

*****MEMORANDUM*****

DATE: April 24, 2025

TO: South Broward Drainage District Commissioners

FROM: Luis Ochoa, P.E.
District Director

Subject: Pipeliner for NW 86th Ave & NW 3rd St in Pembroke Pines

Comments:

On the morning of March 25, 2025 SBDD was notified of a possible pipe collapse within the City of Pembroke Pines (COPP) on NW 86th Avenue & NW 3rd Street. SBDD staff met with COPP staff at the location and confirmed the partial pipe collapse on the east side of NW 86th Avenue within SBDD Basin 1. The culvert in question is a 54" Corrugated Metal Pipe that was installed back in 1977 (Pipe ID # 1-29). The following morning, a diver for SBDD was able to sleeve the existing pipe with a 15" HDPE and 18" Corrugated Aluminum Pipe to allow for continued flow until the existing pipe could be repaired/replaced.

In coordination with COPP, SBDD has received two proposals for a new 54" CIPP liner to repair and line the pipe without having to replace the existing pipe or dig-up the roadway. The two quotes are based on using competitively bid contracts the vendors currently have in place with other governmental agencies within the State for the same type of work ("piggy-backing"). The two proposals are as follows:

Shenandoah General Construction, LLC.	\$ 183,602	(Broward College Contract)
Hinterland Group, Inc.	\$ 131,925	(Polk County Contract)

SBDD staff has reviewed the two proposals and have determined that both Contractors are qualified to perform the work.

In further communication with COPP City Engineer Karl Kennedy, P.E., and SBDD staff have discussed the possibilities of a 50% cost share on the repairs of the culvert with the COPP administering the contract. SBDD staff recommends that the District agree to a 50 % cost-share for the culvert repair with an estimated cost of \$ 65,963 based on the Hinterland Group, Inc. proposal.

Financial impacts to this Agenda Item: The estimated cost of \$65,963 will be funded through Line Item # 1731 – Slip-Line of the General Operating Account.

This request is to allow SBDD to partner with COPP on the 50% cost-share for the culvert repair at an estimated cost of \$ 65,963 with funding through the General Operating Account.

LO
Attachment

1888 NW 22nd Street
(772) 202-3260



SHENANDOAH

Pipe Inspection & Restoration Specialist

Pompano Beach, FL, 33069
shenandoahus.com

PROPOSAL: P39314

DATE: April 14, 2025

SUBMITTED TO: South Broward Drainage District

STREET: 6591 SW 160 Ave.

CITY, STATE & ZIP: Southwest Ranches, FL. 33331

ATTENTION: Luis Ochoa

PHONE: (954) 680-9420

EMAIL: luis@sbdd.org

JOB NAME: NW 86th Ave Pipe Repair & CIPP

We propose to furnish a crew and all necessary equipment to excavate area above collapse 54 in pipe, remove 15 in and 18 in inserted in 54in, install 54" CMP pipe as point repair at collapsed section, clean, Pre-Video, CIPP Liner, Post Video, Restoration of disturbed area including sod and 4" thick sidewalk over pipe trench at the above mentioned job location. This work will be performed at our following hourly and/or unit prices:

126 Mobilization	(at \$500.00 Lump Sum)	1 Lump Sum	\$500.00
77 Heavy Clean 54 in	(at \$19.00 Per Ft)	85 Per Ft	\$1,615.00
2 Video Observation 49 in to 72 in	(at \$15.00 Per Ft)	85 Per Ft	\$1,275.00
35 CIPP 54 in	(at \$540.00 Per Ft)	85 Per Ft	\$45,900.00
96 Construction Foreman CIPP	(at \$70.00 Per Hour)	40 hour(s)	\$2,800.00
97 Equipment Operator CIPP	(at \$150.00 Per Hour)	30 hour(s)	\$4,500.00
98 Laborer CIPP	(at \$40.00 Per Hour)	120 hour(s)	\$4,800.00
103 Tracked or Wheeled Excavator CIPP	(at \$50.00 Per Hour)	30 hour(s)	\$1,500.00
101 Diving Crew (If Needed) CIPP	(at \$450.00 Per Hour)	20 hour(s)	\$9,000.00
126 Mobilization	(at \$500.00 Each)	1 Each	\$500.00
10 6" Hydraulic Pump	(at \$40.00 Per Hour)	80 hour(s)	\$3,200.00
7 48"-60" Plug install & remove	(at \$1.00 Per. Week)	2 Per. Week	\$2.00
96 Construction Foreman	(at \$70.00 Per Hour)	80 hour(s)	\$5,600.00
97 Equipment Operator	(at \$150.00 Per Hour)	160 hour(s)	\$24,000.00
98 Laborer	(at \$40.00 Per Hour)	240 hour(s)	\$9,600.00
99 Pipe Layer	(at \$42.00 Per Hour)	80 hour(s)	\$3,360.00
103 Track Excavator	(at \$50.00 Per Hour)	80 hour(s)	\$4,000.00
105 Wheel Loader	(at \$45.00 Per Hour)	80 hour(s)	\$3,600.00
108 Double Drum Compactor	(at \$25.00 Per Hour)	40 hour(s)	\$1,000.00
111 Dump Truck with Operator	(at \$70.00 Per Hour)	160 hour(s)	\$11,200.00
112 Dewatering	(at \$85.00 Per Hour)	120 hour(s)	\$10,200.00
113 Asphalt Pavement Replacement (10x10x2")	(at \$350.00 Per Ton)	4 Ton(s)	\$1,400.00
114 Limerock (10x10x8")	(at \$25.00 Per Ton)	8 Ton(s)	\$200.00
115 Dirt	(at \$25.00 Per Ton)	400 Ton(s)	\$10,000.00
116 Driveway Sidewalk 4" Remove and Restore (20'x4')	(at \$25.00 Per Sq.Ft)	80 Sq.Ft	\$2,000.00
120 Bahia Sod	(at \$1.50 Per Sq.Ft)	4500 Sq.Ft	\$6,750.00
125 Silt Screen Installation & Removal	(at \$300.00 Each)	2 Each	\$600.00
127 Material Pass Through +10% Makrup (pipe, bands, misc)	(at \$14,500.00 Estimated)	1 Estimated	\$14,500.00

