



**Alabama State Port Authority**  
**Addendum to R&P or Specification Booklet**

**Project Name** ASPA Logistics Park Civil Infrastructure Improvements

**Project No.** 11271 **Task No.** 01 **Addendum No.** 1

**To:** Prospective Bidders

**Date:** 4/30/2025

The following items are clarifications to questions received. These items are hereby included in the bid documents by this addendum.

Item	Description
1.	The Pre-Bid sign in sheet is attached and is hereby incorporated into the bid documents by this addendum.
2.	<b>Question:</b> We request a profile of the 5 existing drains to receive CIPP lining as that info is necessary for the design of the CIPP pipes. <b>Answer:</b> The flowline information is shown on Sheet 8, Demo Sheet – Additive 1.
3.	<b>Question:</b> Will there be any work at the retention area at the north end of the 5 drain lines in the base work as access there is very poor. <b>Answer:</b> No work will be done here except either filling the pipes or CIPP the pipes.
4.	<b>Question:</b> The ALDOT specs are silent on the design condition of the CIPP, so we would like clarification. If design is to be based on partly-deteriorated or fully-deteriorated host pipe as will affect the design thickness and cost. <b>Answer:</b> The CIPP should be designed for fully-deteriorated pipes using Cooper E-80 loading requirements as stated in Project Note 11.
5.	<b>Question:</b> Can you advise the groundwater level at the facility where the pipes will be lined as also impacts design being this deep. <b>Answer:</b> The outlet area is tidally influenced. Further information regarding the conditions of the pipe is provided in the attached report.
6.	Attached for information only is the annual inspection report of the (7) 60" pipes.
7.	Attached for information only is an aerial view of the areas that will be accessible to the contractor to perform pipe plugging and CIPP.
8.	The following license classifications are added as acceptable licenses for bidding on this project. <ul style="list-style-type: none"><li>• MU (Municipal &amp; Utility)</li></ul>

**Please indicate your receipt of this addendum by adding the addendum number in the appropriate place in your Requisition & Proposal or Specification Book.**

Sean Kelly 04/30/2025  
Sean Kelly, P.E. Date  
Project Manager

January 7, 2025

Mr. Sean Kelly  
Facilities Engineer  
Alabama State Port Authority  
PO Box 1588  
Mobile, AL 36633-1588

RE: Condition Inspection of Seven 60 inch HDPE Temporary Drainage Pipes  
ICTF Garrows Bend

Dear Mr. Kelly:

On January 7, 2025 inspectors performed a condition inspection of the seven 60 inch HDPE temporary drainage pipes at ASPA's Garrows Bend ICTF. The inspection was performed by an ALDOT certified bridge inspector. The scope of work was to provide a visual, hands on condition inspection of the existing seven 60" HDPE temporary drainage pipes. Observations of damage, differential settlement, joint conditions and pipe deformation are provided as well as measurements of observed "squash" in pipes. This inspection was performed during low tide and the ICTF facility is currently in operation.

### Background and Methodology

The HDPE temporary drain pipes were installed in 2009 by contractor Phillips and Jordan. The pipes are 60 inch HDPE ADS N-12 meeting the requirements of AASHTO M294. There are seven runs of pipe spaced 30 inches apart consisting of a 637 foot straight run connected to a 383 foot straight run by an elbow fitting. The joints are water tight except for at the elbow fittings where the joints are encased in a flowable fill grout to 6 inches past the joint.

The pipes were inspected by a 8 man crew consisting of 6 inspectors and 2 hole watches. The water at the downstream end was disconnected from the receiving waters due to an extreme low tide. The water depth varied from 0 inches at the inlet to 18 inches deep at the outlet. The inspectors carried with them an O<sub>2</sub>, CO, LEL and H<sub>2</sub>S meter and an escape emergency respirator. The inspectors entered the pipes at the downstream end and inspected the pipes to the elbow, then exited the pipes and entered the pipes at the upstream end and inspected the pipes to the elbow. The inspectors entered the pipes both with use of a kayak and on foot. Observations, measurements and pictures were made inside the pipes. The pipes are numbered 1 through 7 with 1 being the eastmost pipe and 7 being the westmost pipe.

