

**PRE-MEETING AGENDA
MOUNTAIN BROOK CITY COUNCIL**

**PRE-COUNCIL ROOM (A106)
56 CHURCH STREET
MOUNTAIN BROOK, AL 35213**

JULY 22, 2024 6:30 p.m.

As a matter of convenience, members of the public are invited to listen, observe and participate in public meetings by Internet video conference. Presenters and others interested in a particular matter for discussion are encouraged to attend the meeting in-person. The City is not responsible for technical issues that may occur that interfere with the virtual meeting. The City Council, at its sole discretion, may proceed with its in-person business meeting regardless of whether virtual attendees can hear and/or observe the proceedings. The City intends to make the meeting available by way of the Zoom app (re: Meeting ID 831-8618-4803, password 07222024).

1. Change Order for the North Woodridge Road sidewalk project-Matt Stoops of Sain Associates (See attached information. This item may be added to the formal agenda.)
2. Reappointment of David Murdock to the Editorial Board-Sam Gaston (See attached information. This item may be added to the formal
3. Reappointment of Kitty Rogers Brown to the Editorial Board-Sam Gaston (See attached information. This item may be added to the formal agenda.)
4. Drainage/Pipe Replacement on River View Circle-Ronnie Vaughn (See attached information. This item may be added to the formal agenda.)



44 Inverness Center Parkway, Ste 120
 Birmingham, AL 35242
 P) 205-995-6163

CHANGE ORDER REQUEST
COR NUMBER: 002 REVISED

CB&A Job Number & Description:

CB&A Construction, LLC
 2024-002
 North Woodridge Sidewalks

CB&A Client Information:

City of Mountain Brook

Submitted by Name: Tyler Sample
Title: Vice President of Construction
Submitted on Date: 07.16.2024
Respond by Date: _____

Submitted to Name: Matt Stoops
Title: Project Engineer
Response by Name: _____
Date of Response: _____

REASON FOR CHANGE:

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Client Requested | <input checked="" type="checkbox"/> Added Scope of Work | <input type="checkbox"/> Revised Scope of Work |
| <input type="checkbox"/> Engineering Omission | <input type="checkbox"/> Engineering Error | <input type="checkbox"/> Engineering Revision |
| <input type="checkbox"/> Discovery Work | <input type="checkbox"/> Change in Conditions | <input type="checkbox"/> Other: _____ |

Ref. Drawings: _____

Schedule Impact Yes No No. Days _____ Cost Impact Yes No TBD

Justification for Change Requested

Deduct 54 LF of Handrail in front of Gaston's Residence
 Additional fill, grading, and Sod at Gaston's Residence
 Additional Subcontractor cost for retapping the water main per BWWB at each meter that was relocated
 Asphalt Patching at water meters due to retapping of main per BWWB.
 Additional removal of 3 trees within the ROW

Proposed Change

Handrail Deduct - (\$14,535)
 Additional fill, grading, sod - \$9,086
 Water Meter Resets - \$10,149
 Asphalt Patching - \$7,257
 Tree Removal - \$3,000

Cost of Change to scope: *Fourteen Thousand, Nine Hundred Fifty-Seven Dollars and 00/100* \$14,957.00

Client Response	Approved as Proposed	Approved per Response	Rejected per Response
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Submitted By: Tyler Sample
Digitally signed by Tyler Sample
 DN: cn=Tyler Sample, o=CB&A Construction, LLC, email=tsample@cbandac.com, c=US
 Reason: 2024.07.16 13:35:56-0500
 Signature _____
 Date 07.16.2024

Responded By: _____
 Signature _____
 Date _____

Editorial Board

Information

Contact Info:

Sam Gaston

(205) 802-3803

gastons@mtnbrook.org

Meeting Frequency:

Meets quarterly at the call of the Chairman

Term Lengths:

NA

Number of Positions:

Nine

Members

David Murdock

Position: Chairman

Term End: 01/12/2021

[edit](#)

William Galloway

Position: Member

Term End: 11/23/2024

[edit](#)

Shelby Weir

Position: Chamber Representative

Term End: N/A

[edit](#)

Sam Gaston

Position: City Manager

Term End: N/A

[edit](#)

