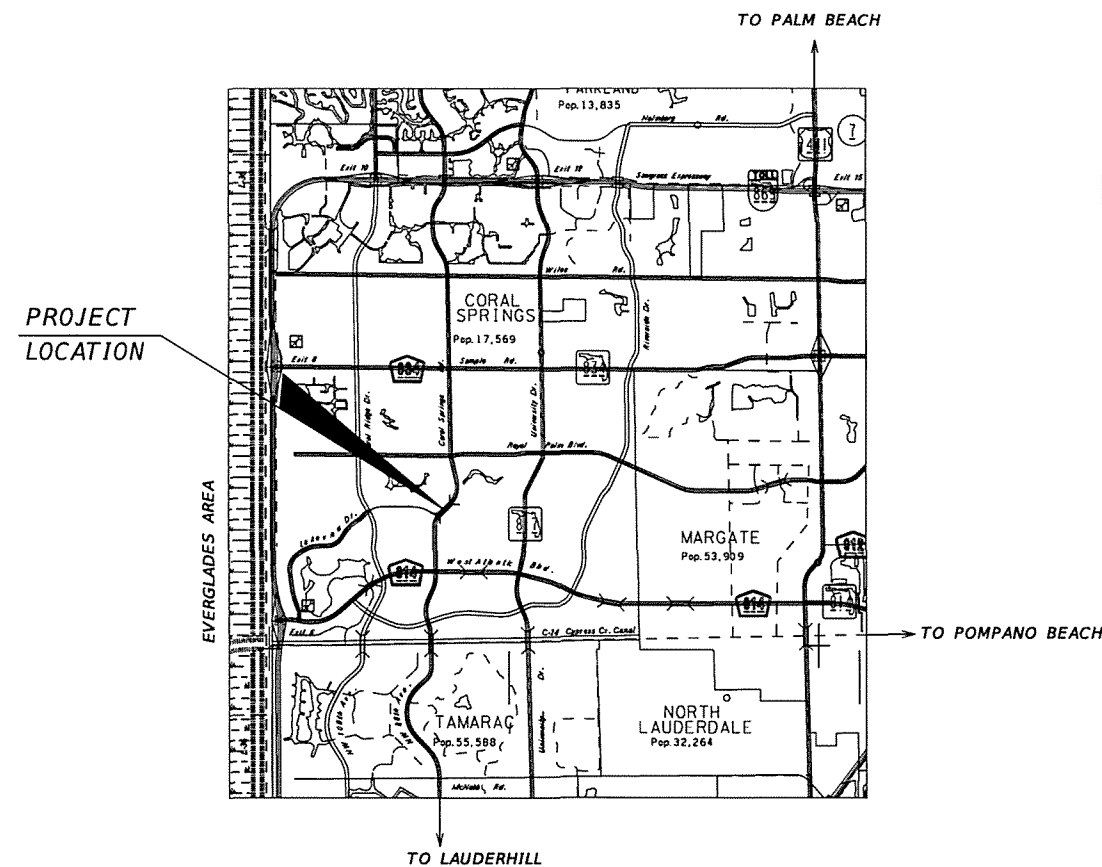
**CONTRACT PLANS**

**CORAL SPRINGS DR. OVER W. OUTFALL CANAL**  
 (Bridges No. 864005 and 864006)

HIGHWAY AND BRIDGE MAINTENANCE DIVISION PROJECT NO. 2022-1-119



PROJECT LOCATION



PLANS PREPARED BY:  
 BROWARD COUNTY PUBLIC WORKS  
 HIGHWAY AND BRIDGE MAINTENANCE DIVISION  
 1600 BLOUNT ROAD, POMPANO BEACH, FL 33069



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

OCTOBER, 2022

LENGTH OF PROJECT		
	LINEAR FEET	MILES
BRIDGE LENGTH	70	0.01326
NET LENGTH OF PROJECT	70	0.01326
EXCEPTIONS	-	-
GROSS LENGTH OF PROJECT	70	0.01326

KEY SHEET REVISIONS	
DATE	DESCRIPTION

FISCAL YEAR	SHEET NO.
22	B-1

**STANDARDS/SPECIFICATIONS:**

1. AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION, 2020.
2. FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, JANUARY 2022.
3. FDOT STANDARD PLANS FOR BRIDGE CONSTRUCTION, MAY 2022-23.
4. FHWA BRIDGE MAINTENANCE REFERENCE MANUAL, MAY 2015.
5. FDOT BRIDGE LOAD RATING MANUAL, JANUARY 2021.

**GENERAL NOTES:**

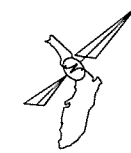
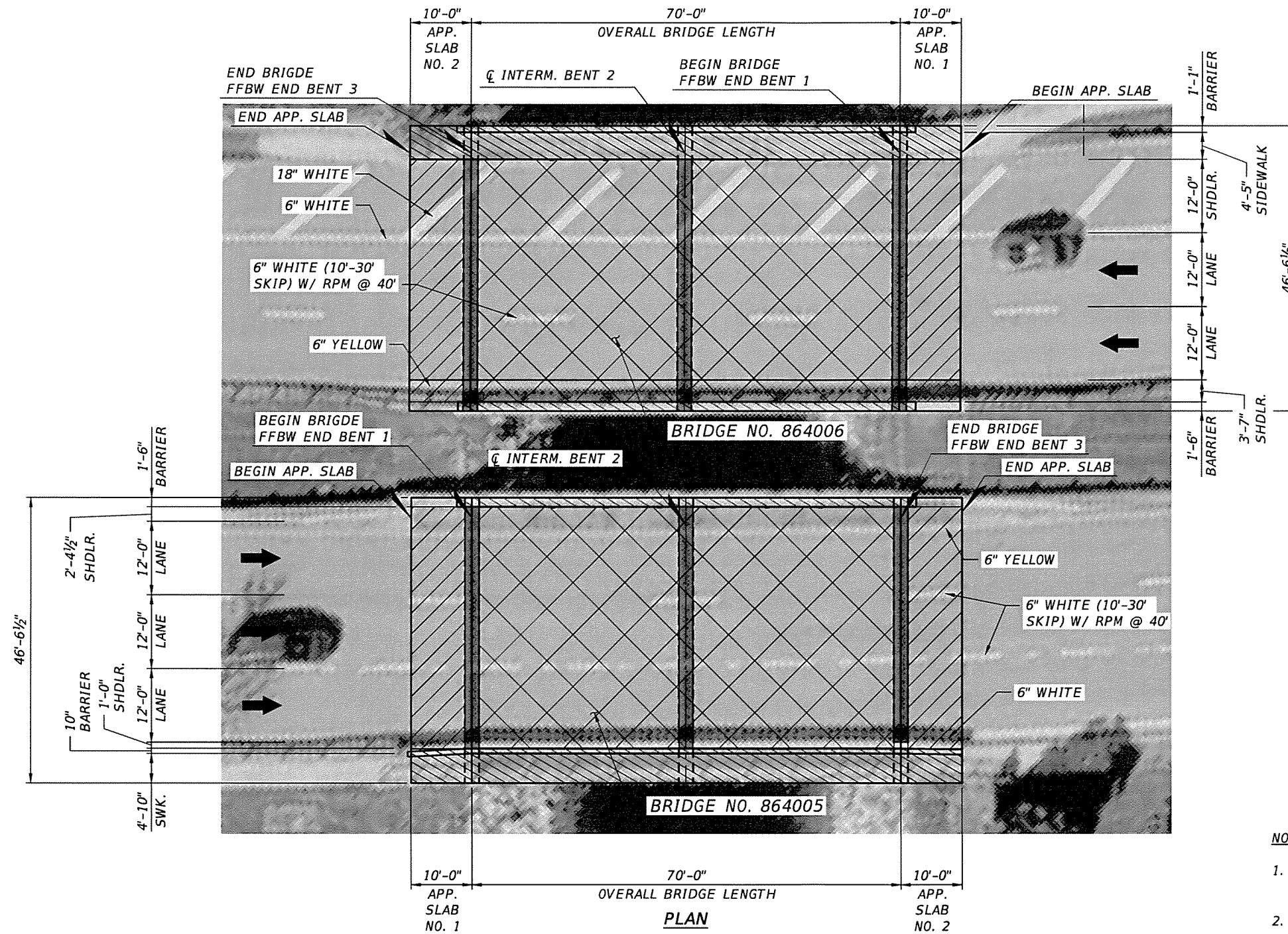
1. UNLESS OTHERWISE NOTED IN THE TECHNICAL SPECIFICATIONS: INSTALLATION, ACCEPTANCE, AND PAYMENT FOR ALL ITEMS REQUIRED IN THESE PLANS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING: MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (STANDARD SPECIFICATIONS), FDOT ROADWAY DESIGN STANDARD (STANDARD INDEXES), BROWARD COUNTY MINIMUM STANDARDS, BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS AND SPECIFICATIONS, AND ANY OR ALL BROWARD COUNTY REQUIREMENTS THAT MEET OR EXCEED THOSE FOUND IN THE ABOVE REFERENCED DOCUMENTS.
2. EXISTING DRAINAGE STRUCTURES (SCUPPERS, CURB & GUTTERS) WITHIN CONSTRUCTION LIMITS SHALL REMAIN.
3. PORTION OF UTILITIES MAY EXTEND INTO THE CONSTRUCTION ZONE. EXTREME CAUTION WILL BE NECESSARY DURING WORK AT THESE LOCATIONS, ESPECIALLY DURING GUARDRAIL INSTALLATION.
4. ALL STORM LINES AND INLETS AFFECTED BY CONSTRUCTION OR WITHIN CONSTRUCTION LIMITS SHALL BE CLEANED OF DEBRIS BEFORE CONTRACT CLOSEOUT.
5. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING PROPER DRAINAGE AND GUTTER FLOW LINE WITHIN CONSTRUCTION LIMITS.
6. EROSION AND SEDIMENTATION CONTROL PROTECTION SHALL BE PROVIDED AT ALL INLETS IMPACTED BY THE PROJECT AND BE REMOVED AT THE END OF THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS OF SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) AND FDPE (NPDES). SEDIMENT BARRIER TO BE PLACED NEXT TO THE CANAL.
7. THE EXACT LOCATION OF EXISTING UTILITIES SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR PRIOR TO BEGINNING ACTUAL CONSTRUCTION. SHOULD THERE BE UTILITY CONFLICTS, THE CONTRACTOR SHALL INFORM THE COUNTY PROJECT ENGINEER AND NOTIFY THE RESPECTIVE UTILITY OWNER TO RESOLVE ANY ADJUSTMENTS. ANY DAMAGES TO EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, SHALL BE REPAIRED BY THE CONTRACTOR AT ITS OWN EXPENSE.
8. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN INSTALLING AND BACKFILLING AROUND EXISTING UTILITIES.
9. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS A MINIMUM OF 48 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION ON JOB SITES.
10. ALL EXISTING SIGNALIZATION EQUIPMENT TO REMAIN, IS ASSUMED TO BE IN GOOD WORKING ORDER UNLESS BCTED IS NOTIFIED IN WRITING PRIOR TO THE START OF THE CONSTRUCTION. ANY SUBSEQUENT DAMAGE TO THE SIGNAL EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RESTORATION OF EXISTING PAVEMENT, UTILITIES, LANDSCAPE AREAS, AND ANY OTHER DAMAGED INFRASTRUCTURE AS A RESULT OF THE CONTRACTOR'S OPERATIONS. REPAIRS AND RESTORATION SHALL BE TO ORIGINAL CONDITION OR BETTER AT NO ADDITIONAL COST TO THE COUNTY.
12. 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, IN WRITING, WRITTEN PERMISSION FROM THE COUNTY PROJECT ENGINEER. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE COUNTY PROJECT ENGINEER SHALL ISSUE WRITTEN APPROVAL TO THE CONTRACTOR. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL.
13. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE COUNTY PROJECT ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE COUNTY PROJECT ENGINEER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL.

THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE COUNTY PROJECT ENGINEER. NOTE THAT EXISTING BRIDGE BEARINGS INCLUDE ASBESTOS, HOWEVER, THE SCOPE OF WORK INCLUDED IN THESE PLANS DOES NOT INCLUDE ANY WORK IN CLOSE VICINITY OF THE BEARINGS.

14. ANY SURVEY MONUMENT WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF ANY CONFLICT IS ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY:  
BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION  
1 N. UNIVERSITY DRIVE, SUITE 200B  
PLANTATION, FL 33324-2038  
PHONE: (954) 577-4555
15. ALL PERMANENT GRASS AREAS DAMAGED DURING CONSTRUCTION ARE TO RECEIVE A 2-IN TOP SOIL AND SOD TO MATCH EXISTING.
16. ALL TREES, BUSHES OR VEGETATION REMAIN UNLESS OTHERWISE NOTED.
17. THE MAINTENANCE OF TRAFFIC (MOT) FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE STATE OF FLORIDA MANUAL OF ROADWAYS & TRAFFIC DESIGN STANDARDS; 600 SERIES INDEX OF THE FDOT DESIGN STANDARDS CURRENT EDITION, AND THE BROWARD COUNTY TRAFFIC ENGINEERING REQUIREMENTS. THE CONTRACTOR SHALL SUBMIT MOT PLANS, APPLICABLE TO THE WORK AREAS FOR THE ROADWAY AND THE SIDEWALK, TO HIGHWAY AND BRIDGE MAINTENANCE DIVISION FOR REVIEW AND APPROVAL.
18. THE CONTRACTOR SHALL HAVE ON-SITE AND AVAILABLE FOR IMMEDIATE REFERENCE, IF REQUESTED: MOT PLANS, MOT PERMIT, PROJECT PLANS, CONTACT INFORMATION FOR PRIME CONTRACTOR (IF SUB-CONTRACTOR), COUNTY PROJECT MANAGER, AND COPY OF PRE-CONSTRUCTION CHECKLIST.
19. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES AND DRIVEWAYS AT ALL TIMES AS APPROVED BY THE COUNTY, AND THE COUNTY PROJECT ENGINEER.
20. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF BROWARD COUNTY ENGINEERING DIVISION MINIMUM STANDARDS, FDOT ROADWAY DESIGN STANDARDS, AND FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
21. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING CONCRETE FINISH. SURFACES MUST COMPLY WITH REQUIREMENTS DESCRIBED IN FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
22. PAVEMENT MARKINGS SHALL BE ALKYD BASED THERMOPLASTIC AND FULLY RETROREFLECTORIZED WITH UNIFORM REFLECTIVITY AND REFLECTIVE BEADS ACROSS THE ENTIRE STRIPE RESULTING IN A MINIMUM READING OF 250 MILLICANDELAS FOR WHITE STRIPING.
23. ANY DAMAGED PAVEMENT MARKINGS DUE TO CONSTRUCTION SHALL BE REPLACED AT CONTRACTORS EXPENSE.
24. THE MILLED SURFACE SHALL NOT BE EXPOSED TO TRAFFIC.
25. MILLINGS SHALL BE DELIVERED TO HBMD MAINTENANCE YARD AT 1600 BLOUNT ROAD MON-THURS 7:30 AM TO 4:30 PM.
26. ALL PAVEMENT MARKINGS SHALL CONFORM TO BROWARD COUNTY TRAFFIC ENGINEERING "PAVEMENT MARKINGS AND SIGN DETAILS".
27. A MAINTENANCE OF TRAFFIC PLAN MUST BE SUBMITTED AND RECEIVE APPROVAL FROM HBMD PRIOR TO STARTING WORK.
28. A MINIMUM OF ONE TRAVEL LANE MUST BE OPEN TO TRAFFIC AT ALL TIMES. FLAGGERS MUST BE PROVIDED ALLOWING FOR TWO-WAY TRAVEL.
29. PAVEMENT MARKINGS SHALL BE RESTORED PRIOR TO REOPENING TO TRAFFIC.
30. LIMITS OF MILLING & RESURFACING SHALL BE MARKED DURING THE FIELD REVIEW WITH CONTRACTOR.
31. MILLINGS SHALL NOT BE STORED WITHIN THE PROJECT LIMITS, NOR ON COUNTY RIGHT OF WAY.
32. PAVING MARKINGS SHALL BE WORKED WITH BROWARD COUNTY TRAFFIC ENGINEERING - PAVEMENT MARKINGS AND SIGNS DETAIL SHEET.
33. PRIOR TO COMMENCEMENT OF WORK ON THE UNDERSIDE OF THE BRIDGE, THE CONTRACTOR SHALL OBTAIN A ROW OCCUPANCY PERMIT FROM THE SUNSHINE WATER CONTROL DISTRICT.

Bridge Nos. 864005 and 864006

REVISIONS					BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION 1600 BLOUNT ROAD POMPANNO BEACH, FL 33069		BRIDGE REPAIRS		CORAL SPRINGS DR. OVER W. OUTFALL CANAL	SHEET NO.
DATE	NO.	REMARKS	BY	DATE			ROAD	HBMD PROJ. NO.		
							CORAL SPRINGS DR.	2022-1-119	GENERAL NOTES	B-2



**NOTES:**

1. NEW ASPHALT PAVEMENT SHALL MATCH EXISTING GRADES AND ELEVATIONS.
2. MILL FULL DEPTH (2½" FOR BRIDGE 864005 AND 3" FOR BRIDGE 864006, DETERMINED BASED ON FIELD MEASUREMENT) EXISTING ASPHALT OVERLAY ON TOP OF BRIDGE SLAB UNITS AND APPROACH SLABS.
3. FOR BRIDGE AND APPROACH SLABS, PAVE NEW ASPHALT OVERLAY CONCRETE FRICTION COURSE (1"), TRAFFIC C, FC-9.5, PG 76-22 AND SUPERPACE ASPHALTIC CONCRETE, TRAFFIC C, PG 76-22 (1" ON BRIDGE SLABS AND APPROACH SLABS).
4. FOR PAVEMENT MARKING DETAILS, MATCH EXISTING.

Bridge Nos. 864005 and 864006

**LEGEND:**

- MILLING TO TOP OF CONCRETE APPROACH SLAB AND RESURFACING (NO WATERPROOFING AND DEPTH TO MATCH EXISTING).
- MILLING TO TOP OF CONCRETE DECK, WATERPROOFING MEMBRANE INSTALLATION & RESURFACING (DEPTH TO MATCH EXISTING).
- POWERWASHING & APPLICATION OF HIGH MOLECULAR WEIGHT METHACRYLATES.
- REMOVE EXISTING EXPANSION JOINT INCLUDING POLYMER NOSING, SAWCUT FULL DEPTH NEW ASPHALT OVERLAY TO ACCOMODATE NEW EXPANSION JOINT NOSING AND INSTALL NEW EXPANSION JOINT INCLUDING POLYMER NOSING.

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
ROADWAY PLAN	

SHEET NO.
B-3



**NOTES:**

1. SIDEWALK RAMPS SHALL BE PROVIDED IN ACCORDANCE WITH FDOT INDEX 522-002 "DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS".
2. THE VERTICAL DEVIATION FOR A NEW SIDEWALK SHALL NOT BE MORE THAN 1/2". STAMPED CONCRETE IS NOT ALLOWED IN LIEU OF TRUNCATED DOMES.
3. SIDEWALKS SHALL BE CONSTRUCTED OF 6" THICK CONCRETE (CLASS NS) 3000 PSI MIN. 28-DAY COMPRESSIVE STRENGTH.
4. ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES, INCLUDING TROPICAL SODA APPLE, SHALL BE REJECTED FOR USE ON THE PROJECT.
5. PLACEMENT OF ROOT BARRIERS AROUND TREES SHOULD BE 15' TO EACH SIDE OF TREES.
6. THE CONTRACTOR SHALL FOLLOW PROPER ROOT TRIMMING AS PER ARBORIST RECOMMENDATION.
7. THE CONTRACTOR SHALL NOTIFY DESIGNATED INSPECTOR WITH AMPLE NOTICE TO INSPECT FORMS PRIOR TO PLACING CONCRETE. CONCRETE PLACED WITHOUT A FORM INSPECTION SATISFACTORY COMPLETED IS AT CONTRACTOR'S OWN RISK AND ANY REWORK NECESSARY TO RECTIFY DEFICIENCIES WILL BE AT CONTRACTOR'S COST TO FIX.
8. BASES: LIMEROCK OF THE MIAMI FORMATION SHALL BE USED, HAVING A MINIMUM PERCENTAGE OF CARBONATES OF CALCIUM AND MAGNESIUM OF 70%, AND A MINIMUM LBR OF 100. LIMEROCK BASES SHALL BE TWELVE (12) INCH THICK CONSTRUCTED IN LIFTS NOT TO EXCEED SIX (6) INCHES. BASE MATERIAL SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 98% OF MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-180. ALTERNATIVE BASE MATERIALS MAY PROPOSED FOR USE IN LIEU OF LIMEROCK; SUCH PROPOSAL SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

Bridge Nos. 864005 and 864006

REVISIONS					BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION 1600 BLOUNT ROAD POMPANO BEACH, FL 33069		BRIDGE REPAIRS		CORAL SPRINGS DR. OVER W. OUTFALL CANAL	SHEET NO.  B-4
DATE	NO.	REMARKS	BY	DATE			ROAD	HBMD PROJ. NO.		
							CORAL SPRINGS DR.	2022-1-119	SIDEWALK RAMPS DETAILS	

**MATERIAL NOTES**

**CFRP LAMINATES:**

Carbon Fiber Fabric	Renewwrap EST CF600	Sikagard Hex 103C	Tyfo SCH-41
Laminating Epoxy	Renewwrap ESR Saturant	Sikagard Hex 300	Tyfo S
UV Coating	Sikagard 670 W (Gray Color)	Sikagard 670 W (Gray Color)	Tyfo A Paint

MATERIALS AND INSTALLATION SHALL CONFORM TO THE TECHNICAL SPECIAL PROVISIONS (TSP) T100 AND NCHRP 609 ATTACHMENT A. BOTH FIBER AND EPOXY MUST COME FROM THE SAME MANUFACTURER.

1 PLY CFRP LAMINATE QUANTITY			
LENGTH (FT.)	WIDTH (FT.)	No. OF LAMINATES	QUANTITY (SQFT.)
12.00	2.083	24	599.90
10.00	2.083	8	166.67
TOTAL CFRP QUANTITIES			766.57

**CONCRETE PATCHING:**

Material Type	Compressive Strength, PSI		
	1 Day	7 Days	28 Days
Planitop XS	3000	4000	5000
MasterEmaco S 440CI	2500	5300	6500
Sika-Repair 223	3500	6000	7500

**DOWEL STEEL BAR:**

DOWEL STEEL BARS SHALL BE GRADE 60 IN ACCORDANCE WITH ASTM A955/A955M-20 STANDARD SPECIFICATIONS FOR DEFORMED STAINLESS STEEL BARS FOR CONCRETE REINFORCEMENT.