January 7, 2025

## Findings

There was no notable differential settlement that could be visually observed in the pipes. The pipes all appeared to be straight and flat on grade. The vertical height inside the pipes was measured at regular intervals and found to be 57.48 to 60.48 inches. Measurements can be found in the table included at the end of this report. All joints looked good except for at the elbow fitting; the joints at the elbow fitting are leaking water and have efflorescence. As well, there is some slight joint misalignment at the elbow fittings. Sedimentation buildup was present in all pipes and consisted of sand and muck up to 12 inches deep in pipes 5 through 7, and sand and muck up to 6 inches deep in pipes 1 through 4. Debris consisting of small quantities of rip rap, trash, and pieces of driftwood were encountered during inspection. Marine growth consisting of oysters, mussels, and barnacles is present in all pipes and is greatest towards the outlet ends. The previously repaired damage in Pipe No. 7 remains in good condition. Several small hairline cracks were observed in the inner lining of the pipes. These cracks have some leakage, likely resulting from the annular space between the inner and outer linings of the pipe where water may become entrapped during high tides. These minor cracks do not appear to extend through the outer lining of the pipes. An electrical ground rod that was driven through the top of Pipe No. 2 is located approximately 110 ft from the inlet end. The HDPE of the outer shell is sealed tightly around the rod and is not leaking. A piece of the inner liner, measuring approximately 4 inches in diameter, is broken out at the top of the pipe at the location of the ground rod. If the ground rod is removed, the pipe will need to be repaired in this location. The ground rod has the potential to catch debris. Overall, the pipes are in good condition.

Following are selected photos taken during the inspection. Additional photos were taken but are not included with this report. Copies of all photos can be provided upon request.

Please contact me if you have any questions or require further assistance.