ESTIMATED TOTAL:

\$183,602.00

NOTES: permitting excluded from this proposal. Proposal is an ESTIMATE ONLY and reflects piggyback rates of Broward College Contract# RFP-2024-082-OA. Final quantities to be billed to customer

NOTE: Shenandoah Construction is not an engineering firm nor does it assume responsibility for any engineering design; therefore, we offer this proposal as our professional recommendation and interpretation of what could potentially work for the client or owner

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needs. By accepting this proposal, the client or owner accepts Shenandoah Construction recommendations to proceed with the work as described above.

PAYMENT: This proposal may be withdrawn if not accepted within 30 days. Payment terms net 30 days.
(If we encounter an Insurance compliance fee requirement, this fee will be invoiced in addition to the above rates.)

MATERIALS AND WORKMANSHIP: All materials will meet the specified standards, and all work will be done professionally according to industry practices.

ESTIMATE AND CONDITIONS: The price is based on current conditions and may change if there are unforeseen issues that could not be seen during Shenandoah's field visit or scope changes. The estimate is for guidance only; final costs depend on actual work and conditions. Shenandoah General Construction, LLC may adjust the estimate, as necessary.

EXCLUSIONS: Engineering, permits, testing, and bonds are not included in the pricing unless specifically noted.

INSURANCE: The owner is responsible for carrying necessary insurance, such as fire and tornado. Our workers are fully insured under Workman's Compensation.

WAIVER OF CLAIMS: Both parties waive all tort claims against each other and limit any claims to breach of contract only.

SURCHARGES AND FEES: An Environmental Surcharge of \$30 will be added to all invoices to cover proper waste disposal and environmental compliance. Fuel surcharges are as follows: CCTV Truck \$60/day, Vac Truck \$90/day, Combo Vac & CCTV Truck \$120/day, and Vac & Support Truck \$90/day.

TRAVEL TIME AND CANCELLATIONS: Same-day job cancellations may be subject to an \$800.00 cancellation fee.

SIGNATURE:

SHENANDOAH GENERAL CONSTRUCTION, LLC
Robson Lima

TITLE
Estimator

DATE
04/14/2025

ACCEPTANCE OF PROPOSAL / SIGN & RETURN

The above prices, specification and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified.

SIGNATURE: _____

DATE: _____

COMPANY NAME: _____

REPRESENTATIVE: _____

TITLE: _____

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Hinterland Group Inc.
2051 West Blue Heron Blvd
Riviera Beach, FL 33404
Info@HinterlandGroup.com

South Broward District Drainage
Attn: Andrew Sabrino
Assistant District Director
6591 Southwest 160th Avenue
[Southwest Ranches, FL 33331](mailto:SouthwestRanches,FL33331)
Andrew@SBDD.org

954-680-3337

PROPOSAL # 25-0130-01

4/22/2025

SBDD - 8594 NW Third St

Item	Description	Qty	Unit	Unit Price	Extended Price
15	Furnish & Install 54" CIPP Lining (27mm)	87	LF	\$ 275.00	\$23,925.00
	Mobilization	1	LS	\$ 36,000.00	\$36,000.00
	MOT	1	LS	\$ 36,000.00	\$36,000.00
	Dewatering & Cleaning	1	LS	\$ 36,000.00	\$36,000.00
	*proposal includes exposing 54" collapse for liner install backfill and restoration for jobsite mobilize to clean and inspect week of 4/28 *Polk County Piggyback				

Grand Total: \$131,925.00

Exclusions from Scope:

1. Permitting and Bonding
2. Any major MOT required (road closures, lane closures, detours, etc.)
3. Sizes shown on plans are assumed to be correct
4. This quote does not provide any bypass or manhole lining
5. Hinterland will not be held liable for line collapse during clean and tv due to the unknown condition of existing pipe.
6. Any other work not specifically listed in inclusions above
7. Hinterland is not responsible for pipe collapse during calcium deposit removal due to unknown conditions located in host pipe

NOTE: Due to the fragile condition of the existing pipe(s), the possibility of the pipe collapsing exists during the construction phase. If this unlikely event occurs, we will provide you with an additional estimate for a necessary point repair to complete the lining process. Due to the poor condition of the original host pipe, residual settling may appear at the surface grade post lining. This condition is not covered under warranty. Unforeseen conditions can affect the amount of time to complete the work, therefore increasing or decreasing estimate.

ALL PO's/Contractual Issuances are to be emailed to: info@hinterlandgroup.com

Prepared By:

Butch Forrester
bforrester@hinterlandgroup.com
Office: (561) 640-3503
Mobile: (813) 296-4151

Accepted By: _____

Date: _____