SS. DOWEL BAR QUANTITY						
BAR NAME	BAR SIZE	LENGTH		No. OF BARS	QUANTITY (FT.)	TYPE
		FT	IN			
6A1	#6	11	9	16	188.0	TYPE 1
6A2	#6	12	0	32	384.0	TYPE 1
6A3	#6	9	9	16	156.0	TYPE 1
4A4	#4	4	0	35	140.0	TYPE II
TOTAL BAR QUANTITIES					868.0	

**BONDING EPOXY:**

Structural Adhesive	Horizontal & Vertical Application	Overhead Application	Underwater Application
	Dayton Superior Sure Anchor I J51	Sikadur 31 Hi-Mod Gel	Pilgrim Magmaflow Type K
	ET-HP Epoxy	Euclid Chemical Dural 452 Gel	
Pilgrim RS-600			

**WATERPROOFING MEMBRANE:**

WATERPROOFING MEMBRANE SHALL CONFORM WITH FDOT SPECIFICATION SECTION 518 "PAVEMENT WATERPROOFING FABRIC" DATED 2000, LOCATED AT:  
<https://www.fdot.gov/docs/default-source/programmanagement/Implemented/SpecBooks/2000/Files/2000Book.pdf>  
 AND MANUFACTURER'S SPECIFICATION.

Waterproofing Membrane	Polyguard NW-75
	Crafco PavePrep SA CRA
	MEL-DEK SealTight

**QUANTITIES**

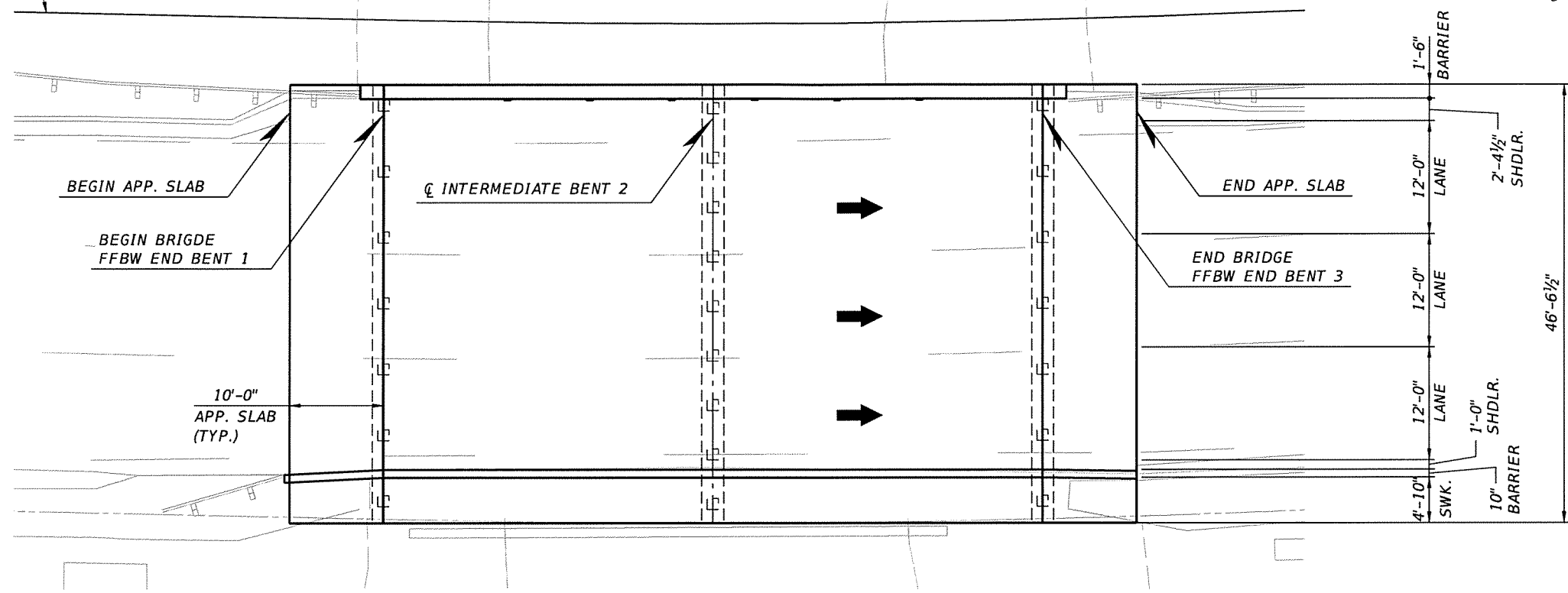
PAY ITEM QUANTITIES - BRIDGE 8640005			
Item No.	Description	Quantity	Unit
1	FDOT PAY ITEM 101-1: MOBILIZATION, NIGHT WORK	1	EACH
5	FDOT PAY ITEM 102-14: TRAFFIC CONTROL OFFICER	208	HOURLY
6	FDOT PAY ITEM 102-60: WORK ZONE SIGNS, F & I	192	DAY
10	FDOT PAY ITEM 102-71-1B: BARRIER WALL, TEMPORARY, F&I, WATERFILLED, UP TO 30 DAYS	90	LINEAR FOOT
16	FDOT PAY ITEM 102-74-1: CHANNELIZING DEVICE, TYPES I, II, DI, VP, DRUM, OR LCD, F & I	3115	DAY
24	FDOT PAY ITEM 102-76: ARROW BOARD / ADVANCE WARNING ARROW PANEL, F & I	26	DAY
26	FDOT PAY ITEM 102-99: PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY, F & I	151	DAY
36	FDOT PAY ITEM 104-11: FLOATING TURBIDITY BARRIER	70	LINEAR FOOT
45	FDOT PAY ITEM 110-3-5: REMOVAL OF EXISTING BRIDGE JOINT	125	LINEAR FOOT
49	FDOT PAY ITEM 110-4-10A: REMOVAL OF EXISTING CONCRETE-SIDEWALK, PAVEMENT OR SLOPE PAVEMENT ANY THICKNESS	234	SQUARE YARD
68	FDOT PAY ITEM 173-71: DRILLING HOLES FOR PRESSURE GROUTING FOR PIPE UP TO 4 INCH INSIDE DIA	9	LINEAR FOOT
69	FDOT PAY ITEM 173-76: GROUT PIPE INSTALLATION UP TO 4 IN. INSIDE DIA	2	LINEAR FOOT
81	FDOT PAY ITEM 327-70-8: MILLING EXIST ASPH PAVT, 2 1/2 IN AVG DEPTH	394	SQUARE YARD
88	FDOT PAY ITEM 334-1-52, 334-1-53, 334-1-54, OR 334-1-55: SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, C, D, OR E, PG 76-22	55	TONS
89	FDOT PAY ITEM 337-7-80, 337-7-81, 337-7-82, 337-7-83, 337-7-85, OR 337-7-88: ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, C, D, OR E, FC-9.5, FC-12.5 PG 76-22	55	TONS
99	FDOT ITEM # N/A: PAVEMENT WATERPROOFING FABRIC	3911	SQUARE FOOT
129	FDOT PAY ITEM N/A: STAINLESS STEEL DOWEL (LF)	868	LINEAR FOOT
155	FDOT PAY ITEM 400-145B: CLEANING CONCRETE SURFACE, EQUAL OR GREATER THAN 500 SF	395	SQUARE FOOT
158	FDOT PAY ITEM 400-148: PLAIN NEOPRENE BEARING PADS	5	CUBIC FOOT
160	FDOT PAY ITEM 401-70-1B: RESTORE SPALLED AREAS, STRUCTURES, TYPE F-1 EPOXY	9	CUBIC FOOT
165	FDOT PAY ITEM 413-154A: CLEANING AND SEALING CONCRETE SURFACES: METHACRYLATES, EQUAL OR GREATER THAN 500 SF	4285	SQUARE FOOT
188	FDOT PAY ITEM 458-1-21A: BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD (TYPE D SILICONE)	125	LINEAR FOOT
192	FDOT PAY ITEM 458-2: POLYMER NOSING (XJS SYSTEMS) FOR BRIDGE DECK EXPANSION JOINT WITH POURED JOINT WITH BACKER ROD	29	CUBIC FOOT
227	FDOT PAY ITEM N/A: CARBON FIBER REINFORCED POLYMER (CFRP) LAMINATE FOR STRUCTURES OVER WATER	767	SQUARE FOOT
250	FDOT PAY ITEM N/A: ADA COMPLIANT CURB RAMP, SINGLE DIRECTION	2	EACH
251	FDOT PAY ITEM N/A: ADA COMPLIANT CURB RAMP, TWO-DIRECTION	3	EACH
252	FDOT PAY ITEM N/A: DETECTABLE WARNING ON EXISTING WALKING SURFACE, CAST-IN-PLACE, F & I	70	SQUARE YARD
374	FDOT PAY ITEM 706-1-1: RETRO-REFLECTIVE PAVEMENT MARKERS	8	SQUARE YARD
375	FDOT PAY ITEM 710-11-101, 710-11-201, OR 710-11-421: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YELLOW, OR BLUE, SOLID, 6 IN	180	LINEAR FOOT
380	FDOT PAY ITEM 710-11-131 OR 710-11-231: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE OR YELLOW, SKIP, 10-30 OR 3-9 SKIP, 6 IN WIDE	180	LINEAR FOOT
385	FDOT PAY ITEM 711-16-101 OR 711-16-201: THERMOPLASTIC, STANDARD, WHITE OR YELLOW, SOLID, 6 IN	180	LINEAR FOOT
390	FDOT PAY ITEM 711-16-131 OR 711-16-231: THERMOPLASTIC, STANDARD, WHITE OR YELLOW, SKIP, 10-30 OR 3-9 SKIP, 6 IN	180	LINEAR FOOT
415	FDOT PAY ITEM N/A: WORK SKIFF	42	DAY
430	FDOT PAY ITEM N/A: PORTABLE TOILET, SINGLE STALL	13	WEEK
431	FDOT PAY ITEM N/A: LIGHT TOWER, AMIDA/TEREX AL4000 OR EQUIVALENT	24	DAY
437	PASS-THRU: PERMITS AND FEES	1	EACH

Bridge No. 864005

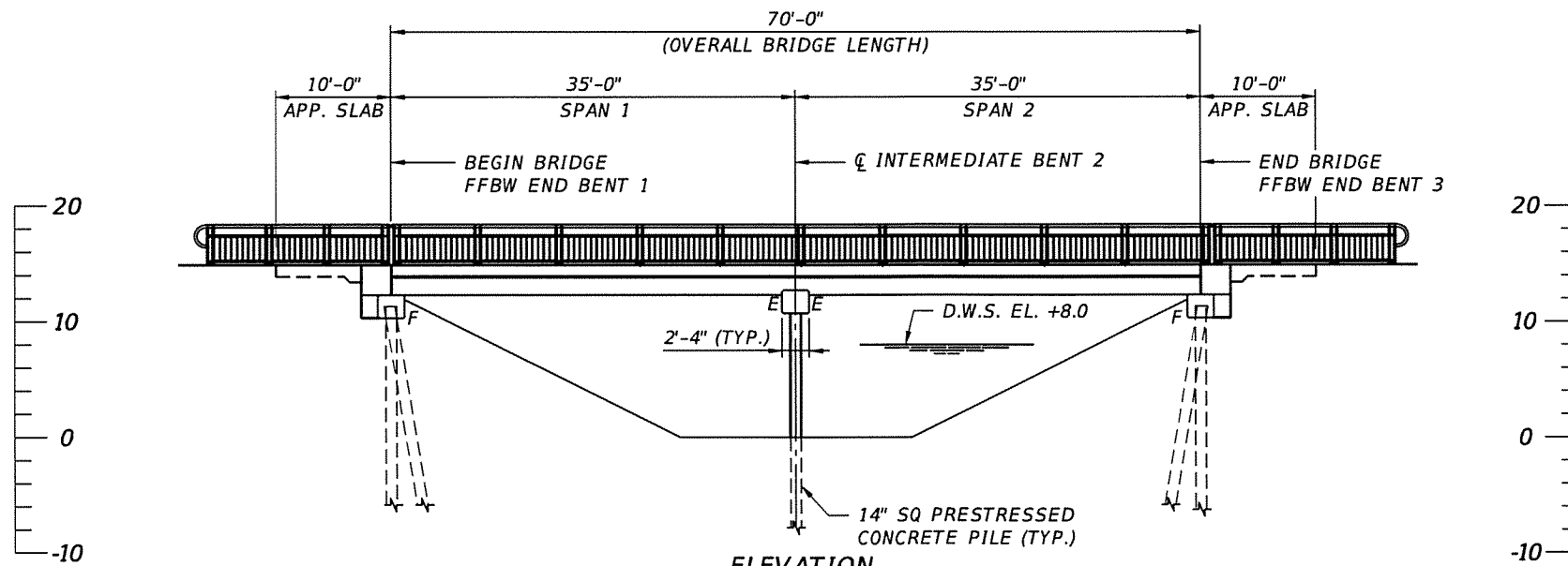
REVISIONS					BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION 1600 BLOUNT ROAD POMPANO BEACH, FL 33069		BRIDGE REPAIRS		CORAL SPRINGS DR. OVER W. OUTFALL CANAL		SHEET NO.
DATE	NO.	REMARKS	BY	DATE			ROAD	HBMD PROJ. NO.	SUMMARY OF QUANTITIES AND MATERIAL NOTES		
									CORAL SPRINGS DR.	2022-1-119	



CL CORAL SPRINGS DR.



PLAN



ELEVATION

NOTES:

1. UTILITIES ARE NOT SHOWN FOR CLARITY.
2. AS BUILTS PLANS WERE NOT FOUND. DIMENSIONS SHALL BE FIELD VERIFY AS NEEDED.
3. FOR LIMITS OF MILLING, RESURFACING AND PAVEMENT MARKINGS, REFER TO ROADWAY PLAN SHEET.
4. FOR TRAFFIC MARKINGS, MATCH EXISTING. FOR TRAFFIC MARKINGS DETAILS, REFER TO PAVEMENT MARKINGS AND SIGNS PLAN OF BROWARD COUNTY.

Bridge No. 864005

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



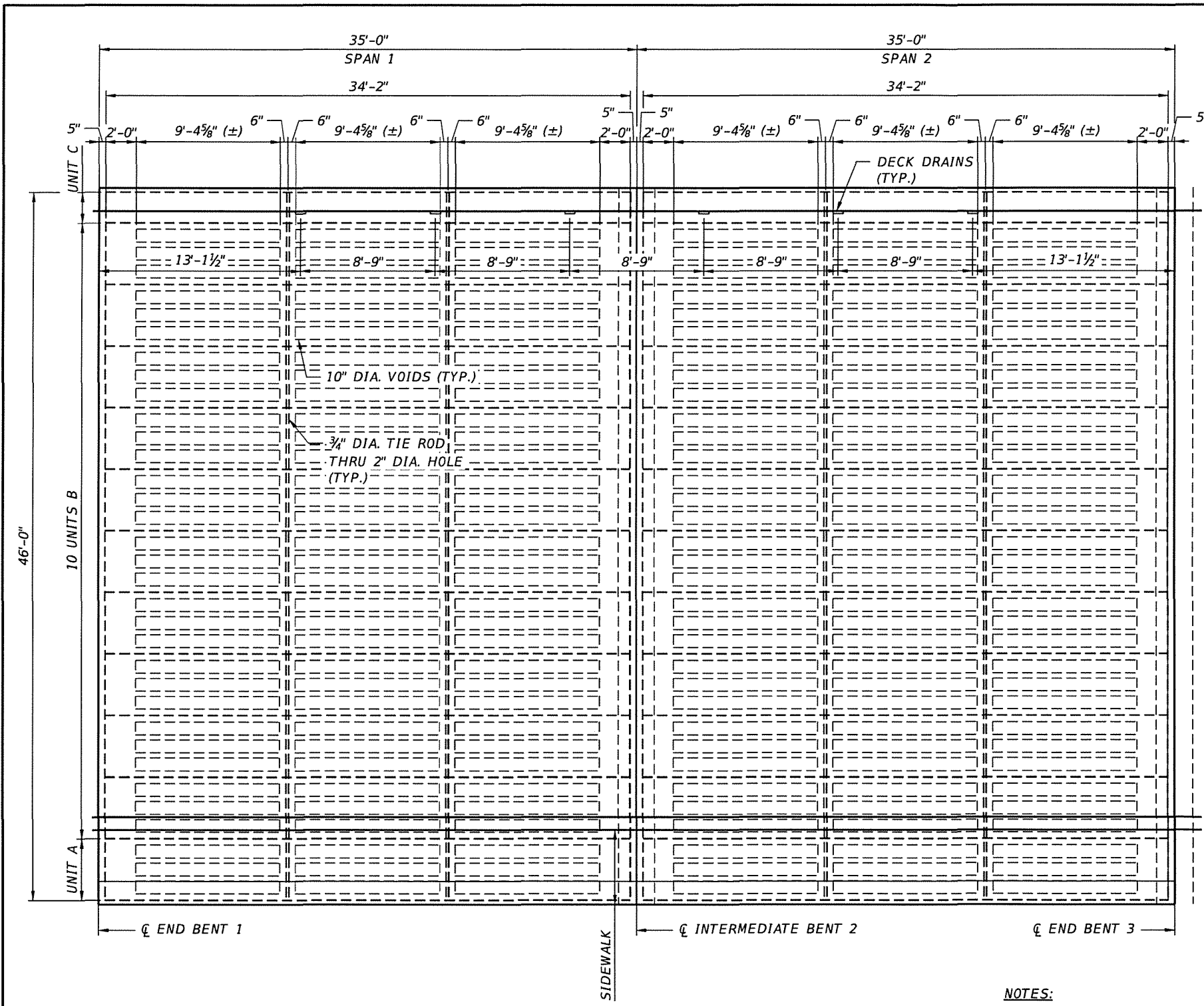
BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL

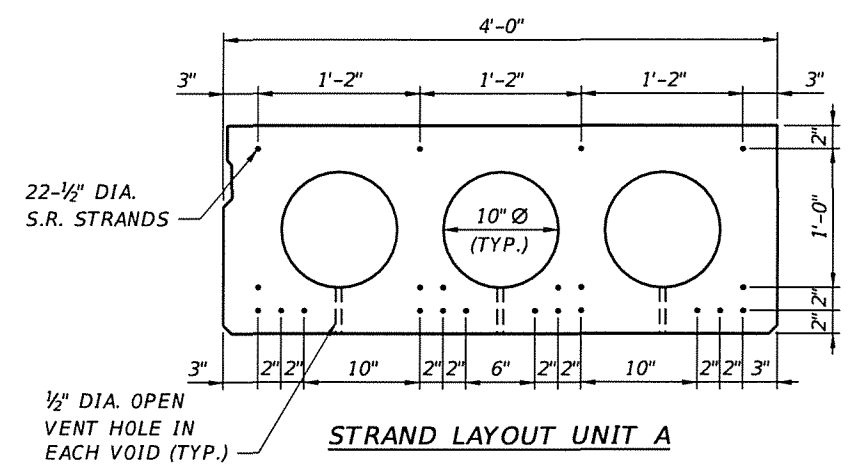
PLAN AND ELEVATION

SHEET NO.

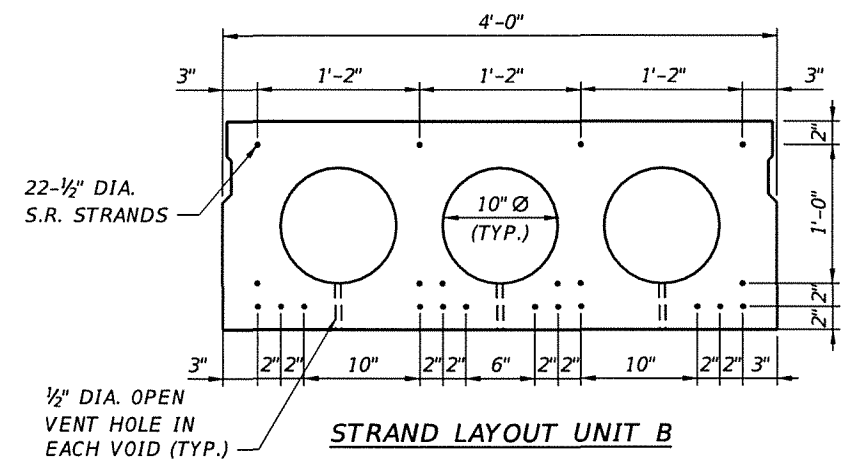
B1-2



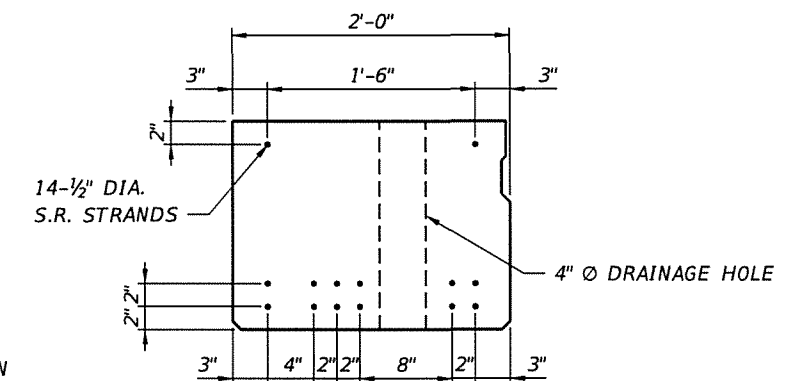
**PLAN**



**STRAND LAYOUT UNIT A**



**STRAND LAYOUT UNIT B**



**STRAND LAYOUT UNIT C**

**NOTES:**

1. STRAND SPACING SHOWN IS BASED ON AVAILABLE EXISTING PLANS FOR TWIN BRIDGE 864006, ACTUAL STRAND SPACING MAY DIFFER.
2. THE NUMBER AND LOCATION OF DECK DRAINS ON BRIDGE 864005 SHALL BE FIELD VERIFIED UPON REMOVAL OF ASPHALT OVERLAY.