Sincerely,



**Downstream**





**Outlet**





Upstream



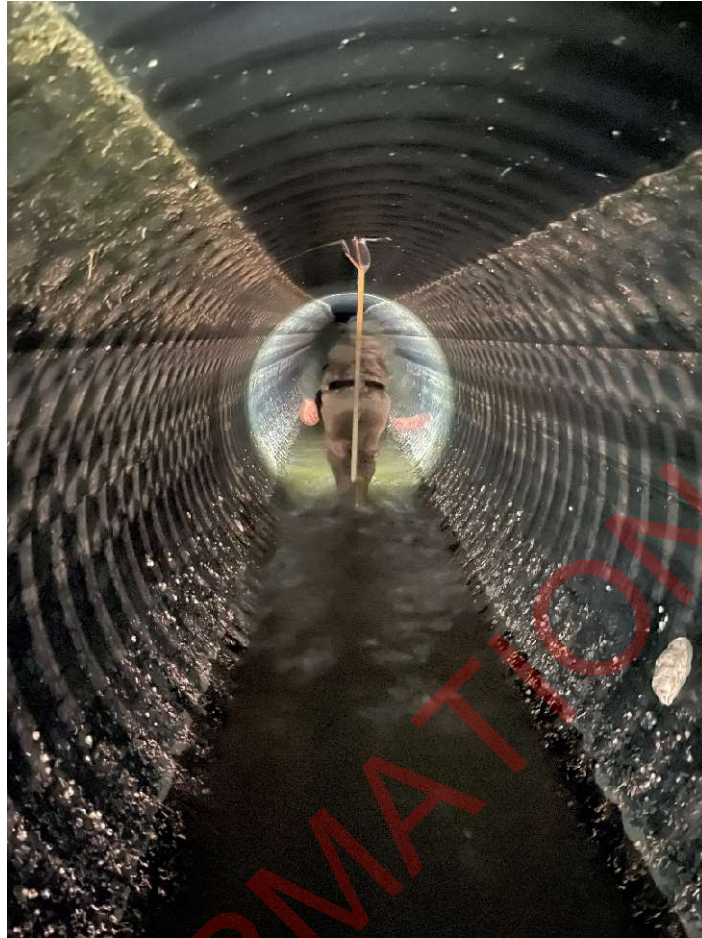


**Inlet**



**Repair in Pipe No. 7 Remains in Good Condition**





**Electrical ground rod in Pipe No. 2**

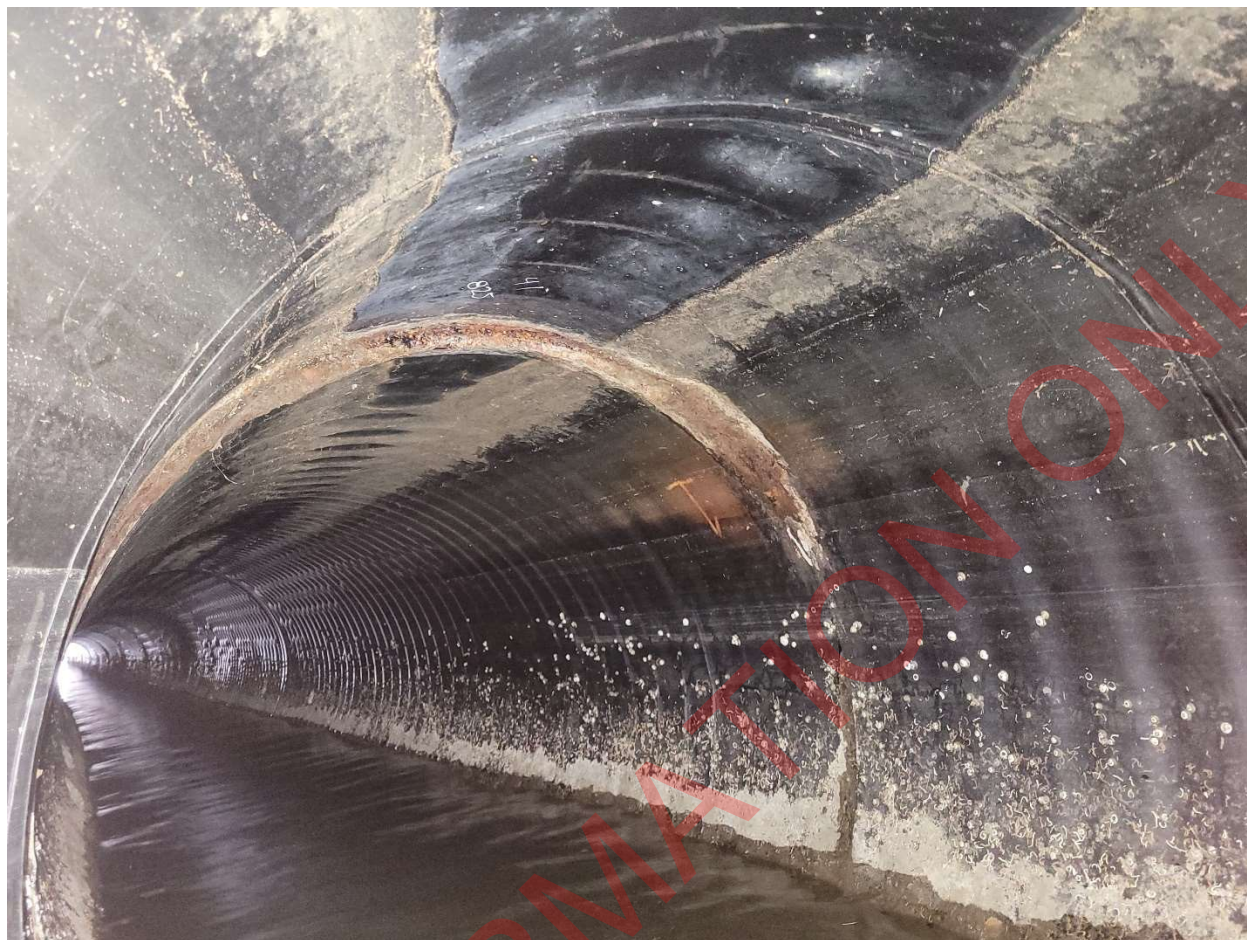


**Pipe No. 6 downstream from elbow looking upstream**





**Typical condition of pipes near outlet**



**Typical Efflorescence at Elbow Joint & Typical Marine Growth**





**Typical Minor Hairline Crack in Inner Lining of Pipe**

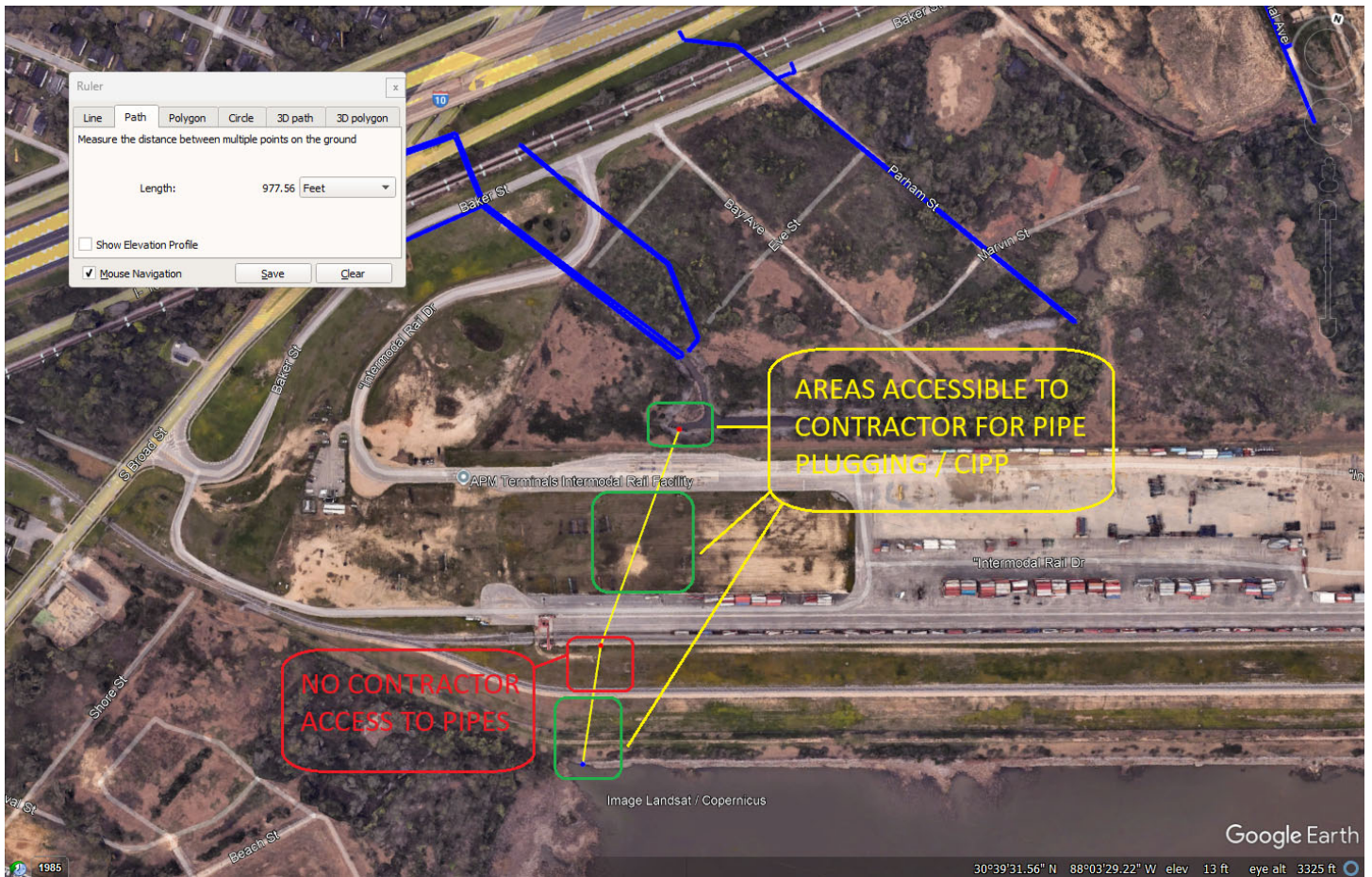
## Garrow's Bend ICTF Pipe Inspection Measurements

Date 1/7/2025

Job # 25-1101-0005

Pipe No.	Joint	Distance (ft)	Measure (ft)	Dowel (ft)	Total (ft)	Total (in)
1	10	200	1.92	3.00	4.92	59.04
	20	400	1.91	3.00	4.91	58.92