Kitty Brown

Position: Member

Term End: 08/08/2024

[edit](#)

Lindsay Gardner

Position: Library Representative

Term End: N/A

[edit](#)

Virginia Smith

Position: Council Liaison

Term End: 11/03/2025

[edit](#)

Billy Pritchard

Position: Council Liaison

Term End: 11/01/2027

[edit](#)

Observations

INLET

camera direction >

flow >

Feet	Code	🔗	Clock	Value	Grade	Description	Remarks
000.0	ACB					Access Point Catch Basin	INLET
	MWL			5%		Miscellaneous Water Level	
000.1	SAM	01	6		4	Surface Damage Aggregate Missing	
015.8	B		4 - 6		4	Broken	
105.4	B		4 - 8		4	Broken	
132.1	SAM	01	6		x26	Surface Damage Aggregate Missing	
132.1	MWL			10%		Miscellaneous Water Level	
154.3	SAM	02	6		4	Surface Damage Aggregate Missing	
185.1	SAM	02	6		x6	Surface Damage Aggregate Missing	
196.0	ADP					Access Point Discharge Point	OUTFALL

OUTFALL

Snapshots



Access Point Catch Basin at 000.0 ft | INLET



Miscellaneous Water Level at 000.0 ft



[Grade 4] Surface Damage Aggregate Missing (start) at 000.1 ft, 6 o'clock



[Grade 4] Broken at 015.8 ft, 4 - 6 o'clock



[Grade 4] Broken at 105.4 ft, 4 - 8 o'clock



[Grade 4] Surface Damage Aggregate Missing (finish) at 132.1 ft, 6 o'clock



Miscellaneous Water Level at 132.1 ft



[Grade 4] Surface Damage Aggregate Missing (start) at 154.3 ft, 6 o'clock

Snapshots



**[Grade 4] Surface Damage Aggregate Missing (finish)
at 185.1 ft, 6 o'clock**








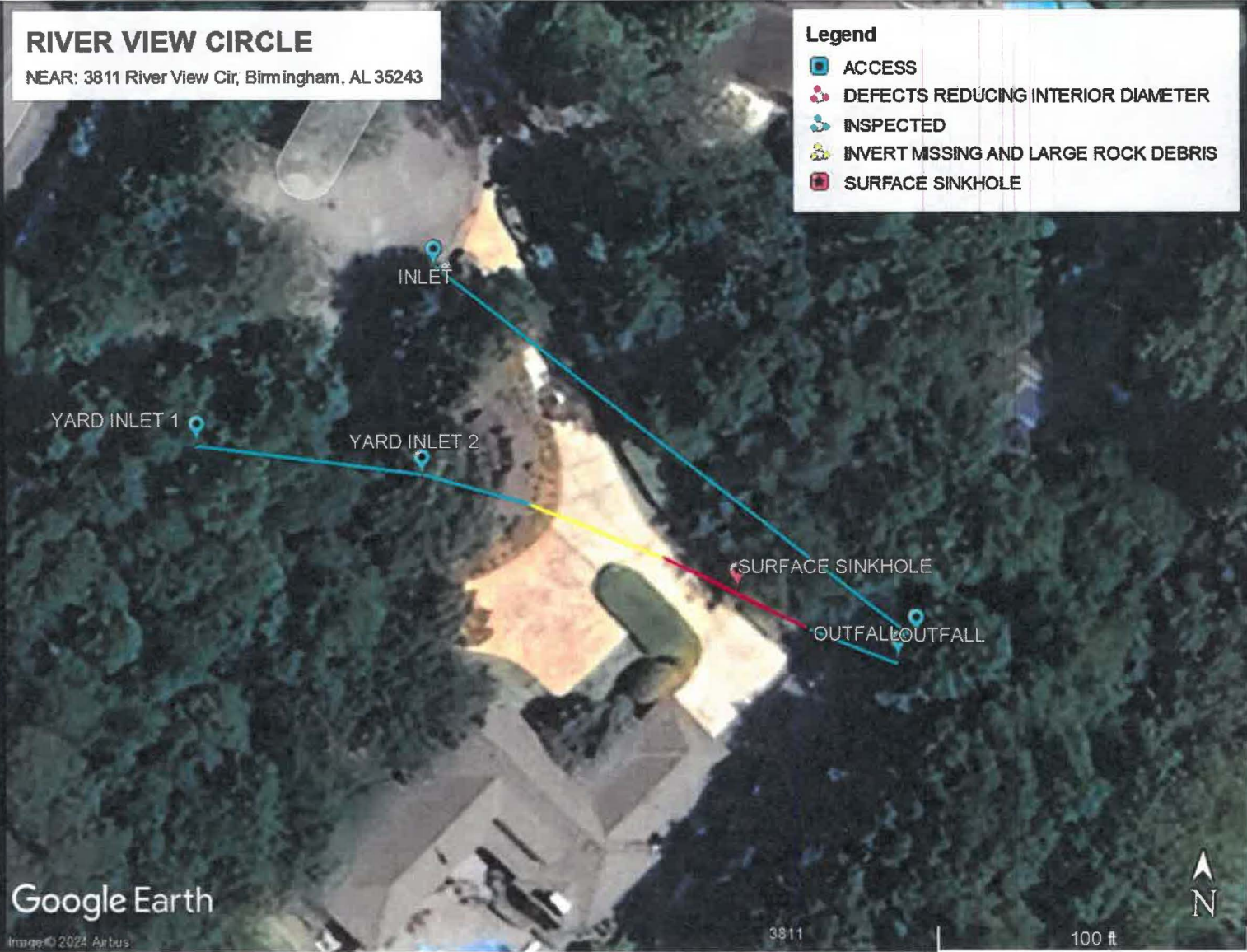
Access Point Discharge Point at 196.0 ft | OUTFALL