Bridge No. 864005

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

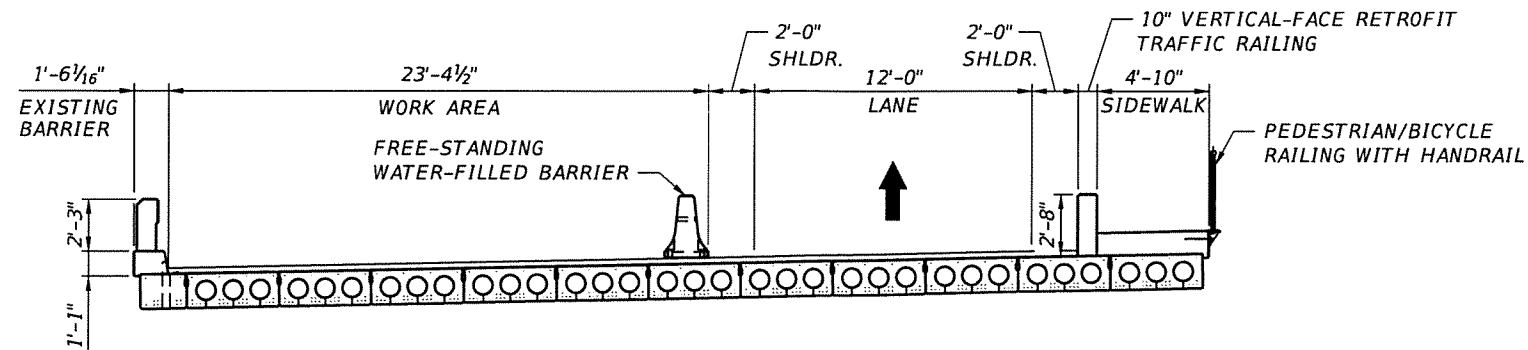
BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



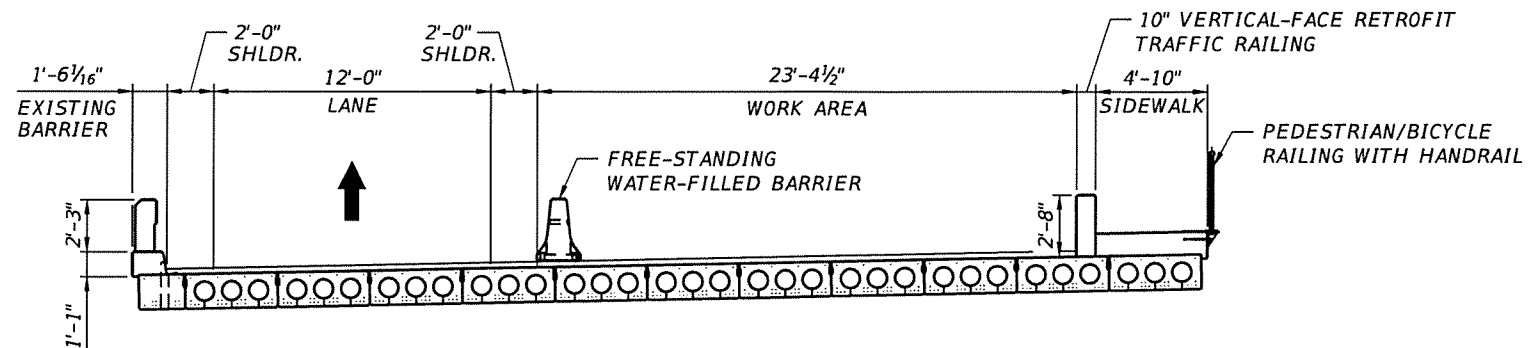
BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
PRESTRESSED SLAB UNIT LAYOUT PLAN	

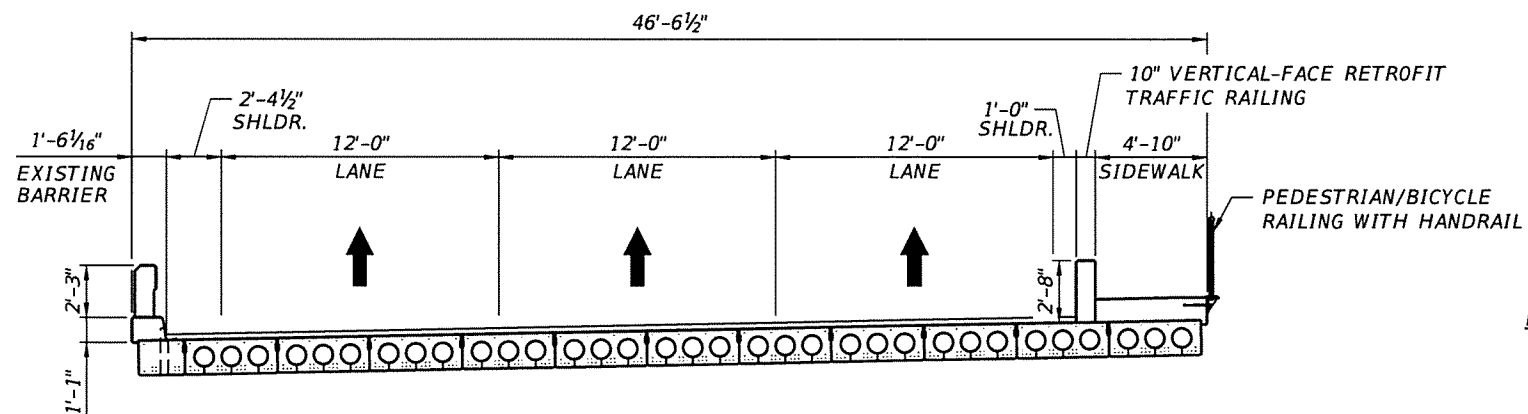
SHEET NO.
B1-3



**TYPICAL SECTION**  
(PHASE I)



**TYPICAL SECTION**  
(PHASE II)



**TYPICAL SECTION**  
(FINAL)

**NOTES:**

1. REFER TO FDOT STANDARD PLANS INDEX 102-613 "MULTILANE ROADWAY, LANE CLOSURES."
2. REFER TO FDOT STANDARD PLANS INDEX 102-600 "GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES". FOR GENERAL TRAFFIC GUIDELINES AND STANDARDS.
3. FOR BOTH PHASES, MILL EXISTING ASPHALT OVERLAY, INSTALL WATERPROOFING MEMBRANE, AND PAVE NEW ASPHALT OVERLAY, SEE DECK WATERPROOFING PROCEDURE SHEET AND ROADWAY PLAN SHEET FOR DETAILS.
4. CONTRACTOR SHALL NOTIFY ENGINEER AT A MINIMUM 2 WEEKS PRIOR TO LANE CLOSURES.

Bridge No. 864005

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

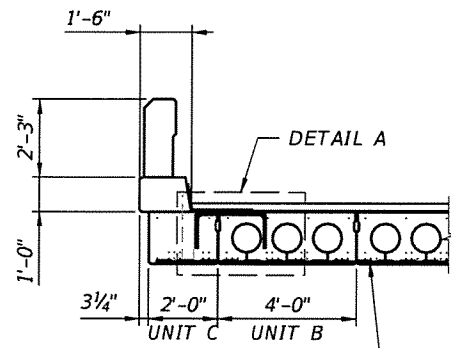
BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
CONSTRUCTION SEQUENCE	

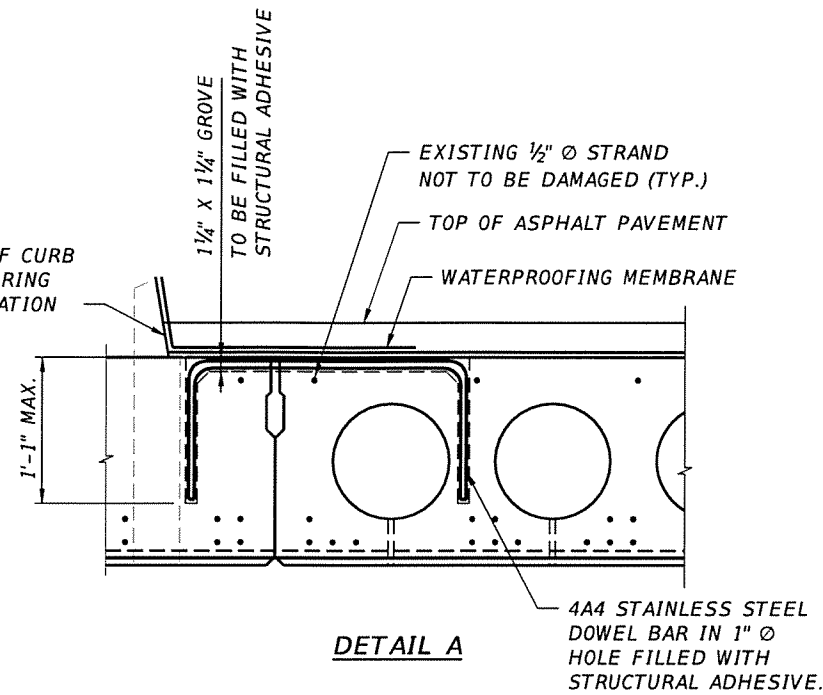
SHEET NO.
B1-4



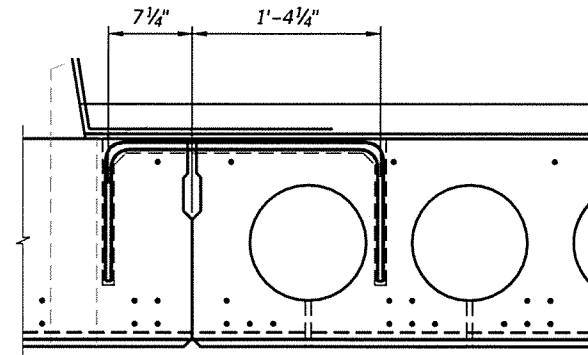
**SECTION**

4A4 S.S. BAR IN 1 1/4" GROOVE AND CFRP LAMINATE, SEE UNDERDECK STRENGTHENING PROCEDURE SHEET.

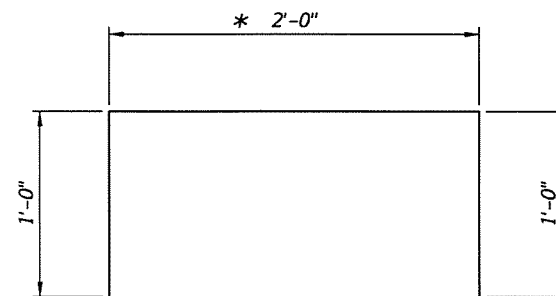
REPAIR EDGE OF CURB IF DAMAGED DURING DOWEL INSTALLATION



**DETAIL A**



**DETAIL A**



**BAR BENDING DETAIL**

TYPE 11  
4A4 DOWEL BAR

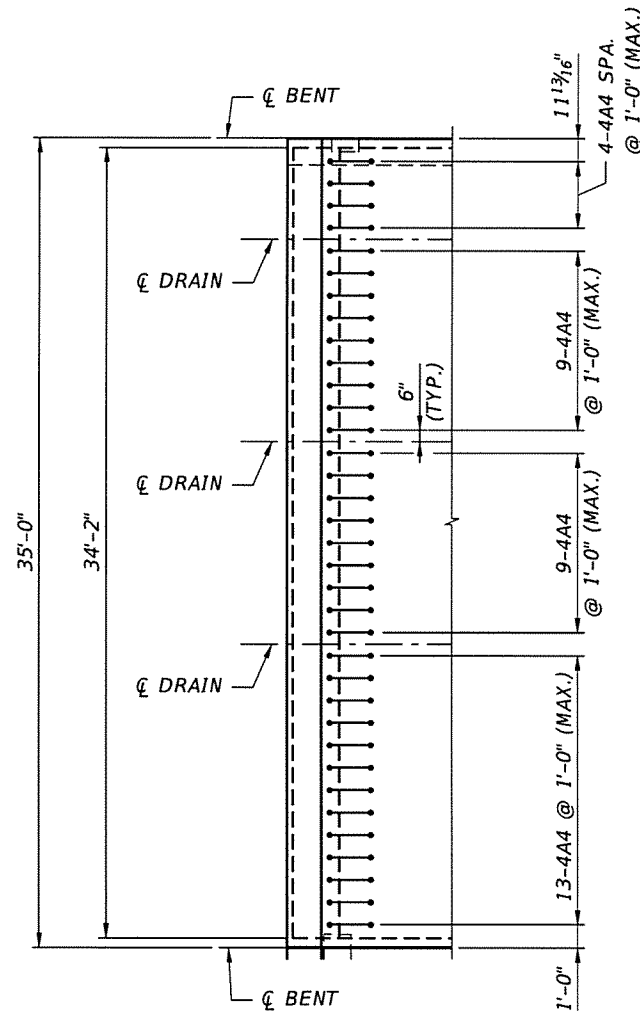
\* FIELD ADJUST AS REQUIRED TO AVOID CONFLICT WITH EXISTING STRANDS

**NOTES:**

1. CONTRACTOR TO NOTIFY ENGINEER AFTER ASPHALT HAS BEEN REMOVED. ENGINEER TO MARK LOCATION OF EXISTING REINFORCEMENT AND VERIFY DOWEL LAYOUT PRIOR TO DRILLING.
2. NO DRILLING OR CUTTING IS ALLOWED UNTIL CONCRETE COVER TO EXISTING STRANDS HAS BEEN FIELD VERIFIED BY THE ENGINEER.
3. TOP OF DECK DOWEL INSTALLATION SHALL BE COMPLETED PRIOR TO WATERPROOFING MEMBRANE INSTALLATION.
4. SHIFT DOWEL HOLE LOCATIONS IF EXISTING REINFORCING STEEL IS ENCOUNTERED. FILL UNUSED DRILLED HOLES WITH EPOXY. DOWEL SPACING TO BE FIELD ADJUSTED TO AVOID CONFLICTS AS REQUIRED, PROVIDED TOTAL NUMBER OF DOWELS IS MAINTAINED. CUTTING OF GROOVES SHALL ONLY OCCUR AFTER HOLES HAVE BEEN DRILLED AT FINAL LOCATIONS.

**PROCEDURE:**

1. MILL EXISTING ASPHALT OVERLAY TO TOP OF DECK. DO NOT DAMAGE THE TOPS OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS. CONTRACTOR TO NOTIFY ENGINEER AFTER ASPHALT OVERLAY HAS BEEN REMOVED AND VERIFY THICKNESS OF EXISTING ASPHALT.
2. REPAIR ALL DELAMINATIONS AND SPALLS ON THE TOPS OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS, AS PER DETAILS ON SPALL AND CRACK REPAIR DETAILS SHEET .
3. DRILL HOLES AND CUT GROOVES TO RECEIVE #4 STAINLESS STEEL DOWEL BARS BETWEEN EXTERIOR SLAB UNIT C AND FIRST INTERIOR SLAB UNIT B.
4. FILL HOLES AND GROOVES WITH EPOXY.
5. CLEAN DECK SURFACE TO REMOVE DUST AND OTHER DELETERIOUS MATERIAL.
6. REFER TO NOTES ON DECK WATERPROOFING PROCEDURE SHEET.



**PARTIAL DECK PLAN**

Bridge No. 864005

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

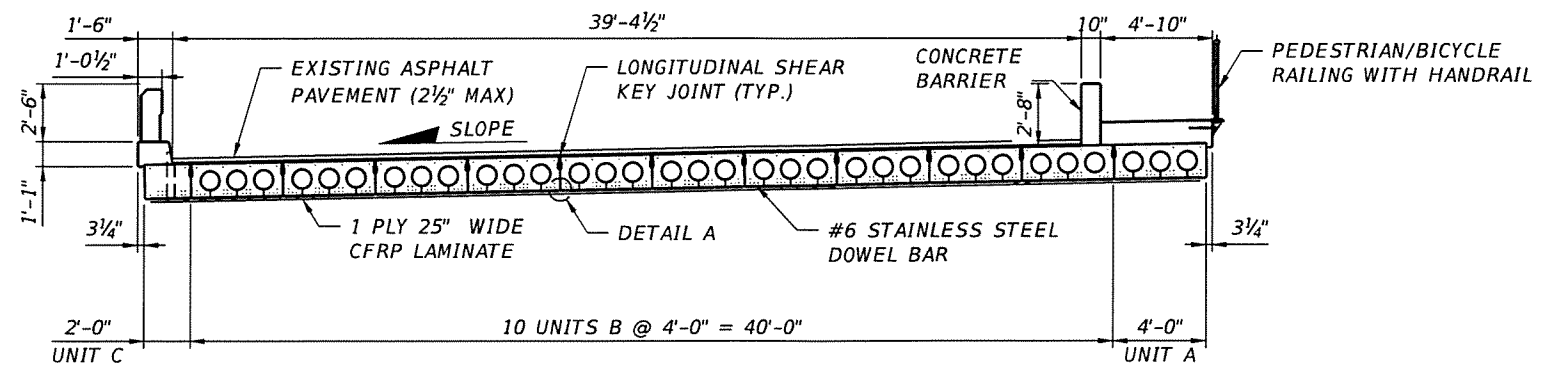
BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



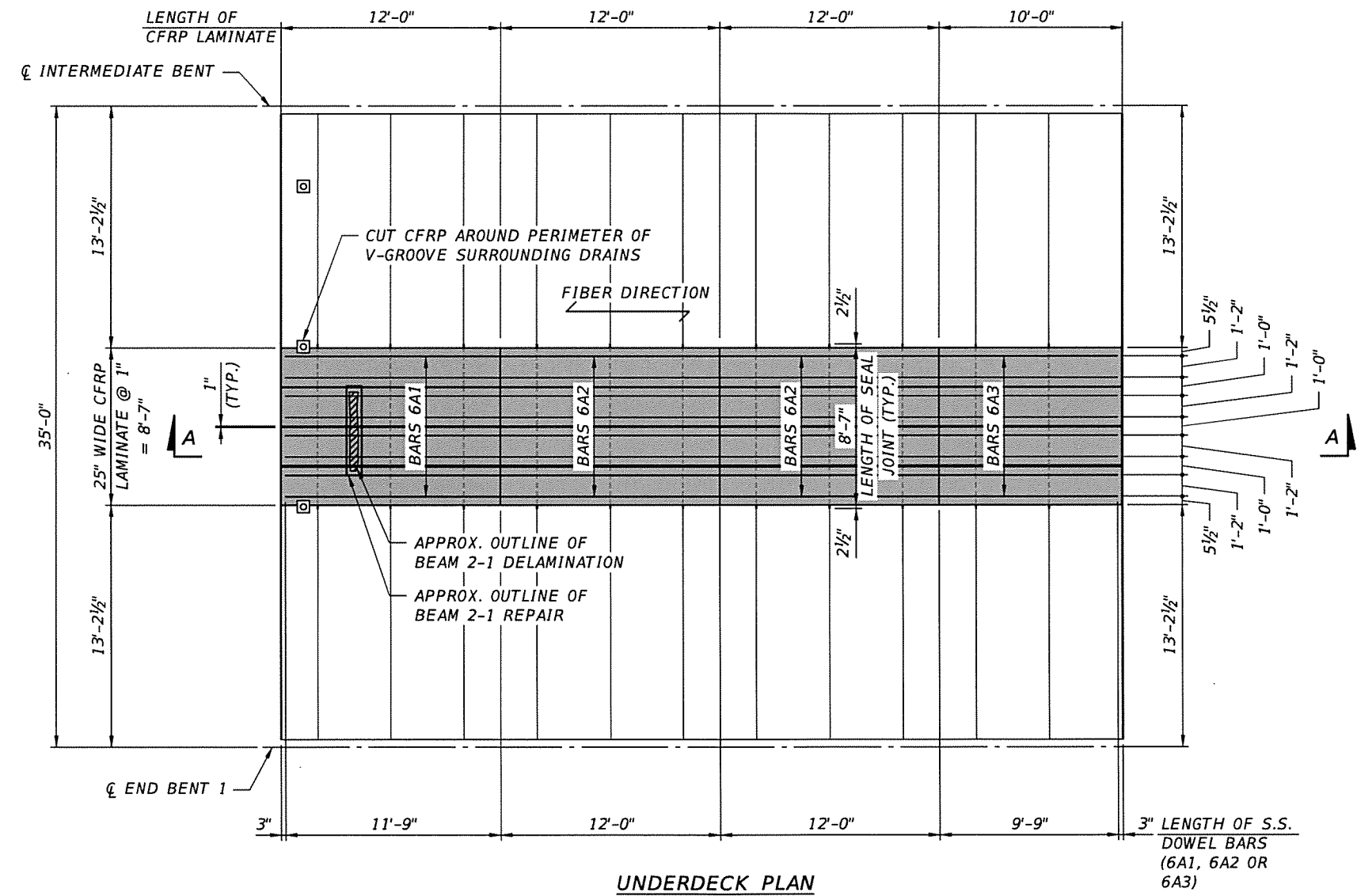
BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
TOP OF DECK STRENGTHENING PROCEDURE	

SHEET NO.
B1-5



SECTION A-A



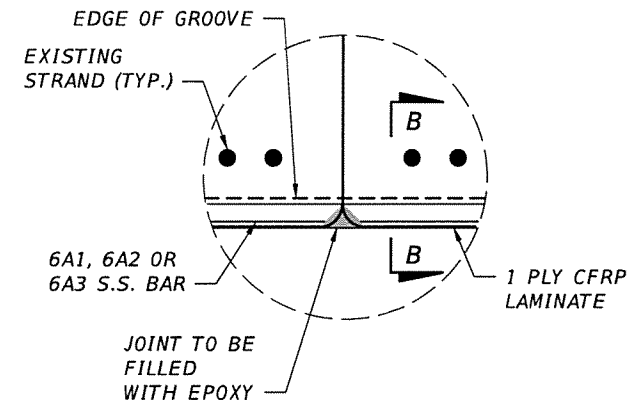
UNDERDECK PLAN  
(SPAN 1 SHOWN, SPAN 2 SIMILAR)

NOTES:

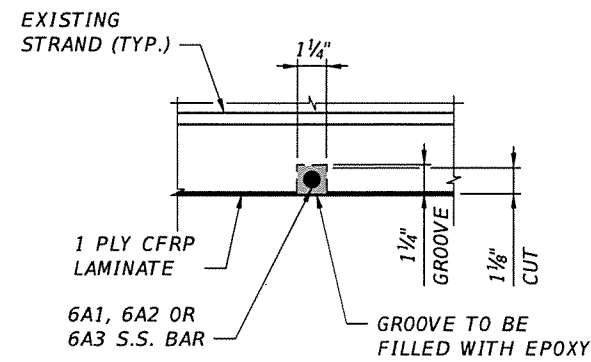
1. FOR DETAIL A SEE UNDERDECK STRENGTHENING PROCEDURE (2 OF 2) SHEET.
2. FOR ADDITIONAL NOTES SEE UNDERDECK STRENGTHENING PROCEDURE (2 OF 2) SHEET.
3. CFRP LAMINATE WIDTH VARIES BASED ON MANUFACTURER. CONTRACTOR TO NOTIFY ENGINEER OF FINAL CFRP MANUFACTURER SELECTION SO 25" WIDTH MAY BE ADJUSTED ACCORDINGLY.
4. FOR DELAMINATION REPAIR, SEE SPALL & CRACK REPAIR DETAILS AND CONSTRUCTION DETAILS SHEETS.