	30	600	1.92	3.00	4.92	59.04
	40	800	1.85	3.00	4.85	58.20
2	10	200	1.79	3.00	4.79	57.48
	20	400	0.73	4.29	5.02	60.24
	30	600	0.73	4.29	5.02	60.24
	40	800	0.64	4.29	4.93	59.16
3	10	200	1.84	3.00	4.84	58.08
	20	400	1.88	3.00	4.88	58.56
	30	600	1.94	3.00	4.94	59.22
	40	800	1.95	3.00	4.95	59.34
4	10	200	1.92	3.00	4.92	58.98
	20	400	0.75	4.29	5.04	60.48
	30	600	0.63	4.29	4.92	59.04
	40	800	1.92	3.00	4.92	59.04
5	10	200	1.85	3.00	4.85	58.20
	20	400	1.86	3.00	4.86	60.00
	30	600	1.91	3.00	4.91	58.86
	40	800	1.99	3.00	4.99	59.82
6	10	200	1.93	3.00	4.93	59.16
	20	400	0.71	4.29	5.00	60.00
	30	600	0.67	4.29	4.96	59.52
	40	800	0.71	4.29	5.00	60.00
7	10	200	1.91	3.00	4.91	58.92
	20	400	1.96	3.00	4.96	59.52
	30	600	1.90	3.00	4.90	58.80
	40	800	1.95	3.00	4.95	59.40