RIVER VIEW CIRCLE

NEAR: 3811 River View Cir, Birmingham, AL 35243

Legend

-  ACCESS
-  DEFECTS REDUCING INTERIOR DIAMETER
-  INSPECTED
-  INVERT MISSING AND LARGE ROCK DEBRIS
-  SURFACE SINKHOLE



Google Earth

Image © 2024 Airbus

3811

100 ft



YARD INLET 2 → OUTFALL

Job #: 023375-14

City: MOUNTAIN BROOK

Street: RIVER VIEW CIRCLE

Height: 36 in

Material: Reinforced Concrete Pipe

Surveyed By: JASON BROWNING

Certificate Number: U-610-9383

Purpose: Routine assessment

Inspection from Yard Inlet 2 toward Outfall

Starts with a view up Yard Inlet 2. Inspection ended before reaching outfall due to debris in invert, missing invert not allowing jetting without compromising pipe subgrade, and possible pipe collapse visible in zoom.

29 • May • 2024

000.0 ft

YARD INLET 2 → OUTFALL



Inspection from Yard Inlet 2 toward Outfall

Material change from RCP to CMP.

29 • May • 2024

029.4 ft

YARD INLET 2 → OUTFALL

Description: Miscellaneous Material Change

Remarks: CMP

Inspection from Yard Inlet 2 toward Outfall

Description: Miscellaneous Material Change. Footage of material change.

Change. Remarks: CMP.

29 • May • 2024

035.4 ft

YARD INLET 2 → OUTFALL



Inspection from Yard Inlet 2 toward Outfall

Change in pipe cut section suggest diameter or ovality change. Suggest invert is compromised and pipe is deformed from top loading.

29 • May • 2024

037.2 ft

YARD INLET 2 → OUTFALL

Description: Miscellaneous Survey Abandoned

Remarks: UNABLE TO CONTINUE INSPECTION DUE TO DEBRIS IN INVERT OF PIPE.