Bridge No. 864005

REVISIONS					BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION 1600 BLOUNT ROAD POMPANO BEACH, FL 33069		BRIDGE REPAIRS		CORAL SPRINGS DR. OVER W. OUTFALL CANAL	SHEET NO. B1-6
DATE	NO.	REMARKS	BY	DATE			ROAD	HBMD PROJ. NO.		
							CORAL SPRINGS DR.	2022-1-119	UNDERDECK STRENGTHENING PROCEDURE (1 OF 2)	



**DETAIL A**



**SECTION B-B**

**NOTES:**

1. CONTRACTOR TO NOTIFY ENGINEER AFTER THE LOCATION OF GROOVES HAS BEEN STRING LINED FOR APPROVAL BY THE ENGINEER.
2. NO CUTTING IS ALLOWED UNTIL CONCRETE COVER TO EXISTING STRANDS HAS BEEN FIELD VERIFIED BY THE ENGINEER.
3. THE 1/8" DEEP CUT AS SHOWN ON THIS SHEET MAY BE ADJUSTED BY THE ENGINEER BASED ON FIELD COVER MEASUREMENTS.

**PROCEDURE:**

1. SAWCUT (8) TRANSVERSE 1/4"x1/8" GROOVES BY WAY OF 2 ADJACENT SAWCUTS AND CHIP OUT INTERSTITIAL CONCRETE BETWEEN SAWCUTS TO ACHIEVE A FINAL 1/4" DEPTH. CIRCULAR SAW TO BE MOUNTED ON STEEL TRACKS ALONG THE GROOVE PATH.
2. CLEAN GROOVES THOROUGHLY OF DIRT AND DUST WITH HIGH PRESSURE AIR COMPRESSOR.
3. PLACE #6 STAINLESS STEEL DOWEL BARS (6A1, 6A2 or 6A3) CENTERED WITHIN THE GROOVES. USE STAINLESS STEEL SELF DRILLING SCREWS TO SECURE THE BARS.
4. DOWEL BARS SHALL NOT BUTT UP AGAINST STRANDS. IN CASES WHERE DOWEL BARS MUST BUTT UP AGAINST STRANDS, SEPERATE DOWEL BARS FROM STRANDS WITH DIELECTRIC TAPE.
5. INSERT EPOXY TO FILL ALL EMPTY SPACE WITHIN THE GROOVES, ALL AROUND THE STAINLESS STEEL DOWELS.
6. FILL LONGITUDINAL JOINTS BETWEEN SLAB UNITS WITH EPOXY TO THE LIMITS SHOWN IN THESE PLANS.
7. CLEAN AND PATCH ALL EXPOSED SPALLS AND DELAMINATIONS. SEE SPALL AND CRACK REPAIR DETAILS SHEET.
8. PREPARE CONCRETE SURFACE TO RECEIVE CFRP LAMINATES PER TSP T100.
9. APPLY CFRP LAMINATES PER TSP T100.
10. APPLY UV PROTECTIVE COATING.

Bridge No. 864005

REVISIONS				
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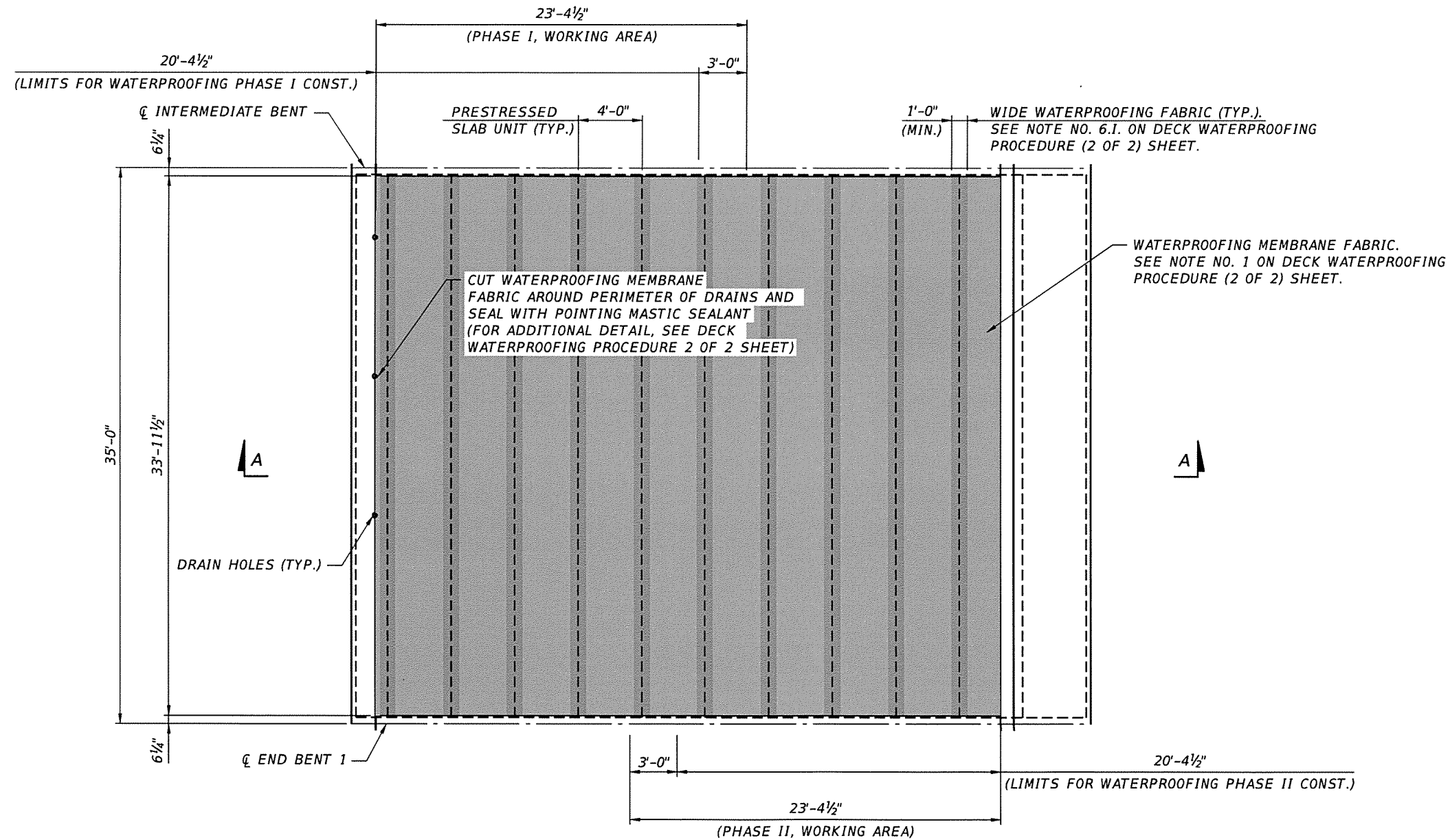
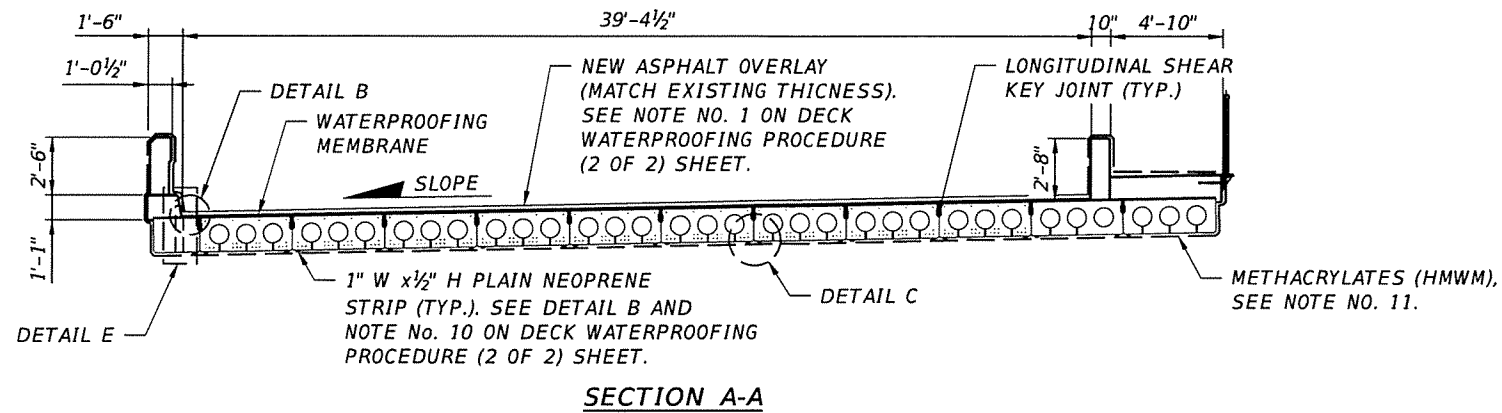
BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL
UNDERDECK STRENGTHENING PROCEDURE (2 OF 2)

SHEET NO.
B1-7



**NOTE:**  
FOR DETAILS AND NOTES, SEE DECK WATERPROOFING PROCEDURE (2 OF 2) SHEET.

**PLAN**  
(SPAN 1 SHOWN, SPAN 2 SIMILAR)

Bridge No. 864005

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

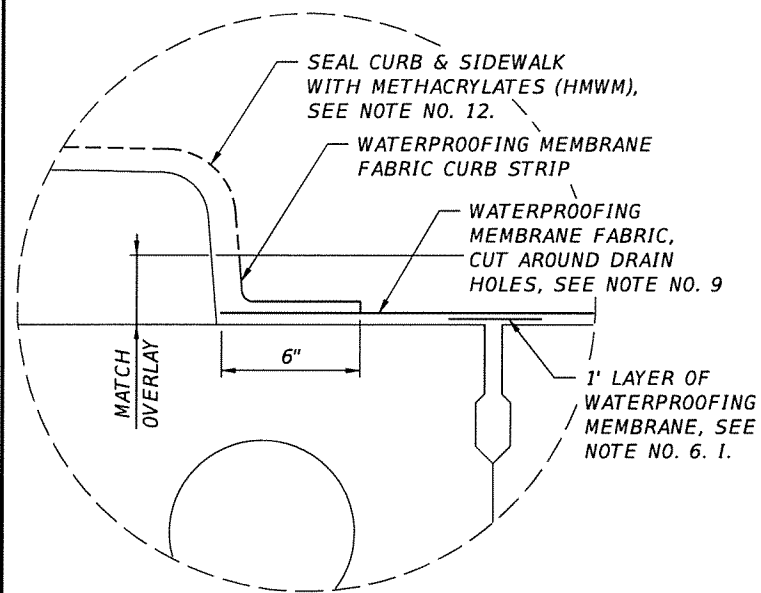
BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



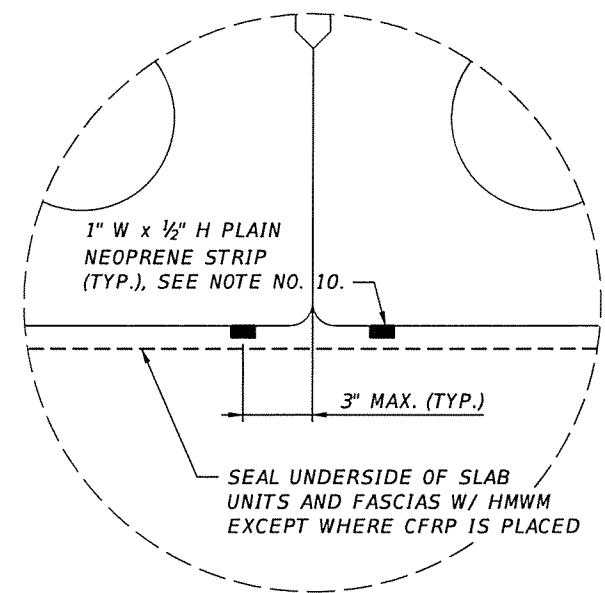
BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
DECK WATERPROOFING PROCEDURE (1 OF 2)	

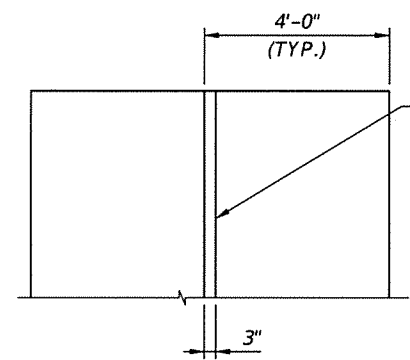
SHEET NO.
B1-8



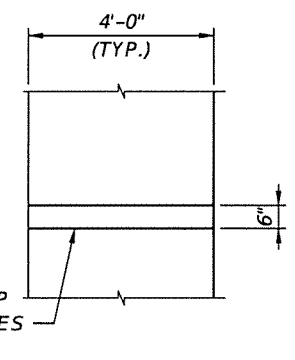
**DETAIL B**



**DETAIL C**

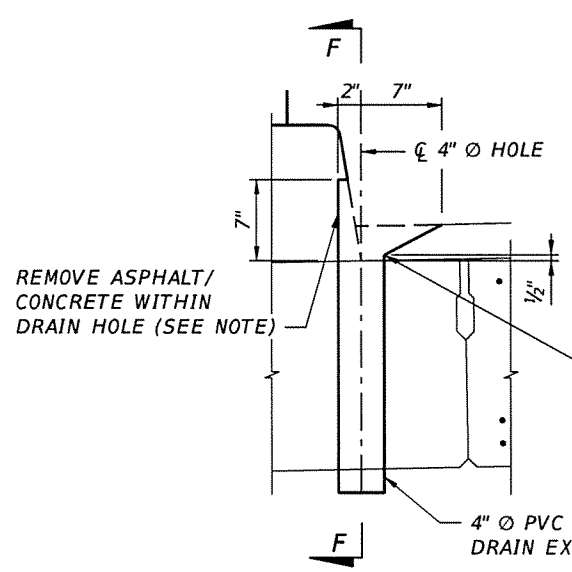


TYPICAL TRANSVERSE OVERLAP FOR WATERPROOFING MEMBRANES

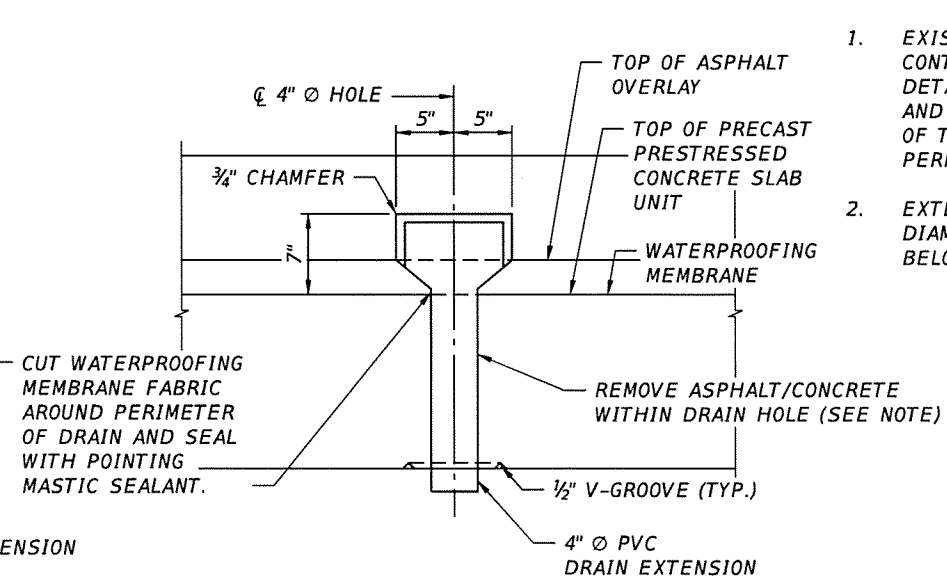


TYPICAL LONGITUDINAL OVERLAP FOR WATERPROOFING MEMBRANES

**DETAIL D**



**DETAIL E**



**SECTION F-F**

**NOTES:**

1. EXISTING CROSS SLOPE VALUE SHALL BE DETERMINED IN THE FIELD BEFORE MILLING EXISTING ASPHALT.
2. THE EXISTING ASPHALT OVERLAY THICKNESS SHALL BE FIELD VERIFIED. MILL EXISTING ASPHALT OVERLAY TO TOP OF DECK. DO NOT DAMAGE THE TOP OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS.
3. REPAIR ALL DELAMINATIONS AND SPALLS ON THE TOPS OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS, AS PER DETAILS ON SHEET NO. 10 "SPALL AND CRACK REPAIRS DETAILS".
4. APPLY WATERPROOFING MEMBRANE FABRIC AS PER FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2000) SECTION 518 "PAVEMENT WATERPROOFING FABRIC" AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
5. FOR WATERPROOFING CONSTRUCTION LIMITS, REFER TO DECK WATERPROOFING PROCEDURE (1 OF 2) SHEET.
6. WATERPROOFING APPLICATION SHALL FOLLOW THESE STEPS:
  - I. A MINIMUM 1 FOOT WIDE WATERPROOFING FABRIC SHALL BE PLACED CENTERED ALONG LONGITUDINAL SHEAR KEYS BETWEEN SLAB UNIT ENDS.
  - II. STARTING FROM THE LOW CROSS SLOPE POINT, WATERPROOFING FABRIC SHALL BE PLACED IN A SHINGLE PATTERN. OVERLAPS SHALL FOLLOW DETAIL D.
  - III. AT CURBS, AN ADDITIONAL WATERPROOFING STRIP SHALL BE PROVIDED EXTENDING 6IN ONTO THE HORIZONTAL AND MATCH THE ASPHALT OVERLAY THICKNESS ON THE VERTICAL FACE. SEE DETAIL B.
7. ROLL MEMBRANE FIRMLY TO ELIMINATE WRINKLES AND AIR POCKETS.
8. WATERPROOFING FABRIC SHALL BE CUT AT BENT EXPANSION JOINTS 6" FROM THE EDGES OF THE DECK TO ACCOMMODATE THE EXPANSION JOINT NOSING.
9. WATERPROOFING TERMINATIONS SHALL BE SEALED WITH POINTING MASTIC SEALANT. INCLUDING AROUND BRIDGE DRAIN HOLES.
10. PLACE PLAIN NEOPRENE STRIPS GLUED WITH EPOXY ALONG LONGITUDINAL EDGES OF SLAB UNITS, OMITTING LOCATIONS WHERE CFRP LAMINATES ARE PROVIDED, SEE DETAIL C. THE NEOPRENE STRIPS SHALL BE PLACED PRIOR TO THE APPLICATION OF METHACRYLATES (HMWM).
11. APPLY METHACRYLATES (HMWM) PER FDOT SPECIFICATION SECTION 413 AS SHOWN. OMIT APPLICATION OF SAND DURING METHACRYLATES (HMWM) APPLICATION. DO NOT APPLY METHACRYLATES (HMWM) OVER AREAS TO RECEIVE CFRP LAMINATES.
12. CLEAN AND SEAL ALL EXPOSED CONCRETE SURFACES INCLUDING UNDERSIDE OF SLAB UNITS, SIDEWALK, CURB, OVERHANG, EXCEPT WHERE CFRP LAMINATE IS PLACED.

**BRIDGE DRAIN NOTES:**

1. EXISTING DRAIN HOLES HAVE PREVIOUSLY FILLED WITH CONCRETE AND/OR COVERED WITH ASPHALT OVERLAY. CONTRACTOR TO REMOVE CONCRETE AND ASPHALT TO RESTORE BRIDGE DRAINS TO THEIR ORIGINAL CONDITION AS DETAILED ABOVE AT DRAIN LOCATIONS IDENTIFIED IN THESE PLANS (6 DRAINS). CONTRACTOR SHALL SUBMIT MEANS AND METHODS SUCH AS SAW CUTTING. CORE DRILLING (CORE DRILLING DIAMETER SHALL NOT EXCEED THE DIAMETER OF THE EXISTING DRAIN HOLES). DRILLING AND SHIPPING TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PERFORMING THE WORK.
2. EXTEND EXISTING BRIDGE DRAINS BY CLEANING THE EXISTING EXPOSED PVC PIPE ENDS AND EPOXY GLUING NEW 4" DIAMETER PVC PIPE EXTENSIONS TO EXISTING PVC PIPES SO THAT THE PIPE EXTENSIONS EXTEND 2" MINIMUM BELOW BOTTOM OF SLAB UNITS.