**Alabama State Port Authority**  
**Pre-Bid Meeting Attendance Sheet**

**Project Name** ASPA Logistics Park Civil Infrastructure Improvements  
**Date:** 04.25.2025

**Project #** 11271

Contractor (Business) Name	Address 1	Address 2	City, State Zip
* APAC - Alabama	7450 Hewell's Ferry Rd.		Mobile, AL 36618
Contact Name	e-mail address	Telephone	Telephone
Ken Donoghue	ken.Donoghue@apac.com	251-422-8696	
Signature	Signature	Signature	Signature

Contractor (Business) Name	Address 1	Address 2	City, State Zip
* SDAC	910 LANDLINE ROAD		SEAMA, AL 36701
Contact Name	e-mail address	Telephone	Telephone
DAVID SIMS	dsims@sdac8a.com	256-487-1732	
Signature	Signature	Signature	Signature

Contractor (Business) Name	Address 1	Address 2	City, State Zip
* Harris Contracting Services	5413 Lott rd	Semmes AL	Semmes AL
Contact Name	e-mail address	Telephone	Telephone
Christina LeBlanc	christina@harriscontractingservices.com	407-686-4411	251-372-3132
Signature	Signature	Signature	Signature

Contractor (Business) Name	Address 1	Address 2	City, State Zip
* McElhenney Construction			
Contact Name	e-mail address	Telephone	Telephone
Drew Windham	drew@mcElhenneyconst.com	228-217-7761	
Signature	Signature	Signature	Signature

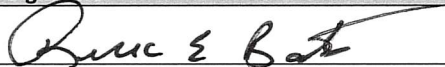





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Contractor (Business) Name	Address 1	Address 2	City, State Zip
* RAGNAR BENSON	833 FEATHERSTONE		Rockford IL 61107
Contact Name	e-mail address	Telephone	Telephone
rick bates	rick.bates@williamcharles.com	815-978-4926	
Signature	Signature	Signature	Signature
			

Contractor (Business) Name	Address 1	Address 2	City, State Zip
* Hughes Companies	3925 Antioch St.		Mobile, AL
Contact Name	e-mail address	Telephone	Telephone
Prison w Hughes	phughes@hvconline.com	251-610-9674	
Signature	Signature	Signature	Signature
			

Contractor (Business) Name	Address 1	Address 2	City, State Zip
* GET			
Contact Name	e-mail address	Telephone	Telephone
Curt Doyle	cdoyle@gcoagr.com		
Signature	Signature	Signature	Signature
			

Contractor (Business) Name	Address 1	Address 2	City, State Zip
Contact Name	e-mail address	Telephone	Telephone
Karman Richardson	karman.richardson@volkert.com		
Signature	Signature	Signature	Signature
			





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**Pre-Bid Meeting Attendance Sheet**

**Project Name** ASPA Logistics Park Civil Infrastructure Improvements  
**Date:** 04.25.2025

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Contractor (Business) Name		Address 1		Address 2		City, State Zip	
* G.A. West		1200 Radcliff Rd				Creola, AL	
Contact Name		e-mail address				Telephone	
Kristian Roe		Kristian.roe@gawest.com					
Signature		Signature		Signature		Signature	
[Signature]							

Contractor (Business) Name		Address 1		Address 2		City, State Zip	
GA West		1200 Radcliff Rd				Creola, AL	
Contact Name		e-mail address				Telephone	
Chris Stewart		Chris.Stewart@gawest.com					
Signature		Signature		Signature		Signature	
[Signature]							

Contractor (Business) Name		Address 1		Address 2		City, State Zip	
Contact Name		e-mail address				Telephone	
Signature		Signature		Signature		Signature	

Contractor (Business) Name		Address 1		Address 2		City, State Zip	
Contact Name		e-mail address				Telephone	
Signature		Signature		Signature		Signature	