Bridge No. 864005

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION  
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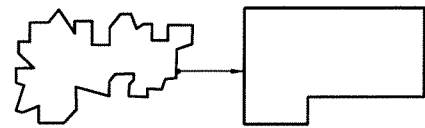
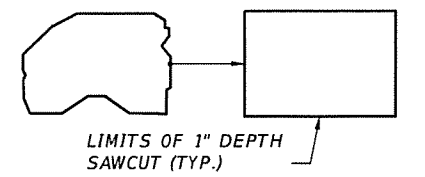


BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

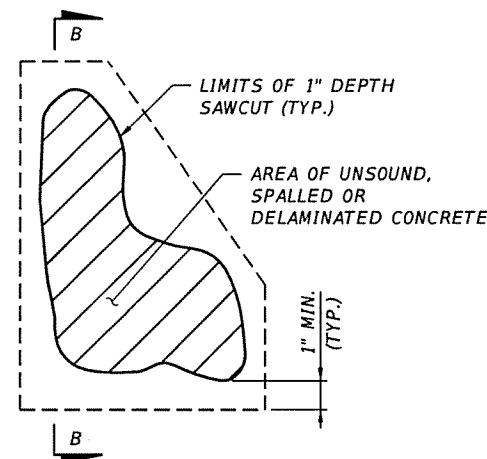
CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
DECK WATERPROOFING PROCEDURE (2 OF 2)	

SHEET NO.
B1-9

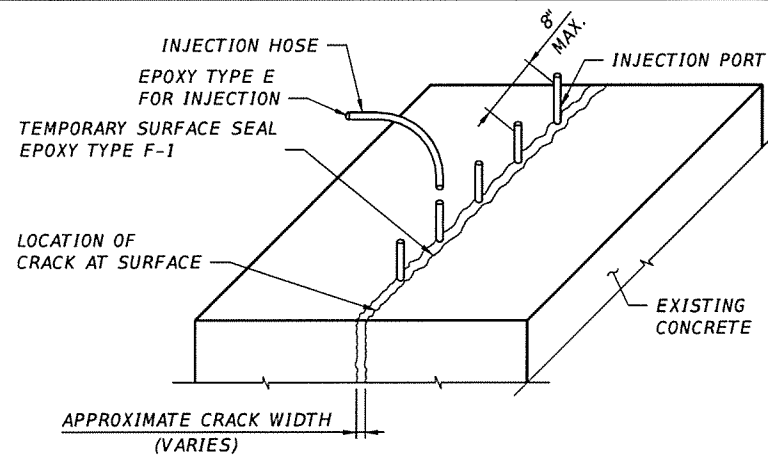




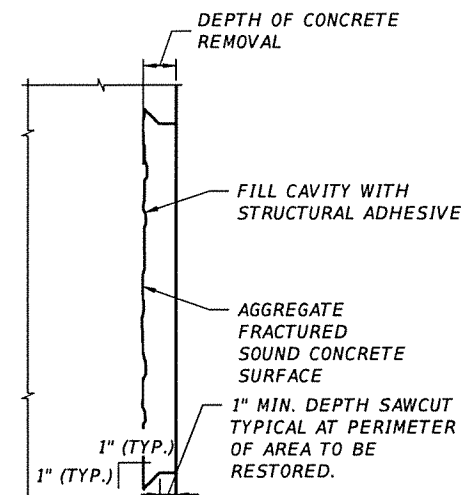
**TYPICAL SPALL/DELAMINATION REPAIR CONFIGURATIONS**



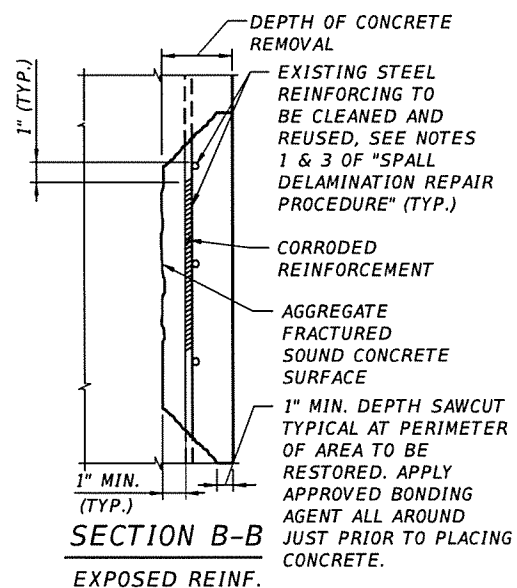
**PARTIAL DEPTH REPAIR PLAN**



**EPOXY INJECT AND SEAL CRACK REPAIR**



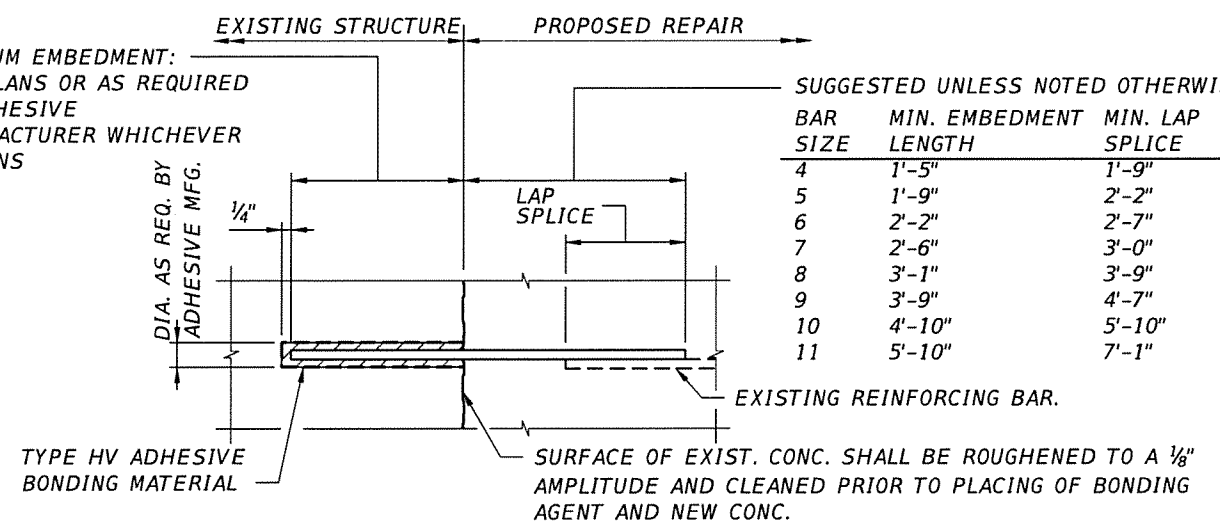
**SECTION B-B NO EXPOSED REINF.**



**SECTION B-B EXPOSED REINF.**

**SPALL/DELAMINATION REPAIR DETAILS**

MINIMUM EMBEDMENT: PER PLANS OR AS REQUIRED BY ADHESIVE MANUFACTURER WHICHEVER GOVERNS



**DOWEL DETAIL**

SUGGESTED UNLESS NOTED OTHERWISE:

BAR SIZE	MIN. EMBEDMENT LENGTH	MIN. LAP SPLICE
4	1'-5"	1'-9"
5	1'-9"	2'-2"
6	2'-2"	2'-7"
7	2'-6"	3'-0"
8	3'-1"	3'-9"
9	3'-9"	4'-7"
10	4'-10"	5'-10"
11	5'-10"	7'-1"

**DOWEL PROCEDURE**

- HOLES FOR DOWEL BARS SHALL BE SOUND AND THOROUGHLY CLEANED AS PER MANUFACTURER'S RECOMMENDATIONS PRIOR TO PLACING EPOXY AND DOWELS.
- HOLES SHALL HAVE A MINIMUM OF 3" CLEARANCE FROM THE EDGE OF THE CONCRETE.
- LENGTH OF DOWEL EMBEDMENT SHALL BE SET IN A STRUCTURAL ADHESIVE BONDING COMPOUND DESIGNATED AS TYPE HV. SEE FDOT APPROVED PRODUCTS LIST (APL) AND FDOT STANDARD SPECIFICATIONS SECTIONS 416 AND 937 FOR DETAILS.
- WHERE REINFORCING STEEL IS ENCOUNTERED, SHIFT THE HOLE TO CLEAR AND FILL THE UNUSED DRILLED HOLE WITH EPOXY.
- THE SUGGESTED MINIMUM REQUIRED EMBEDMENT LENGTH FOR DOWEL BARS EXTENDING INTO THE PROPOSED REPAIR IS SHOWN. THIS EMBEDMENT LENGTH MAY VARY AT LOCATIONS REQUIRING LAPPING TO PROPOSED REINFORCING, ETC. AS DETAILED IN THESE PLANS.

**SPALL/DELAMINATION REPAIR PROCEDURE**

- CONTRACTOR SHALL USE EXTREME CAUTION NOT TO DAMAGE EXISTING REINFORCING STEEL. REINFORCING STEEL SHALL BE MEDIA BLASTED TO A SSPC SP10 CONDITION. IF ANY REINFORCING STEEL IS DAMAGED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR ADDITIONAL INSTRUCTIONS ON THE APPLICABLE REPAIR. ANY REINFORCING STEEL THAT IS DAMAGED BY THE CONTRACTOR IS TO BE REPAIRED AT NO COST TO THE COUNTY.
- PROVIDE AN AGGREGATE-FRACTURED SOUND CONCRETE SURFACE WITH AN APPROXIMATE SURFACE PROFILE AMPLITUDE OF 1/8" BY USE OF SCRABBLER OR OTHER APPROPRIATE MEANS AS NECESSARY.
- IF THE EXISTING REINFORCEMENT HAS LOST MORE THAN 20% OF ITS CROSS SECTION, A NEW BAR OF EQUAL SIZE (DIAMETER) SHALL BE DRILLED AND EPOXIED WITH AN EMBEDDED LENGTH AND/OR LAP SPLICE AS INDICATED IN THESE PLANS. IN NO CASE SHALL ANY REBAR BE PLACED WITH A COVER LESS THAN EXISTING COVER.
- PLACE FORM WORK. FORM WORK MAY BE SUPPORTED BY STAINLESS STEEL INSERTS WHERE REQUIRED. STAINLESS STEEL INSERTS WILL BE LOCATED IN SOUND CONCRETE AND MAY REMAIN IN PLACE. STAINLESS STEEL INSERTS LEFT IN PLACE SHALL BE RECESSED AT LEAST 1" AND PATCHED.
- THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF FDOT STANDARD SPECIFICATIONS SECTION 930. PLACE THE LATEX MODIFIED PORTLAND CEMENT MORTAR/CONCRETE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

**GENERAL CRACK REPAIR PROCEDURE:**

- ALL CRACKS CALLED OUT TO BE REPAIRED IN THESE PLANS ARE NON STRUCTURAL AND SHALL BE REPAIRED IN ACCORDANCE WITH SECTIONS 400-21, 411 AND 413 OF FDOT SPECIFICATIONS.
- SOUND TEST AROUND THE CRACKS PRIOR TO INJECTING TO ASSURE THAT IT IS NOT DELAMINATED. IF CONCRETE AROUND THE CRACK IS DELAMINATED, REPAIR AS A DELAMINATION PRIOR TO REPAIRING CRACK.
- EPOXY INJECTION CONCRETE WITH CRACKS WIDTH EQUAL OR GREATER THAN 3/16".
- USE TYPE F-1 COMPOUND EPOXY FOR SEALING CRACK SURFACES IN PREPARATION FOR INJECTION. REFER TO SECTION 411 OF STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION. GRIND OFF THE EXCESS EPOXY AND PORTS TO THE EXISTING PROFILE AFTER EPOXY INJECTION IS COMPLETED AND EPOXY HAS SET.

Bridge No. 864005

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
SPALL & CRACK REPAIR DETAILS	

SHEET NO.
B1-10



REPAIR UNSOUND PATCH  
IN THE UNDERSIDE OF  
SLAB UNIT 2-2.  
SEE SPALL/ DELAMINATION  
REPAIR PROCEDURE.

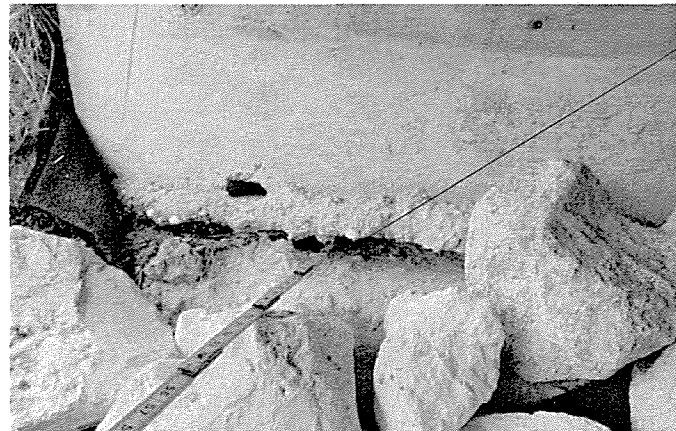
SLAB UNIT 2-2 AT MIDSPAN



REPAIR SPALLS AND DELAMINATIONS  
IN THE UNDERSIDE OF THE SLAB  
UNIT. SEE SPALL/DELAMINATION  
REPAIR PROCEDURE.

UNIT 2-8 AT END BENT 3

**NOTE:**  
THE OUTSIDE LANE OF THE BRIDGE LOCATED DIRECTLY ABOVE  
THE BEAM SHALL BE CLOSED TO TRAFFIC DURING THE REPAIR.



CLEAN OUT GAP AND  
FILL VOIDS COMPLETELY  
WITH GROUT.

EAST OF END BENT 1

**NOTES FOR END BENT 1 GAP REPAIRS:**

1. REMOVE LOOSE MATERIAL.
2. CLEAN OUT CAP AND EXPOSED SURFACES.
3. FILL VOID WITH GROUT.
4. ADD STONE RIPRAP WITH A SIZE EQUAL OR LARGER THAN THE EXISTING ONE.

REMOVE VEGETATION



NORTHEAST APPROACH SIDEWALK

Bridge No. 864005

REVISIONS					BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION 1600 BLOUNT ROAD POMPANO BEACH, FL 33069		BRIDGE REPAIRS		CORAL SPRINGS DR. OVER W. OUTFALL CANAL	SHEET NO.
DATE	NO.	REMARKS	BY	DATE			ROAD	HBMD PROJ. NO.		
							CORAL SPRINGS DR.	2022-1-119	CONSTRUCTION DETAILS	B1-11

**MATERIAL NOTES**

**QUANTITIES**

**CFRP LAMINATES:**

Carbon Fiber Fabric	Renewwrap EST CF600	Sikagard Hex 103C	Tyfo SCH-41
Laminating Epoxy	Renewwrap ESR Saturant	Sikagard Hex 300	Tyfo S
UV Coating	Sikagard 670 W (Gray Color)	Sikagard 670 W (Gray Color)	Tyfo A Paint

MATERIALS AND INSTALLATION SHALL CONFORM TO THE TECHNICAL SPECIAL PROVISIONS (TSP) T100 AND NCHRP 609 ATTACHMENT A. BOTH FIBER AND EPOXY MUST COME FROM THE SAME MANUFACTURER.

1 PLY CFRP LAMINATE QUANTITY			
LENGTH (FT.)	WIDTH (FT.)	No. OF LAMINATES	QUANTITY (SQFT.)
12.00	2.083	24	599.90
10.00	2.083	8	166.64
TOTAL CFRP QUANTITIES			766.54

**CONCRETE PATCHING:**

Material Type	Compressive Strength, PSI		
	1 Day	7 Days	28 Days
Planitop XS	3000	4000	5000
MasterEmaco S 440CI	2500	5300	6500
Sika-Repair 223	3500	6000	7500

**DOWEL STEEL BAR:**

DOWEL STEEL BARS SHALL BE GRADE 60 IN ACCORDANCE WITH ASTM A955/A955M-20 STANDARD SPECIFICATIONS FOR DEFORMED STAINLESS STEEL BARS FOR CONCRETE REINFORCEMENT.

SS. DOWEL BAR QUANTITY						
BAR NAME	BAR SIZE	LENGTH		No. OF BARS	QUANTITY (FT.)	TYPE
		FT	IN			
6A1	#6	11	9	16	188.0	TYPE 1
6A2	#6	12	0	32	384.0	TYPE 1
6A3	#6	9	9	16	156.0	TYPE 1
4A4	#4	4	0	35	140.0	TYPE II
TOTAL BAR QUANTITIES					868.0	

**BONDING EPOXY:**

Structural Adhesive	Horizontal & Vertical Application	Overhead Application	Underwater Application
	Dayton Superior Sure Anchor I J51	Sikadur 31 Hi-Mod Gel	Pilgrim Magmaflow Type K
	ET-HP Epoxy	Euclid Chemical Dural 452 Gel	
	Pilgrim RS-600		

**WATERPROOFING MEMBRANE:**

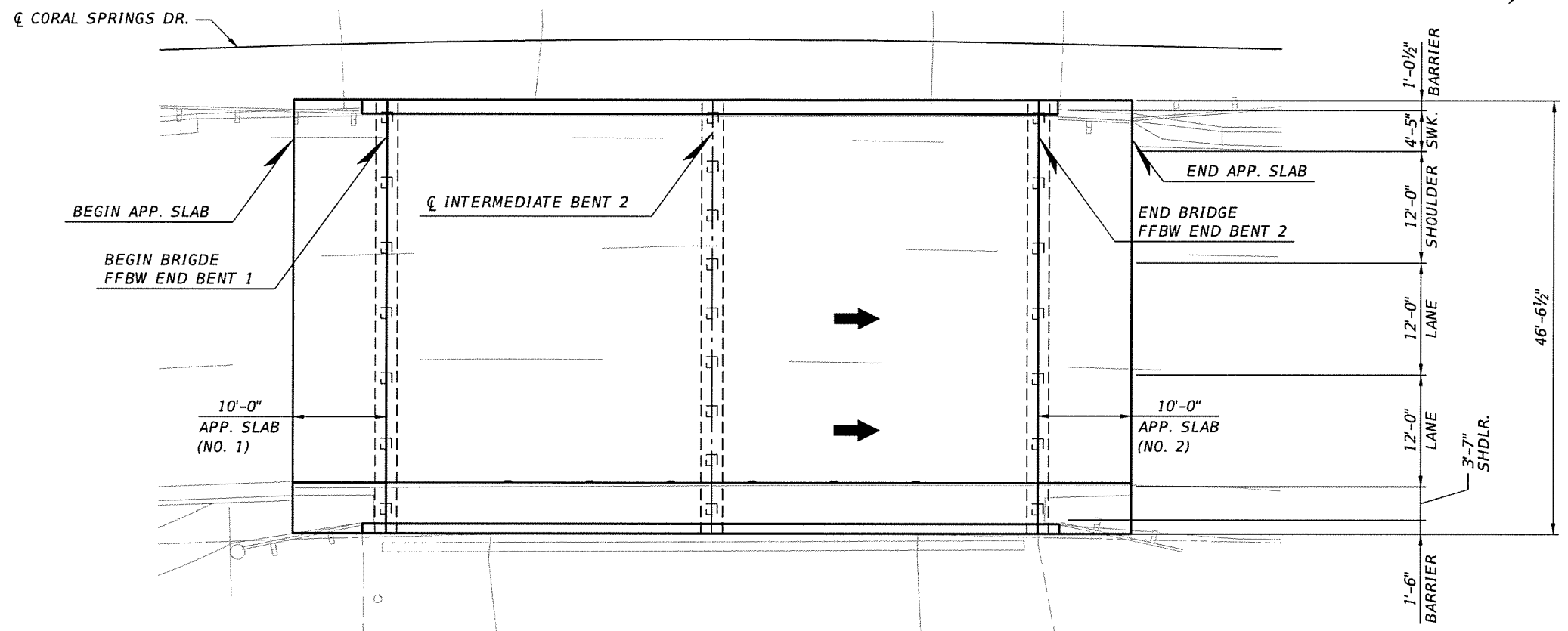
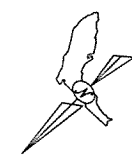
WATERPROOFING MEMBRANE SHALL CONFORM WITH FDOT SPECIFICATION SECTION 518 "PAVEMENT WATERPROOFING FABRIC" DATED 2000, LOCATED AT:  
<https://www.fdot.gov/docs/default-source/programmanagement/Implemented/SpecBooks/2000/Files/2000Book.pdf>  
 AND MANUFACTURER'S SPECIFICATION.

Waterproofing Membrane	Polyguard NW-75
	Crafco PavePrep SA CRA
	MEL-DEK SealTight

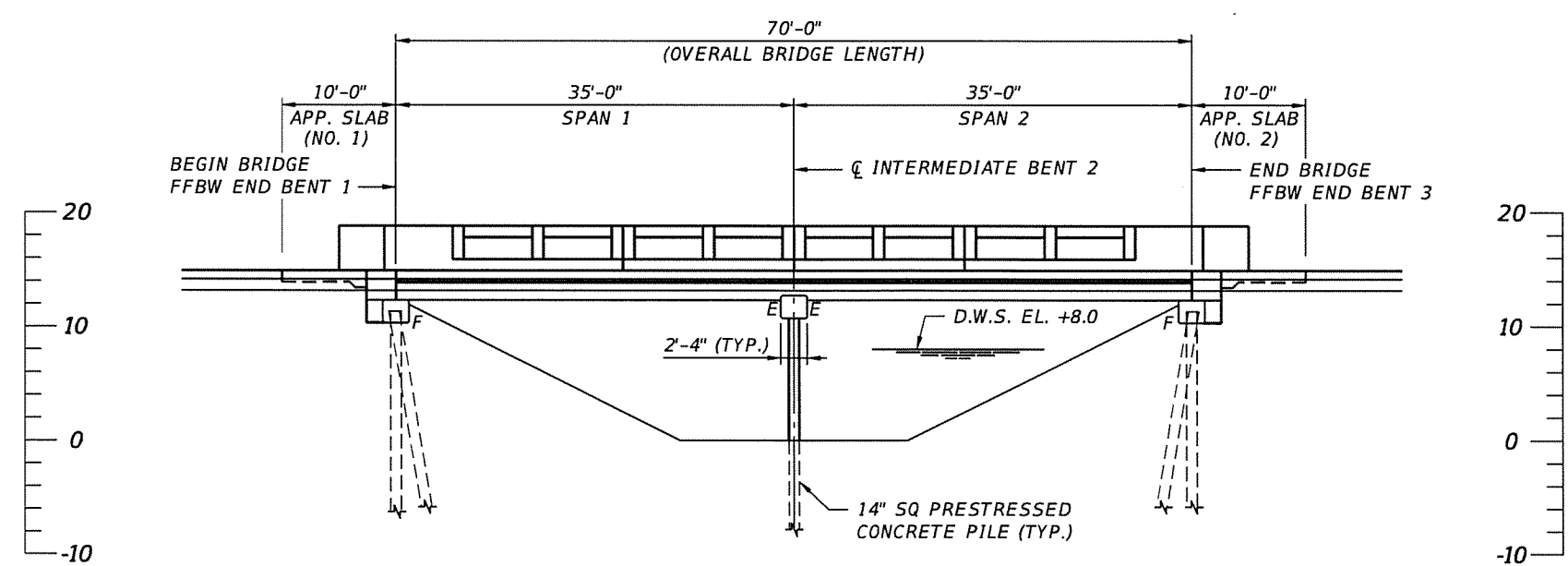
PAY ITEM QUANTITIES - BRIDGE 864006			
Item No.	Description	Quantity	Unit
1	FDOT PAY ITEM 101-1: MOBILIZATION, NIGHT WORK	1	EACH
5	FDOT PAY ITEM 102-14: TRAFFIC CONTROL OFFICER	208	HOUR
6	FDOT PAY ITEM 102-60: WORK ZONE SIGNS, F & I	192	DAY
10	FDOT PAY ITEM 102-71-1B: BARRIER WALL, TEMPORARY, F&I, WATERFILLED, UP TO 30 DAYS	90	LINEAR FOOT
16	FDOT PAY ITEM 102-74-1: CHANNELIZING DEVICE, TYPES I, II, DI, VP, DRUM, OR LCD, F & I	3115	DAY
24	FDOT PAY ITEM 102-76: ARROW BOARD / ADVANCE WARNING ARROW PANEL, F & I	26	DAY
26	FDOT PAY ITEM 102-99: PORTABLE CHANGEABLE MESSAGE SIGN, TEMPORARY, F & I	151	DAY
36	FDOT PAY ITEM 104-11: FLOATING TURBIDITY BARRIER	70	LINEAR FOOT
45	FDOT PAY ITEM 110-3-5: REMOVAL OF EXISTING BRIDGE JOINT	125	LINEAR FOOT
49	FDOT PAY ITEM 110-4-10A: REMOVAL OF EXISTING CONCRETE-SIDEWALK, PAVEMENT OR SLOPE PAVEMENT ANY THICKNESS	234	SQUARE YARD
68	FDOT PAY ITEM 173-71: DRILLING HOLES FOR PRESSURE GROUTING FOR PIPE UP TO 4 INCH INSIDE DIA	9	LINEAR FOOT
69	FDOT PAY ITEM 173-76: GROUT PIPE INSTALLATION UP TO 4 IN. INSIDE DIA	2	LINEAR FOOT
81	FDOT PAY ITEM 327-70-8: MILLING EXIST ASPH PAVT, 2 1/2 IN AVG DEPTH	394	SQUARE YARD
88	FDOT PAY ITEM 334-1-52, 334-1-53, 334-1-54, OR 334-1-55: SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC B, C, D, OR E, PG 76-22	55	TONS
89	FDOT PAY ITEM 337-7-80, 337-7-81, 337-7-82, 337-7-83, 337-7-85, OR 337-7-88: ASPHALT CONCRETE FRICTION COURSE, TRAFFIC B, C, D, OR E, FC-9.5, FC-12.5 PG 76-22	55	TONS
99	FDOT ITEM # N/A: PAVEMENT WATERPROOFING FABRIC	3911	SQUARE FOOT
129	FDOT PAY ITEM N/A: STAINLESS STEEL DOWEL (LF)	868	LINEAR FOOT
155	FDOT PAY ITEM 400-145B: CLEANING CONCRETE SURFACE, EQUAL OR GREATER THAN 500 SF	395	SQUARE FOOT
158	FDOT PAY ITEM 400-148: PLAIN NEOPRENE BEARING PADS	5	CUBIC FOOT
160	FDOT PAY ITEM 401-70-1B: RESTORE SPALLED AREAS, STRUCTURES, TYPE F-1 EPOXY	9	CUBIC FOOT
165	FDOT PAY ITEM 413-154A: CLEANING AND SEALING CONCRETE SURFACES: METHACRYLATES, EQUAL OR GREATER THAN 500 SF	4285	SQUARE FOOT
188	FDOT PAY ITEM 458-1-21A: BRIDGE DECK EXPANSION JOINT, REHABILITATION, POURED JOINT WITH BACKER ROD (TYPE D SILICONE)	125	LINEAR FOOT
192	FDOT PAY ITEM 458-2: POLYMER NOSING (XJS SYSTEMS) FOR BRIDGE DECK EXPANSION JOINT WITH POURED JOINT WITH BACKER ROD	29	CUBIC FOOT
227	FDOT PAY ITEM N/A: CARBON FIBER REINFORCED POLYMER (CFRP) LAMINATE FOR STRUCTURES OVER WATER	767	SQUARE FOOT
250	FDOT PAY ITEM N/A: ADA COMPLIANT CURB RAMP, SINGLE DIRECTION	2	EACH
251	FDOT PAY ITEM N/A: ADA COMPLIANT CURB RAMP, TWO-DIRECTION	3	EACH
252	FDOT PAY ITEM N/A: DETECTABLE WARNING ON EXISTING WALKING SURFACE, CAST-IN-PLACE, F & I	70	SQUARE YARD
374	FDOT PAY ITEM 706-1-1: RETRO-REFLECTIVE PAVEMENT MARKERS	8	SQUARE YARD
375	FDOT PAY ITEM 710-11-101, 710-11-201, OR 710-11-421: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, YELLOW, OR BLUE, SOLID, 6 IN	180	LINEAR FOOT
380	FDOT PAY ITEM 710-11-131 OR 710-11-231: PAINTED PAVEMENT MARKINGS, STANDARD, WHITE OR YELLOW, SKIP, 10-30 OR 3-9 SKIP, 6 IN WIDE	180	LINEAR FOOT
385	FDOT PAY ITEM 711-16-101 OR 711-16-201: THERMOPLASTIC, STANDARD, WHITE OR YELLOW, SOLID, 6 IN	180	LINEAR FOOT
390	FDOT PAY ITEM 711-16-131 OR 711-16-231: THERMOPLASTIC, STANDARD, WHITE OR YELLOW, SKIP, 10-30 OR 3-9 SKIP, 6 IN	180	LINEAR FOOT
415	FDOT PAY ITEM N/A: WORK SKIFF	42	DAY
430	FDOT PAY ITEM N/A: PORTABLE TOILET, SINGLE STALL	13	WEEK
431	FDOT PAY ITEM N/A: LIGHT TOWER, AMIDA/TEREX AL4000 OR EQUIVALENT	24	DAY
437	PASS-THRU: PERMITS AND FEES	1	EACH

Bridge No. 864006

REVISIONS					BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION 1600 BLOUNT ROAD POMPANO BEACH, FL 33069		BRIDGE REPAIRS		CORAL SPRINGS DR. OVER W. OUTFALL CANAL	SHEET NO. B2-1
DATE	NO.	REMARKS	BY	DATE			ROAD	HBMD PROJ. NO.		
									CORAL SPRINGS DR.	2022-1-119



PLAN



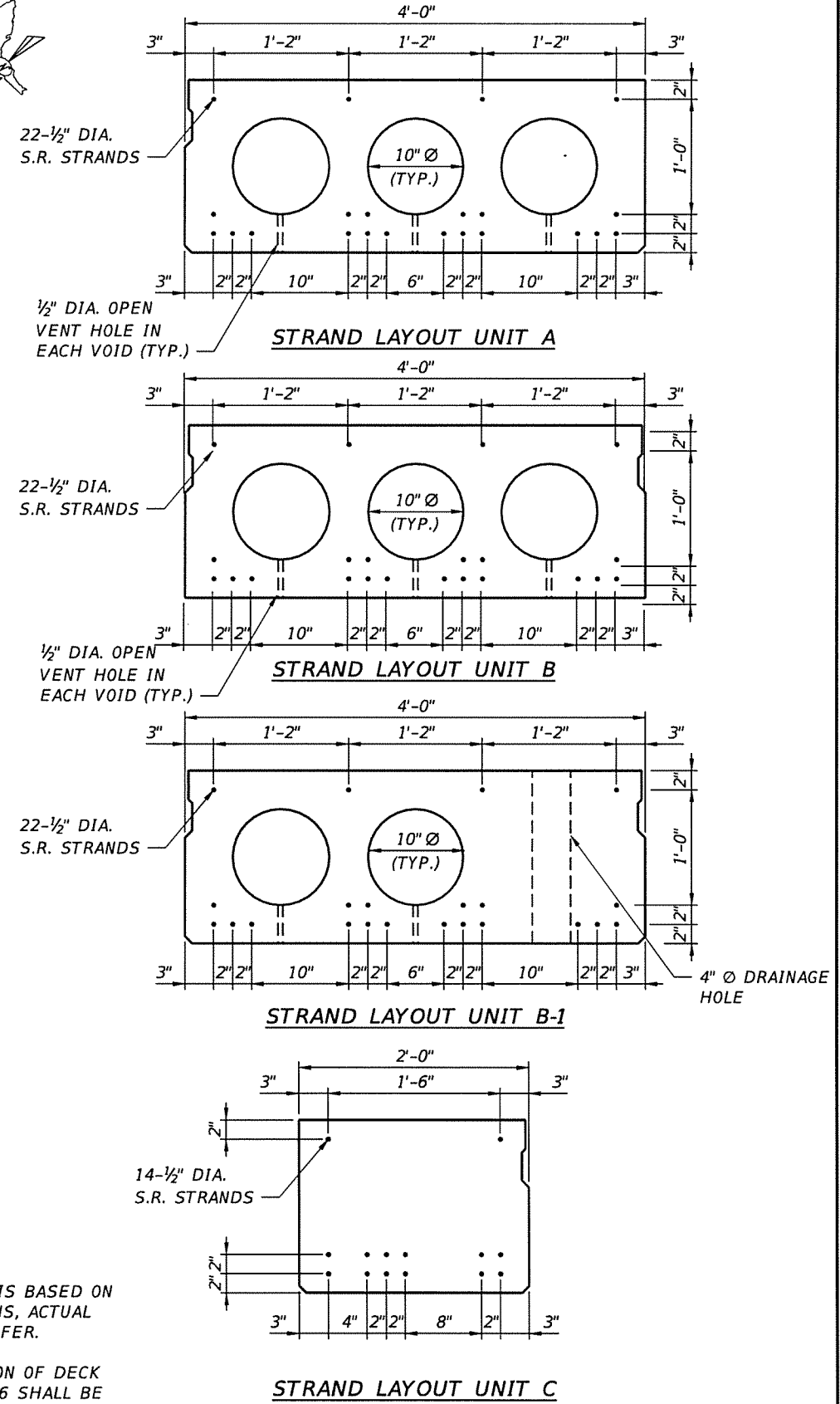
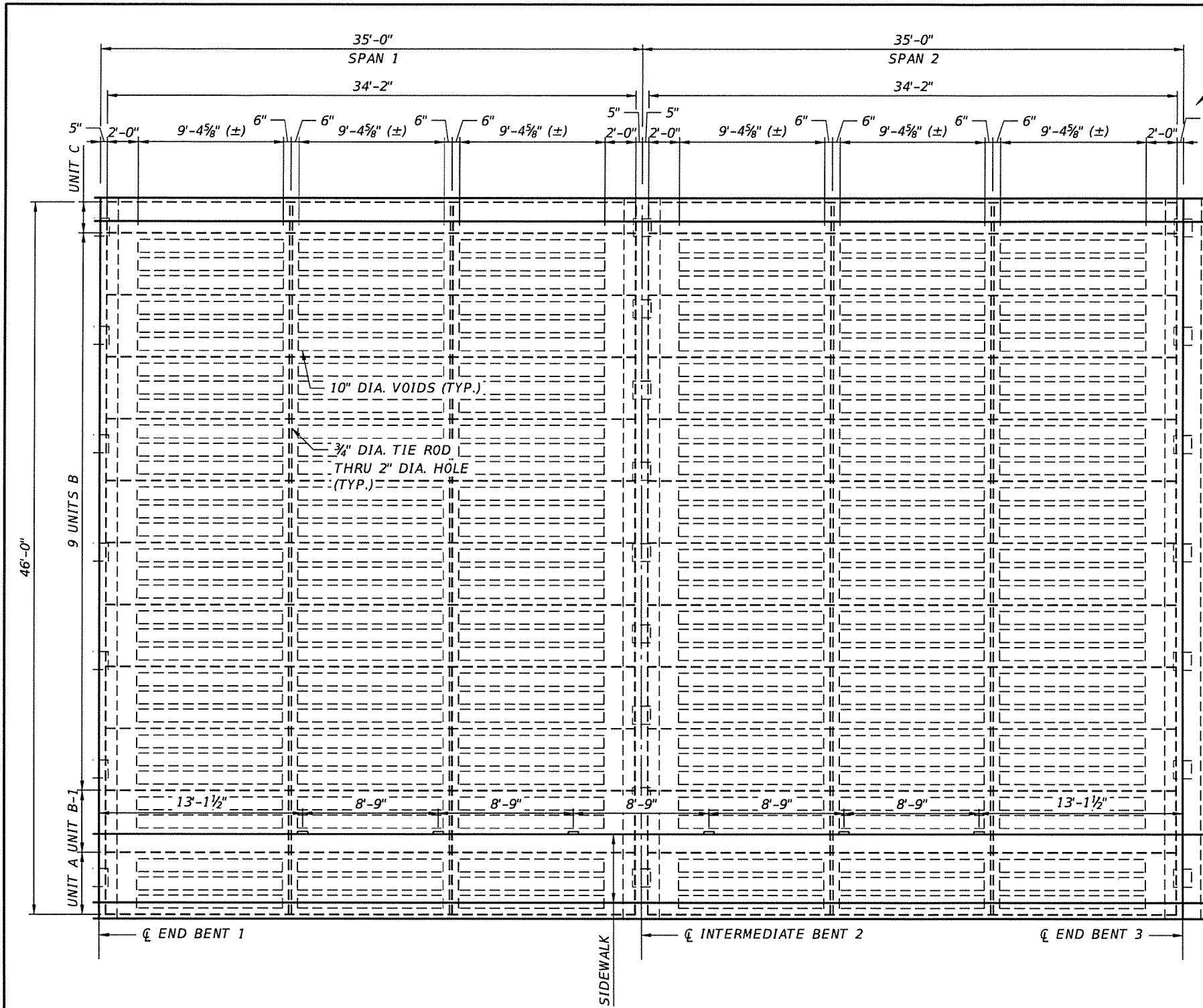
ELEVATION

NOTES:

1. UTILITIES ARE NOT SHOWN FOR CLARITY.
2. FOR LIMITS OF MILLING, RESURFACING AND PAVEMENT MARKINGS, REFER TO ROADWAY PLAN SHEET.
3. FOR TRAFFIC MARKINGS, MATCH EXISTING. FOR TRAFFIC MARKINGS DETAILS, REFER TO PAVEMENT MARKINGS AND SIGNS PLAN OF BROWARD COUNTY.

Bridge No. 864006

REVISIONS					BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION 1600 BLOUNT ROAD POMPANO BEACH, FL 33069		BRIDGE REPAIRS		CORAL SPRINGS DR. OVER W. OUTFALL CANAL	SHEET NO.
DATE	NO.	REMARKS	BY	DATE			ROAD	HBMD PROJ. NO.		
							CORAL SPRINGS DR.	2022-1-119	PLAN AND ELEVATION	B2-2



PLAN

NOTES:

1. STRAND SPACING SHOWN IS BASED ON AVAILABLE EXISTING PLANS, ACTUAL STRAND SPACING MAY DIFFER.
2. THE NUMBER AND LOCATION OF DECK DRAINS ON BRIDGE 864006 SHALL BE FIELD VERIFIED UPON REMOVAL OF ASPHALT OVERLAY.

Bridge No. 864006

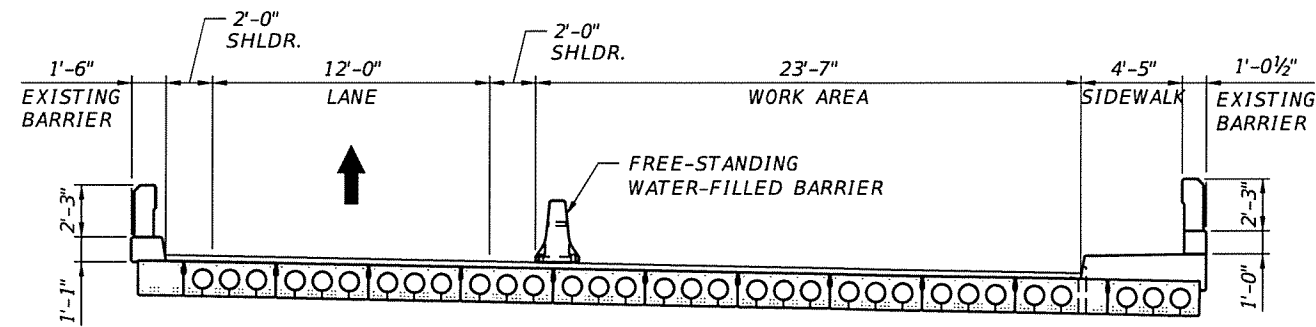
REVISIONS				
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069

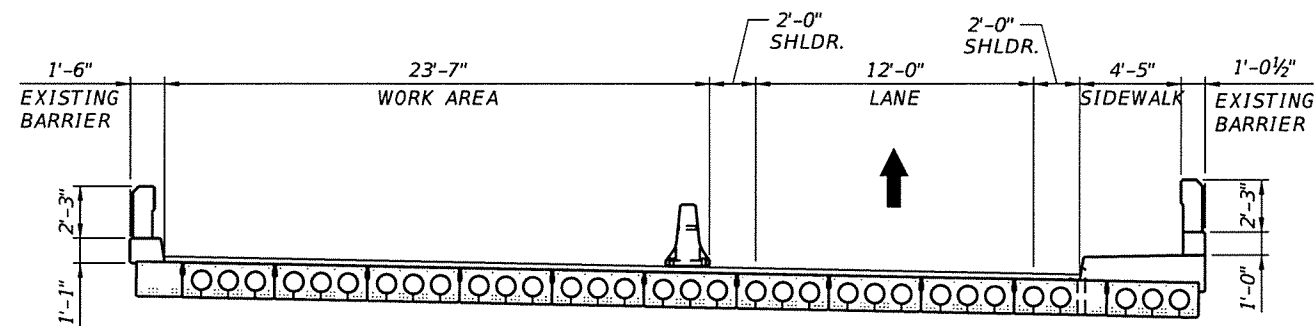


BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

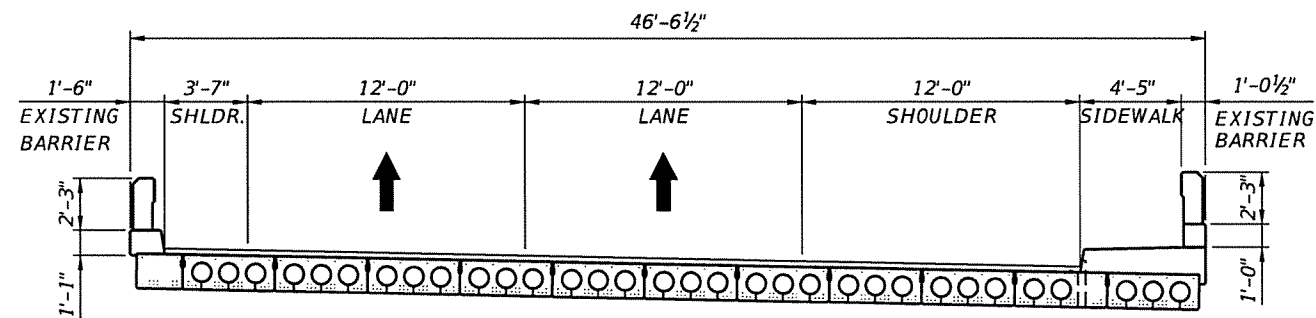
CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
PRESTRESSED SLAB UNIT LAYOUT PLAN	
SHEET NO.	B2-3



**TYPICAL SECTION**  
(PHASE I)



**TYPICAL SECTION**  
(PHASE II)



**TYPICAL SECTION**  
(FINAL)

**NOTES:**

1. REFER TO FDOT STANDARD PLANS INDEX 102-613 "MULTILANE ROADWAY, LANE CLOSURES."
2. REFER TO FDOT STANDARD PLANS INDEX 102-600 "GENERAL INFORMATION FOR TRAFFIC CONTROL THROUGH WORK ZONES". FOR GENERAL TRAFFIC GUIDELINES AND STANDARDS.
3. FOR BOTH PHASES, MILL EXISTING ASPHALT OVERLAY, INSTALL WATERPROOFING MEMBRANE, AND PAVE NEW ASPHALT OVERLAY, SEE DECK WATERPROOFING PROCEDURE SHEET AND ROADWAY PLAN SHEET FOR DETAILS.
4. CONTRACTOR SHALL NOTIFY ENGINEER AT A MINIMUM 2 WEEKS PRIOR TO LANE CLOSURES.

Bridge No. 864006

REVISIONS				
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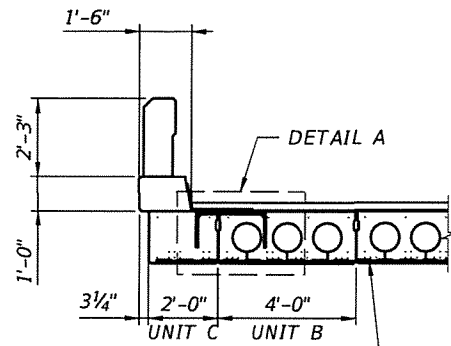
BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
CONSTRUCTION SEQUENCE	

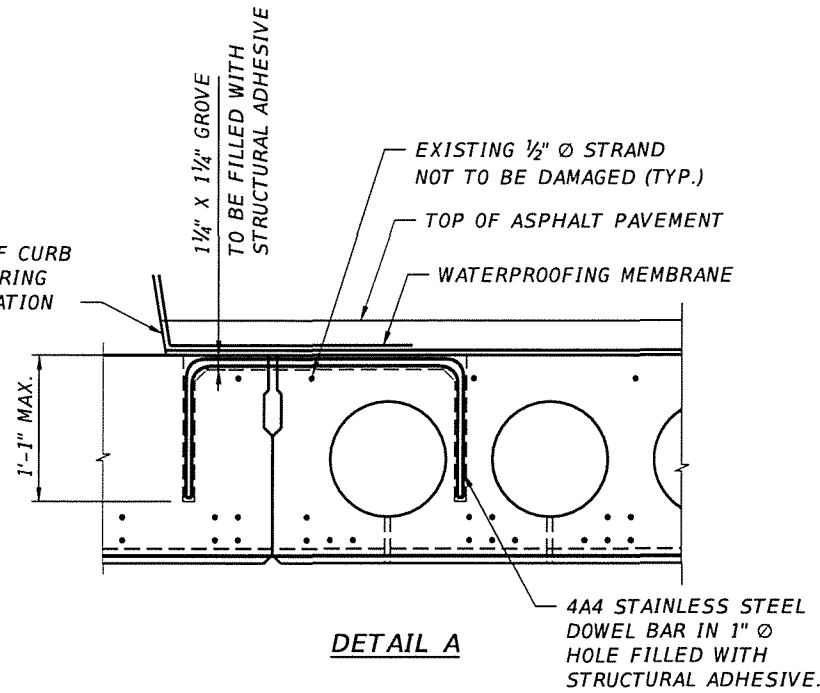
SHEET NO.
B2-4



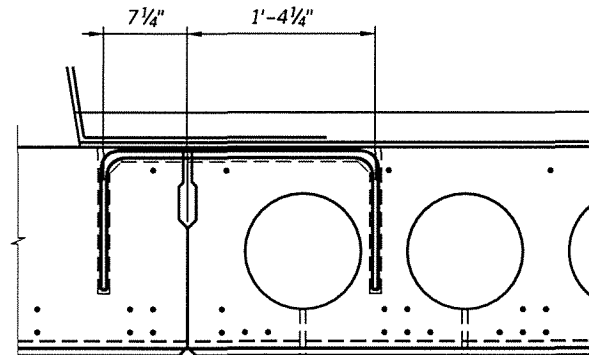
**SECTION**

4A4 S.S. BAR IN 1 1/4" GROVE AND CFRP LAMINATE, SEE UNDERDECK STRENGTHENING PROCEDURE SHEET.

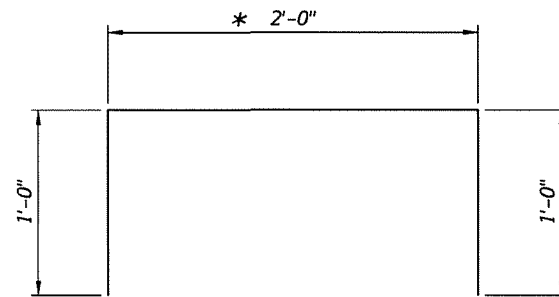
REPAIR EDGE OF CURB IF DAMAGED DURING DOWEL INSTALLATION



**DETAIL A**



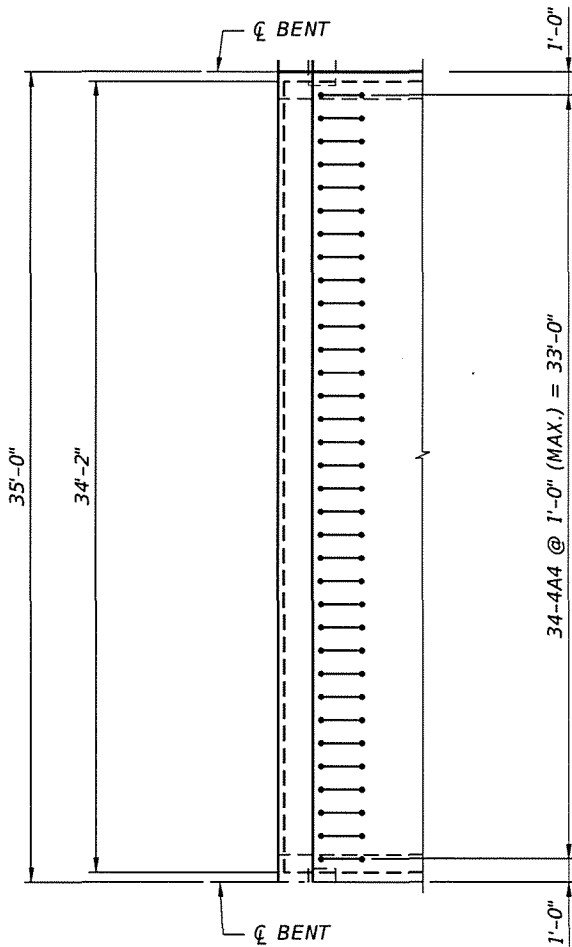
**DETAIL A**



**TYPE 11 4A4 DOWEL BAR**

\* FIELD ADJUST AS REQUIRED TO AVOID CONFLICT WITH EXISTING STRANDS

**BAR BENDING DETAIL**



**PARTIAL DECK PLAN**

**NOTES:**

1. CONTRACTOR TO NOTIFY ENGINEER AFTER ASPHALT HAS BEEN REMOVED. ENGINEER TO MARK LOCATION OF EXISTING REINFORCEMENT AND VERIFY DOWEL LAYOUT PRIOR TO DRILLING.
2. NO DRILLING OR CUTTING IS ALLOWED UNTIL CONCRETE COVER TO EXISTING STRANDS HAS BEEN FIELD VERIFIED BY THE ENGINEER.
3. TOP OF DECK DOWEL INSTALLATION SHALL BE COMPLETED PRIOR TO WATERPROOFING MEMBRANE INSTALLATION.
4. SHIFT DOWEL HOLE LOCATIONS IF EXISTING REINFORCING STEEL IS ENCOUNTERED. FILL UNUSED DRILLED HOLES WITH EPOXY. DOWEL SPACING TO BE FIELD ADJUSTED TO AVOID CONFLICTS AS REQUIRED, PROVIDED TOTAL NUMBER OF DOWELS IS MAINTAINED. CUTTING OF GROOVES SHALL ONLY OCCUR AFTER HOLES HAVE BEEN DRILLED AT FINAL LOCATIONS.

**PROCEDURE:**

1. MILL EXISTING ASPHALT OVERLAY TO TOP OF DECK. DO NOT DAMAGE THE TOPS OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS. CONTRACTOR TO NOTIFY ENGINEER AFTER ASPHALT OVERLAY HAS BEEN REMOVED AND VERIFY THICKNESS OF EXISTING ASPHALT.
2. REPAIR ALL DELAMINATIONS AND SPALLS ON THE TOPS OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS, AS PER DETAILS ON SPALL AND CRACK REPAIR DETAILS SHEET.
3. DRILL HOLES AND CUT GROOVES TO RECEIVE #4 STAINLESS STEEL DOWEL BARS BETWEEN EXTERIOR SLAB UNIT C AND FIRST INTERIOR SLAB UNIT B.
4. FILL HOLES AND GROOVES WITH EPOXY.
5. CLEAN DECK SURFACE TO REMOVE DUST AND OTHER DELETERIOUS MATERIAL.
6. REFER TO NOTES ON DECK WATERPROOFING PROCEDURE SHEET.

Bridge No. 864006

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

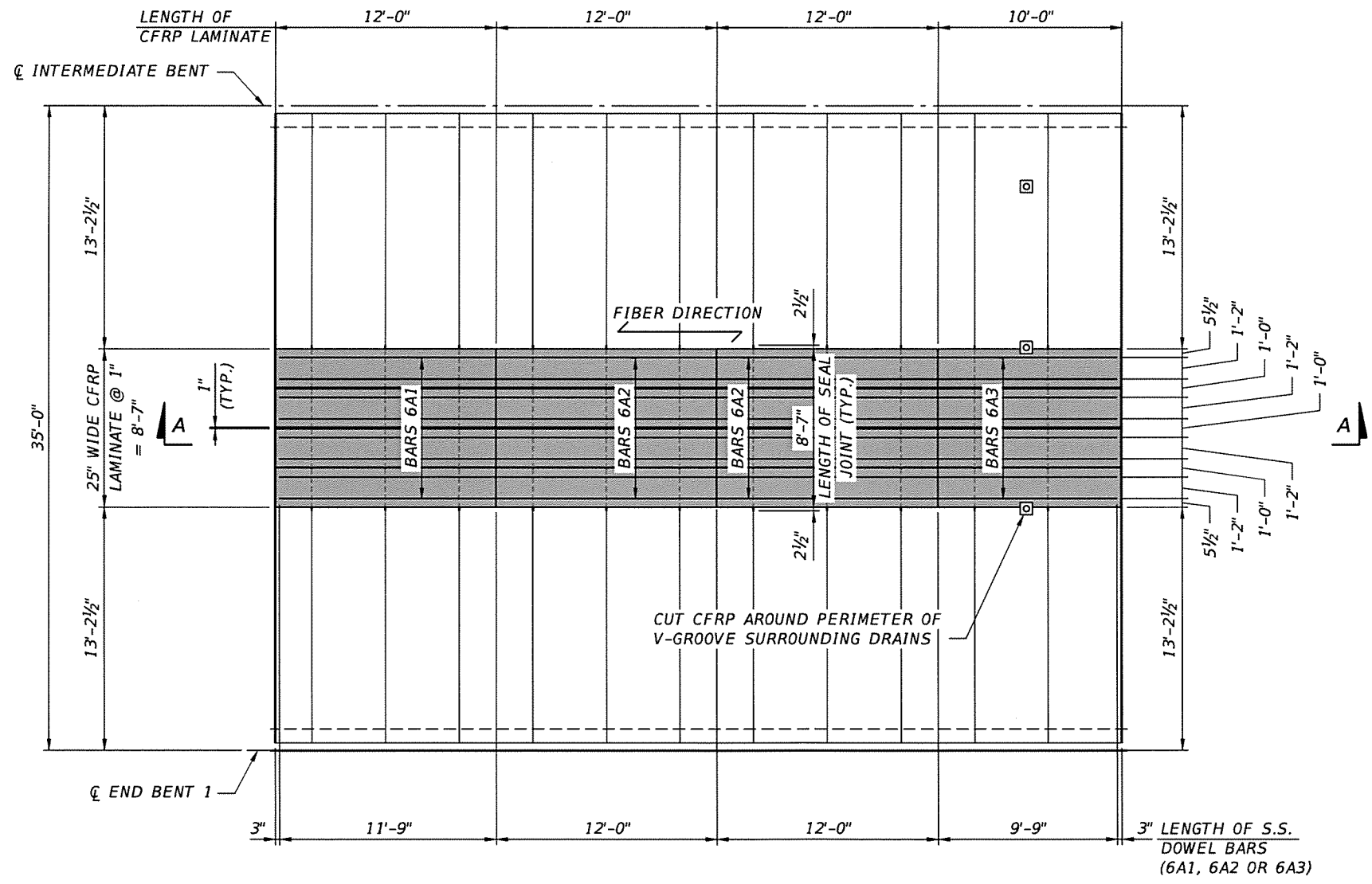
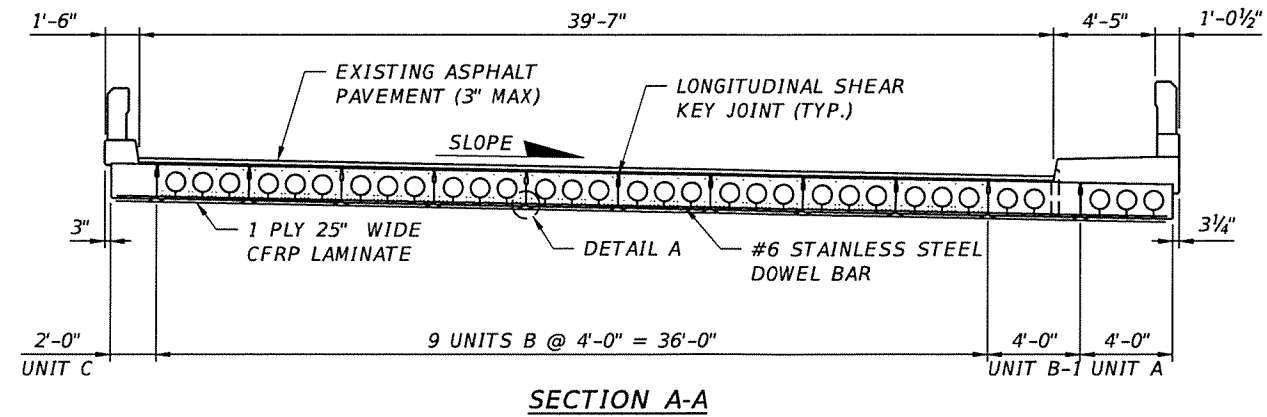
BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
TOP OF DECK STRENGTHENING PROCEDURE	

SHEET NO.
B2-5



- NOTES:**
1. FOR DETAIL A SEE UNDERDECK STRENGTHENING PROCEDURE (2 OF 2) SHEET.
  2. FOR ADDITIONAL NOTES SEE UNDERDECK STRENGTHENING PROCEDURE (2 OF 2) SHEET.
  3. CFRP LAMINATE WIDTH VARIES BASED ON MANUFACTURER. CONTRACTOR TO NOTIFY ENGINEER OF FINAL CFRP MANUFACTURER SELECTION SO 25" WIDTH MAY BE ADJUSTED ACCORDINGLY.

**UNDERDECK PLAN**  
(SPAN 1 SHOWN, SPAN 2 SIMILAR)

Bridge No. 864006

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069

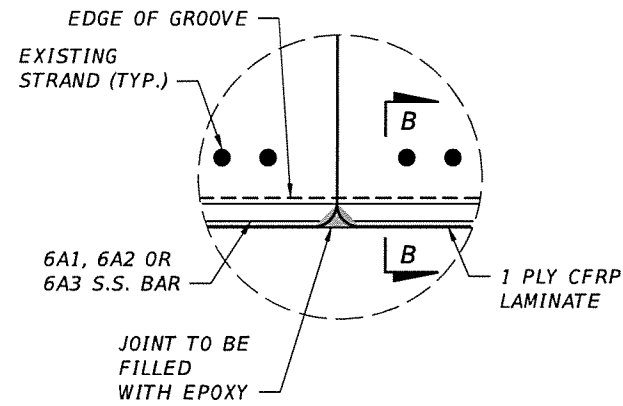


BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

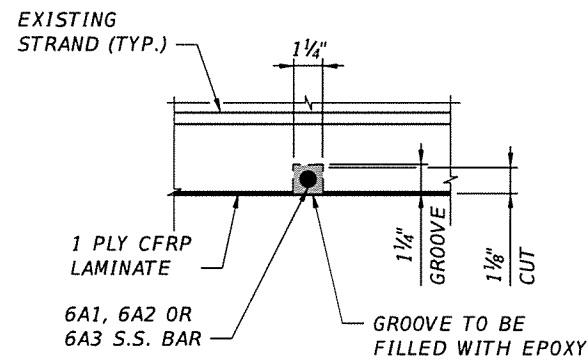
CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
UNDERDECK STRENGTHENING PROCEDURE (1 OF 2)	

SHEET NO.
B2-6





**DETAIL A**



**SECTION B-B**

**NOTES:**

1. CONTRACTOR TO NOTIFY ENGINEER AFTER THE LOCATION OF GROOVES HAS BEEN STRING LINED FOR APPROVAL BY THE ENGINEER.
2. NO CUTTING IS ALLOWED UNTIL CONCRETE COVER TO EXISTING STRANDS HAS BEEN FIELD VERIFIED BY THE ENGINEER.
3. THE 1/8" DEEP CUT AS SHOWN ON THIS SHEET MAY BE ADJUSTED BY THE ENGINEER BASED ON FIELD COVER MEASUREMENTS.

**PROCEDURE:**

1. SAWCUT (8) TRANSVERSE 1/4"x1/8" GROOVES BY WAY OF 2 ADJACENT SAWCUTS AND CHIP OUT INTERSTITIAL CONCRETE BETWEEN SAWCUTS TO ACHIEVE A FINAL 1/4" DEPTH. CIRCULAR SAW TO BE MOUNTED ON STEEL TRACKS ALONG THE GROOVE PATH.
2. CLEAN GROOVES THOROUGHLY OF DIRT AND DUST WITH HIGH PRESSURE AIR COMPRESSOR.
3. PLACE #6 STAINLESS STEEL DOWEL BARS (6A1, 6A2 or 6A3) CENTERED WITHIN THE GROOVES. USE STAINLESS STEEL SELF DRILLING SCREWS TO SECURE THE BARS.
4. DOWEL BARS SHALL NOT BUTT UP AGAINST STRANDS. IN CASES WHERE DOWEL BARS MUST BUTT UP AGAINST STRANDS, SEPERATE DOWEL BARS FROM STRANDS WITH DIELECTRIC TAPE.
5. INSERT EPOXY TO FILL ALL EMPTY SPACE WITHIN THE GROOVES, ALL AROUND THE STAINLESS STEEL DOWELS.
6. FILL LONGITUDINAL JOINTS BETWEEN SLAB UNITS WITH EPOXY TO THE LIMITS SHOWN IN THESE PLANS.
7. CLEAN AND PATCH ALL EXPOSED SPALLS AND DELAMINATIONS. SEE SPALL AND CRACK REPAIR DETAILS SHEET.
8. PREPARE CONCRETE SURFACE TO RECEIVE CFRP LAMINATES PER TSP T100.
9. APPLY CFRP LAMINATES PER TSP T100.
10. APPLY UV PROTECTIVE COATING.

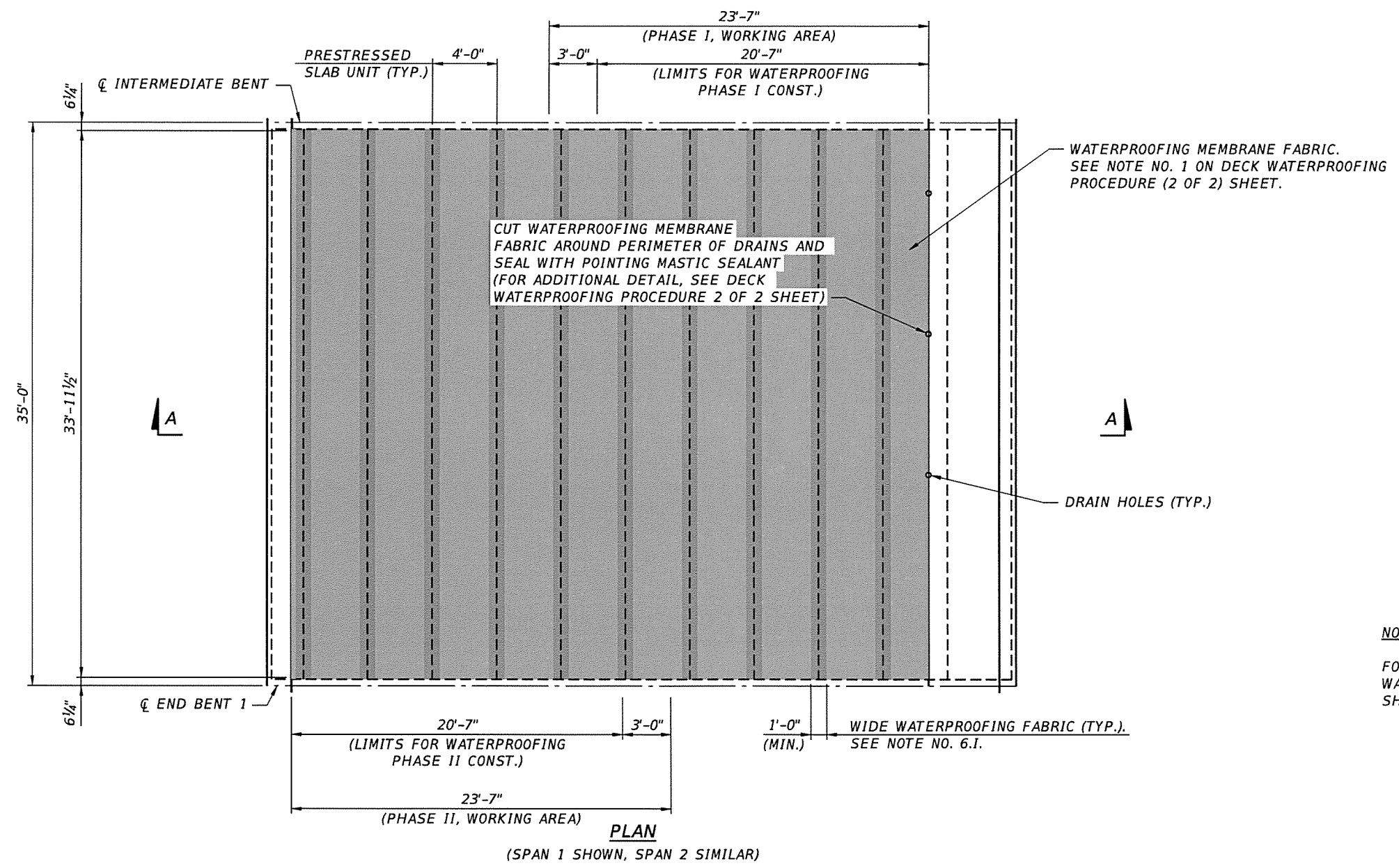
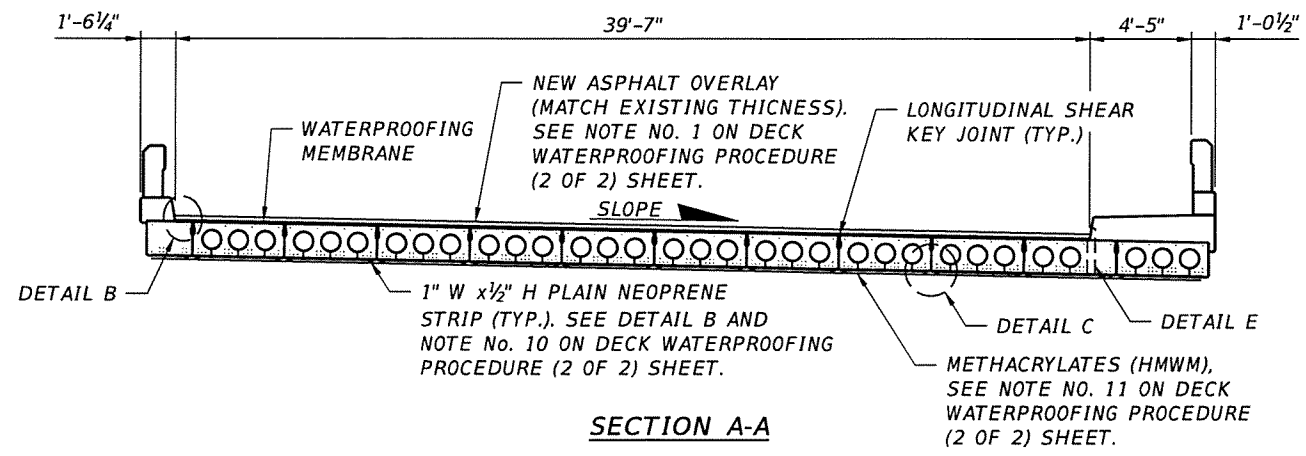
Bridge No. 864006

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



BRIDGE REPAIRS		CORAL SPRINGS DR. OVER W. OUTFALL CANAL	SHEET NO.
ROAD	HBMD PROJ. NO.	UNDERDECK STRENGTHENING PROCEDURE (2 OF 2)	B2-7
CORAL SPRINGS DR.	2022-1-119		



**NOTE:**  
FOR DETAILS AND NOTES, SEE DECK WATERPROOFING PROCEDURE (3 OF 3) SHEET.

Bridge No. 864006

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

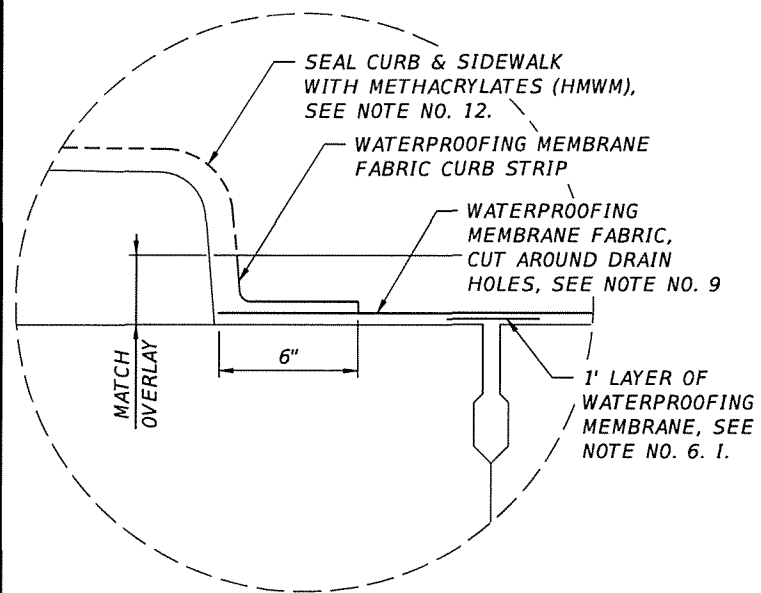
BROWARD COUNTY HIGHWAY AND  
BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



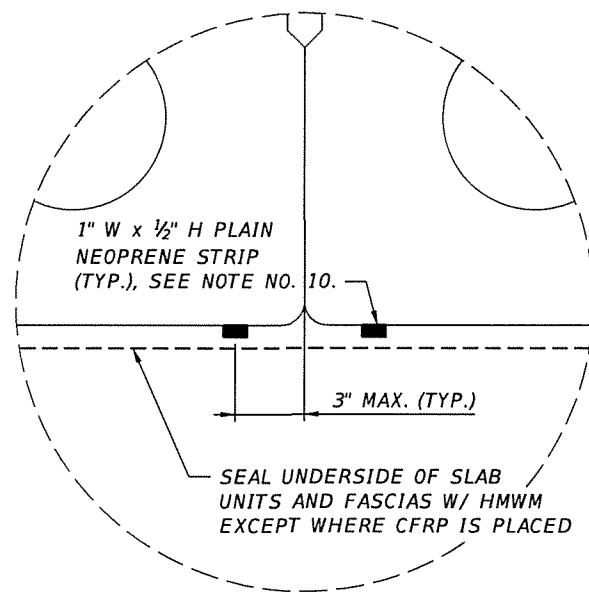
BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
DECK WATERPROOFING PROCEDURE (1 OF 2)	

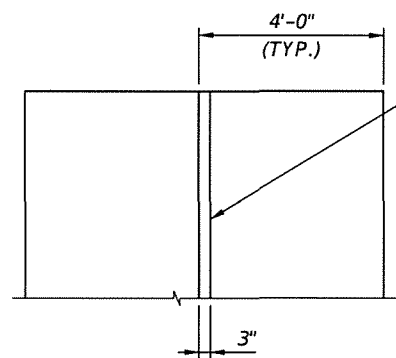
SHEET NO.
B2-8



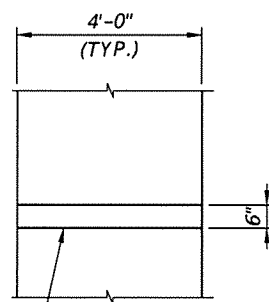
**DETAIL B**



**DETAIL C**

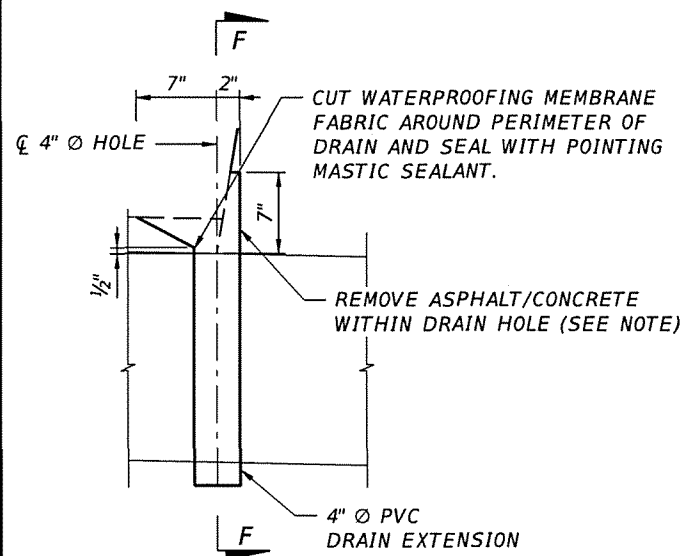


TYPICAL TRANSVERSE OVERLAP FOR WATERPROOFING MEMBRANES

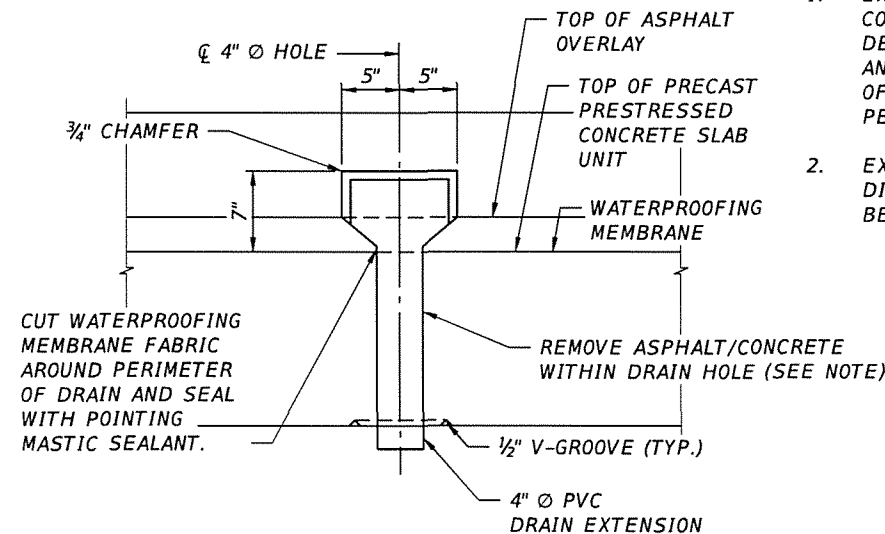


TYPICAL LONGITUDINAL OVERLAP FOR WATERPROOFING MEMBRANES

**DETAIL D**



**DETAIL E**



**SECTION F-F**

**NOTES:**

1. EXISTING CROSS SLOPE VALUE SHALL BE DETERMINED IN THE FIELD BEFORE MILLING EXISTING ASPHALT.
2. THE EXISTING ASPHALT OVERLAY THICKNESS SHALL BE FIELD VERIFIED. MILL EXISTING ASPHALT OVERLAY TO TOP OF DECK. DO NOT DAMAGE THE TOP OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS.
3. REPAIR ALL DELAMINATIONS AND SPALLS ON THE TOPS OF THE PRECAST PRESTRESSED CONCRETE SLAB UNITS, AS PER DETAILS ON SHEET NO. 10 "SPALL AND CRACK REPAIRS DETAILS".
4. APPLY WATERPROOFING MEMBRANE FABRIC AS PER FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2000) SECTION 518 "PAVEMENT WATERPROOFING FABRIC" AND IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
5. FOR WATERPROOFING CONSTRUCTION LIMITS, REFER TO DECK WATERPROOFING PROCEDURE (1 OF 2) SHEET.
6. WATERPROOFING APPLICATION SHALL FOLLOW THESE STEPS:
  - I. A MINIMUM 1 FOOT WIDE WATERPROOFING FABRIC SHALL BE PLACED CENTERED ALONG LONGITUDINAL SHEAR KEYS BETWEEN SLAB UNIT ENDS.
  - II. STARTING FROM THE LOW CROSS SLOPE POINT, WATERPROOFING FABRIC SHALL BE PLACED IN A SHINGLE PATTERN. OVERLAPS SHALL FOLLOW DETAIL D.
  - III. AT CURBS, AN ADDITIONAL WATERPROOFING STRIP SHALL BE PROVIDED EXTENDING 6IN ONTO THE HORIZONTAL AND MATCH THE ASPHALT OVERLAY THICKNESS ON THE VERTICAL FACE. SEE DETAIL B.
7. ROLL MEMBRANE FIRMLY TO ELIMINATE WRINKLES AND AIR POCKETS.
8. WATERPROOFING FABRIC SHALL BE CUT AT BENT EXPANSION JOINTS 6" FROM THE EDGES OF THE DECK TO ACCOMMODATE THE EXPANSION JOINT NOSING.
9. WATERPROOFING TERMINATIONS SHALL BE SEALED WITH POINTING MASTIC SEALANT. INCLUDING AROUND BRIDGE DRAIN HOLES.
10. PLACE PLAIN NEOPRENE STRIPS GLUED WITH EPOXY ALONG LONGITUDINAL EDGES OF SLAB UNITS, OMITTING LOCATIONS WHERE CFRP LAMINATES ARE PROVIDED, SEE DETAIL C. THE NEOPRENE STRIPS SHALL BE PLACED PRIOR TO THE APPLICATION OF METHACRYLATES (HMWM).
11. APPLY METHACRYLATES (HMWM) PER FDOT SPECIFICATION SECTION 413 AS SHOWN. OMIT APPLICATION OF SAND DURING METHACRYLATES (HMWM) APPLICATION. DO NOT APPLY METHACRYLATES (HMWM) OVER AREAS TO RECEIVE CFRP LAMINATES.
12. CLEAN AND SEAL ALL EXPOSED CONCRETE SURFACES INCLUDING UNDERSIDE OF SLAB UNITS, SIDEWALK, CURB, OVERHANG, EXCEPT WHERE CFRP LAMINATE IS PLACED.

**BRIDGE DRAIN NOTES:**

1. EXISTING DRAIN HOLES HAVE PREVIOUSLY FILLED WITH CONCRETE AND/OR COVERED WITH ASPHALT OVERLAY. CONTRACTOR TO REMOVE CONCRETE AND ASPHALT TO RESTORE BRIDGE DRAINS TO THEIR ORIGINAL CONDITION AS DETAILED ABOVE AT DRAIN LOCATIONS IDENTIFIED IN THESE PLANS (6 DRAINS). CONTRACTOR SHALL SUBMIT MEANS AND METHODS SUCH AS SAW CUTTING. CORE DRILLING (CORE DRILLING DIAMETER SHALL NOT EXCEED THE DIAMETER OF THE EXISTING DRAIN HOLES). DRILLING AND SHIPPING TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PERFORMING THE WORK.
2. EXTEND EXISTING BRIDGE DRAINS BY CLEANING THE EXISTING EXPOSED PVC PIPE ENDS AND EPOXY GLUING NEW 4" DIAMETER PVC PIPE EXTENSIONS TO EXISTING PVC PIPES SO THAT THE PIPE EXTENSIONS EXTEND 2" MINIMUM BELOW BOTTOM OF SLAB UNITS.

Bridge No. 864006

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

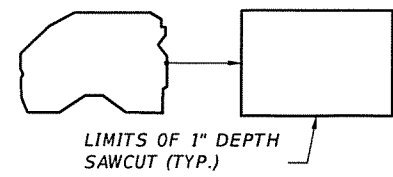
BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
DECK WATERPROOFING PROCEDURE (2 OF 2)	

SHEET NO.
B2-9

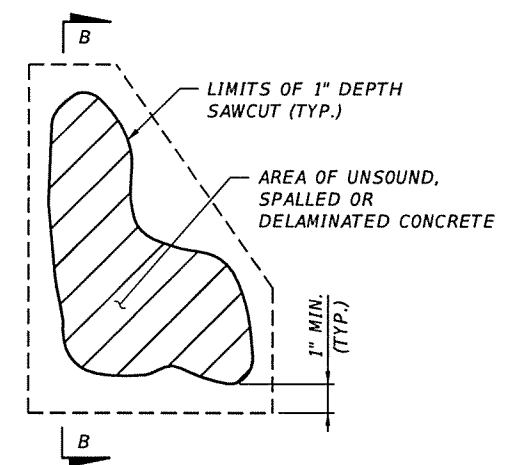


LIMITS OF 1" DEPTH SAWCUT (TYP.)

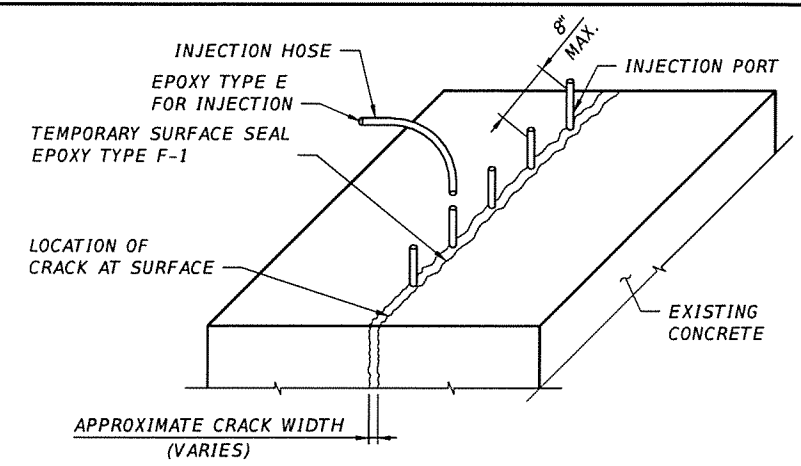
BOUNDARY OF LOOSE, SPALLED AND/OR DELAMINATED CONCRETE

RECOMMENDED LAYOUT OF AREA TO BE REPAIRED

**TYPICAL SPALL/DELAMINATION REPAIR CONFIGURATIONS**

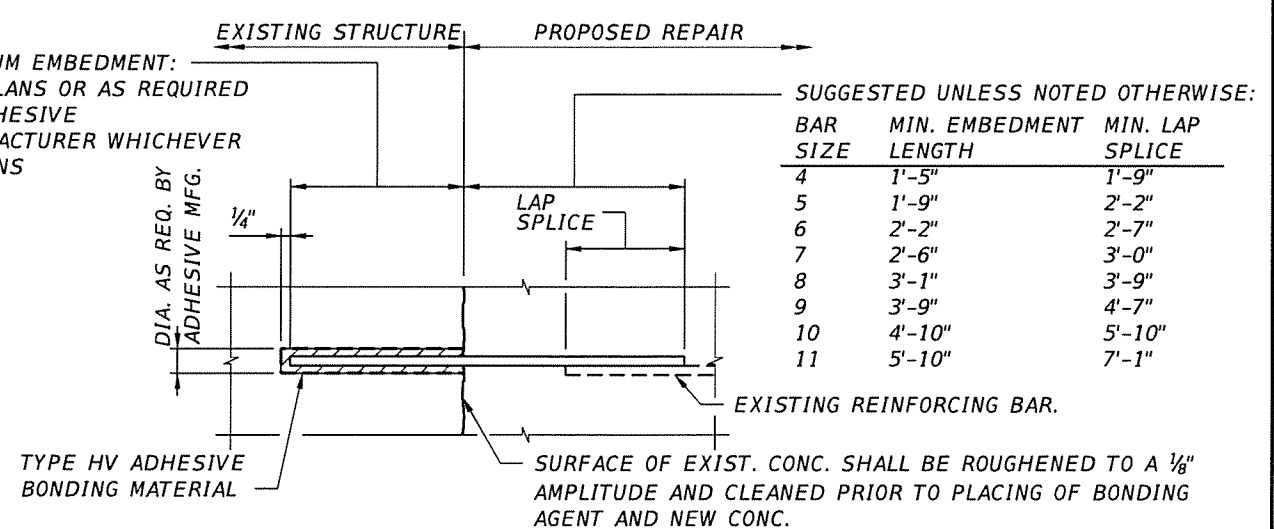


**PARTIAL DEPTH REPAIR PLAN**



**EPOXY INJECT AND SEAL CRACK REPAIR**

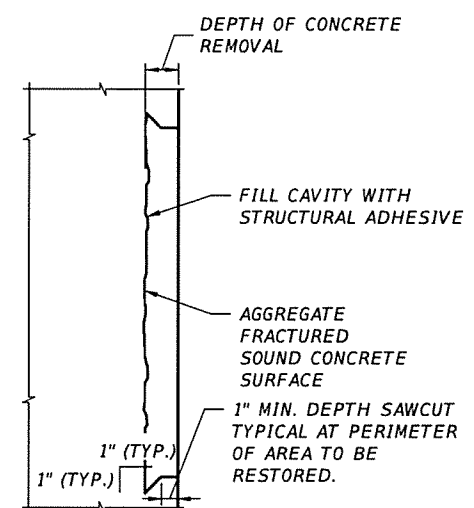
MINIMUM EMBEDMENT: PER PLANS OR AS REQUIRED BY ADHESIVE MANUFACTURER WHICHEVER GOVERNS



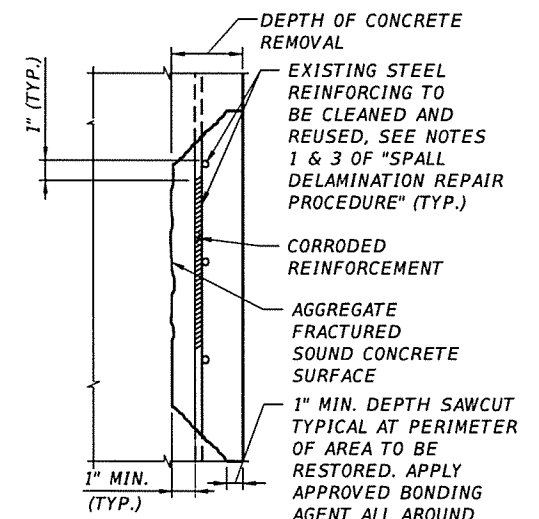
**DOWEL DETAIL**

SUGGESTED UNLESS NOTED OTHERWISE:

BAR SIZE	MIN. EMBEDMENT LENGTH	MIN. LAP SPLICE
4	1'-5"	1'-9"
5	1'-9"	2'-2"
6	2'-2"	2'-7"
7	2'-6"	3'-0"
8	3'-1"	3'-9"
9	3'-9"	4'-7"
10	4'-10"	5'-10"
11	5'-10"	7'-1"



**SECTION B-B NO EXPOSED REINF.**



**SECTION B-B EXPOSED REINF.**

**DOWEL PROCEDURE**

- HOLES FOR DOWEL BARS SHALL BE SOUND AND THOROUGHLY CLEANED AS PER MANUFACTURER'S RECOMMENDATIONS PRIOR TO PLACING EPOXY AND DOWELS.
- HOLES SHALL HAVE A MINIMUM OF 3" CLEARANCE FROM THE EDGE OF THE CONCRETE.
- LENGTH OF DOWEL EMBEDMENT SHALL BE SET IN A STRUCTURAL ADHESIVE BONDING COMPOUND DESIGNATED AS TYPE HV. SEE FDOT APPROVED PRODUCTS LIST (APL) AND FDOT STANDARD SPECIFICATIONS SECTIONS 416 AND 937 FOR DETAILS.
- WHERE REINFORCING STEEL IS ENCOUNTERED, SHIFT THE HOLE TO CLEAR AND FILL THE UNUSED DRILLED HOLE WITH EPOXY.
- THE SUGGESTED MINIMUM REQUIRED EMBEDMENT LENGTH FOR DOWEL BARS EXTENDING INTO THE PROPOSED REPAIR IS SHOWN. THIS EMBEDMENT LENGTH MAY VARY AT LOCATIONS REQUIRING LAPPING TO PROPOSED REINFORCING, ETC. AS DETAILED IN THESE PLANS.

**SPALL/DELAMINATION REPAIR PROCEDURE**

- CONTRACTOR SHALL USE EXTREME CAUTION NOT TO DAMAGE EXISTING REINFORCING STEEL. REINFORCING STEEL SHALL BE MEDIA BLASTED TO A SSPC SP10 CONDITION. IF ANY REINFORCING STEEL IS DAMAGED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR ADDITIONAL INSTRUCTIONS ON THE APPLICABLE REPAIR. ANY REINFORCING STEEL THAT IS DAMAGED BY THE CONTRACTOR IS TO BE REPAIRED AT NO COST TO THE COUNTY.
- PROVIDE AN AGGREGATE-FRACTURED SOUND CONCRETE SURFACE WITH AN APPROXIMATE SURFACE PROFILE AMPLITUDE OF 1/8" BY USE OF SCRABBLER OR OTHER APPROPRIATE MEANS AS NECESSARY.
- IF THE EXISTING REINFORCEMENT HAS LOST MORE THAN 20% OF ITS CROSS SECTION, A NEW BAR OF EQUAL SIZE (DIAMETER) SHALL BE DRILLED AND EPOXIED WITH AN EMBEDDED LENGTH AND/OR LAP SPLICE AS INDICATED IN THESE PLANS. IN NO CASE SHALL ANY REBAR BE PLACED WITH A COVER LESS THAN EXISTING COVER.
- PLACE FORM WORK. FORM WORK MAY BE SUPPORTED BY STAINLESS STEEL INSERTS WHERE REQUIRED. STAINLESS STEEL INSERTS WILL BE LOCATED IN SOUND CONCRETE AND MAY REMAIN IN PLACE. STAINLESS STEEL INSERTS LEFT IN PLACE SHALL BE RECESSED AT LEAST 1" AND PATCHED.
- THE CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF FDOT STANDARD SPECIFICATIONS SECTION 930. PLACE THE LATEX MODIFIED PORTLAND CEMENT MORTAR/CONCRETE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

**GENERAL CRACK REPAIR PROCEDURE:**

- ALL CRACKS CALLED OUT TO BE REPAIRED IN THESE PLANS ARE NON STRUCTURAL AND SHALL BE REPAIRED IN ACCORDANCE WITH SECTIONS 400-21, 411 AND 413 OF FDOT SPECIFICATIONS.
- SOUND TEST AROUND THE CRACKS PRIOR TO INJECTING TO ASSURE THAT IT IS NOT DELAMINATED. IF CONCRETE AROUND THE CRACK IS DELAMINATED, REPAIR AS A DELAMINATION PRIOR TO REPAIRING CRACK.
- EPOXY INJECTION CONCRETE WITH CRACKS WIDTH EQUAL OR GREATER THAN 3/16".
- USE TYPE F-1 COMPOUND EPOXY FOR SEALING CRACK SURFACES IN PREPARATION FOR INJECTION. REFER TO SECTION 411 OF STANDARD SPECIFICATIONS FOR ADDITIONAL INFORMATION. GRIND OFF THE EXCESS EPOXY AND PORTS TO THE EXISTING PROFILE AFTER EPOXY INJECTION IS COMPLETED AND EPOXY HAS SET.

**SPALL/DELAMINATION REPAIR DETAILS**

Bridge No. 864006

REVISIONS				
DATE	NO.	REMARKS	BY	DATE

BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION  
1600 BLOUNT ROAD  
POMPANO BEACH, FL 33069



BRIDGE REPAIRS	
ROAD	HBMD PROJ. NO.
CORAL SPRINGS DR.	2022-1-119

CORAL SPRINGS DR. OVER W. OUTFALL CANAL	
SPALL & CRACK REPAIR DETAILS	

SHEET NO.
B2-10



REPAIR MISSING PATCH. SEE SPALL/DELAMINATION REPAIR PROCEDURE.

UNIT 1-1 -SOUTH FACE



PRESSURE WASH AND APPLY CLASS 5 COATING OVER GRAFFITI

CONCRETE UNDERSIDE OF SLAB UNITS CLEANING NOTES:

1. PRESSURE WASH UNDERSIDE OF SLAB UNITS.
2. UPON COMPLETION OF PRESSURE WASHING IF GRAFFITI IS STILL VISIBLE, APPLY CLASS 5 COATING (COLOR 23717).

UNDERDECK SLAB UNITS.

Bridge No. 864006

REVISIONS					BROWARD COUNTY HIGHWAY AND BRIDGE MAINTENANCE DIVISION 1600 BLOUNT ROAD POMPANO BEACH, FL 33069		BRIDGE REPAIRS		CORAL SPRINGS DR. OVER W. OUTFALL CANAL	SHEET NO.  B2-11
DATE	NO.	REMARKS	BY	DATE			ROAD	HBMD PROJ. NO.		
							CORAL SPRINGS DR.	2022-1-119	CONSTRUCTION DETAILS	

**SUNSHINE  
WATER CONTROL DISTRICT**

**STAFF  
REPORTS  
EII**

**SUNSHINE WATER CONTROL DISTRICT**

**BOARD OF SUPERVISORS FISCAL YEAR 2022/2023 MEETING SCHEDULE**

**LOCATION**

*La Quinta Inn Coral Springs, 3701 N. University Drive, Coral Springs, Florida 33065*

<b>DATE</b>	<b>POTENTIAL DISCUSSION/FOCUS</b>	<b>TIME</b>
<b>October 12, 2022</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>November 9, 2022</b>	<b>401(a) Committee Meeting</b>	<b>6:00 PM</b>
<b>November 9, 2022</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>December 7, 2022*</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>January 11, 2023</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>February 8, 2023</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>March 8, 2023</b>	<b>Landowners' Meeting &amp; Regular Meeting</b>	<b>6:30 PM</b>
<b>April 12, 2023</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>May 10, 2023</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>June 14, 2023</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>July 12, 2023</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>August 9, 2023</b>	<b>Regular Meeting</b>	<b>6:30 PM</b>
<b>September 13, 2023</b>	<b>Public Hearing &amp; Regular Meeting</b>	<b>6:30 PM</b>

**Exception:**

*\*December meeting is one week earlier to accommodate Coral Springs Holiday Parade*