Inspection from Yard Inlet 2 toward Outfall

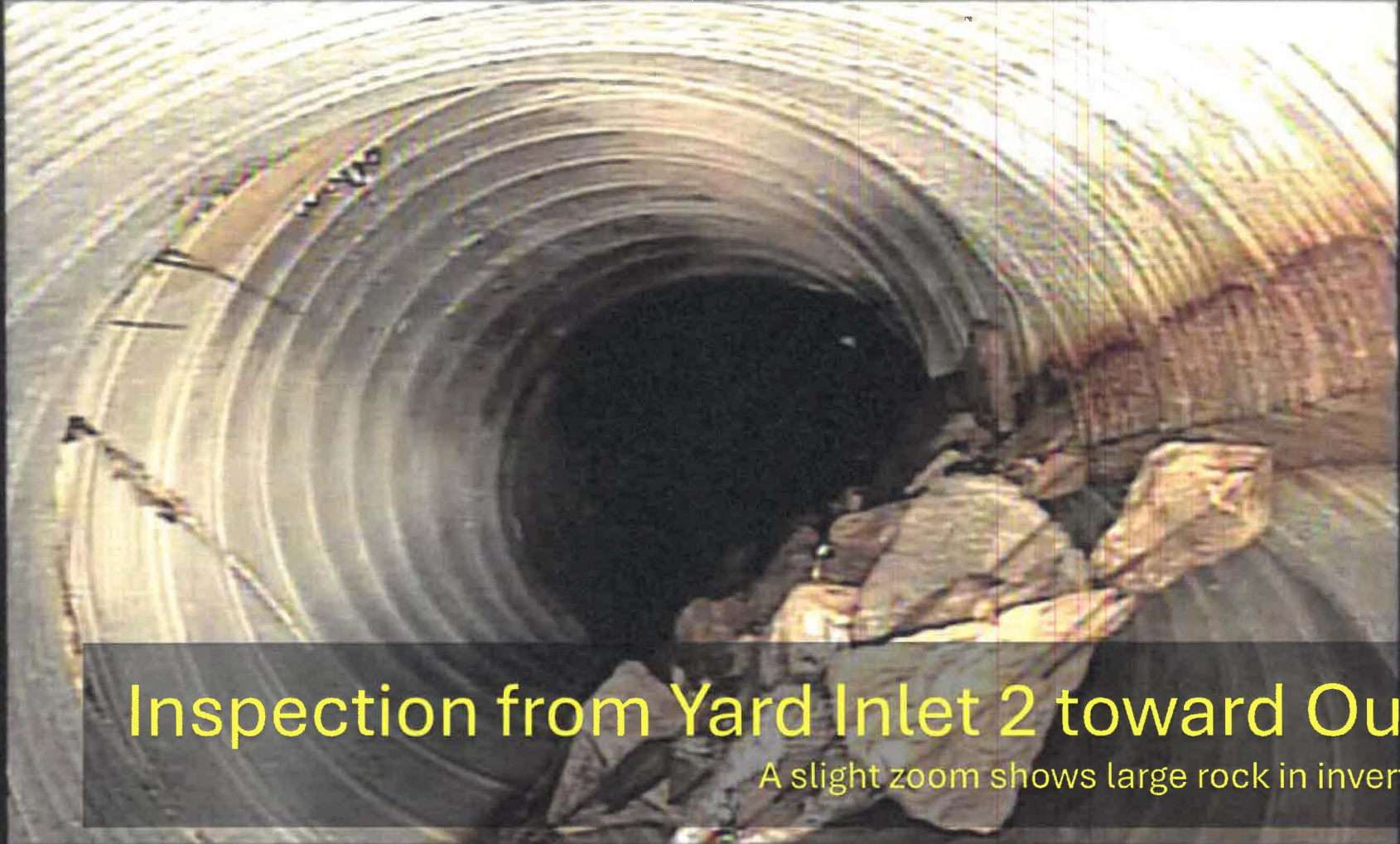
Rust line on pipe walls shows the galvanized coating removed. Views of exposed subgrade and invert condition further support a failed invert.

Description: Miscellaneous Survey Abandoned.
Remarks: UNABLE TO CONTINUE INSPECTION
DUE TO DEBRIS IN INVERT OF PIPE..

29 • May • 2024

042.1 ft

YARD INLET 2 → OUTFALL



Inspection from Yard Inlet 2 toward Outfall

A slight zoom shows large rock in invert ahead.

29 • May • 2024

041.2 ft

YARD INLET 2 → OUTFALL



Inspection from Yard Inlet 2 toward Outfall

STAR LITE

A heavy zoom shows a possible collapse.

29 • May • 2024

041.2 ft

05:56



Inspection from Yard Inlet 2 toward Outfall

Yard Inlet 2.



Surface Conditions on 6/28/2024
Sinkhole / Excavation



Surface Conditions on 6/28/2024
Sinkhole / Excavation

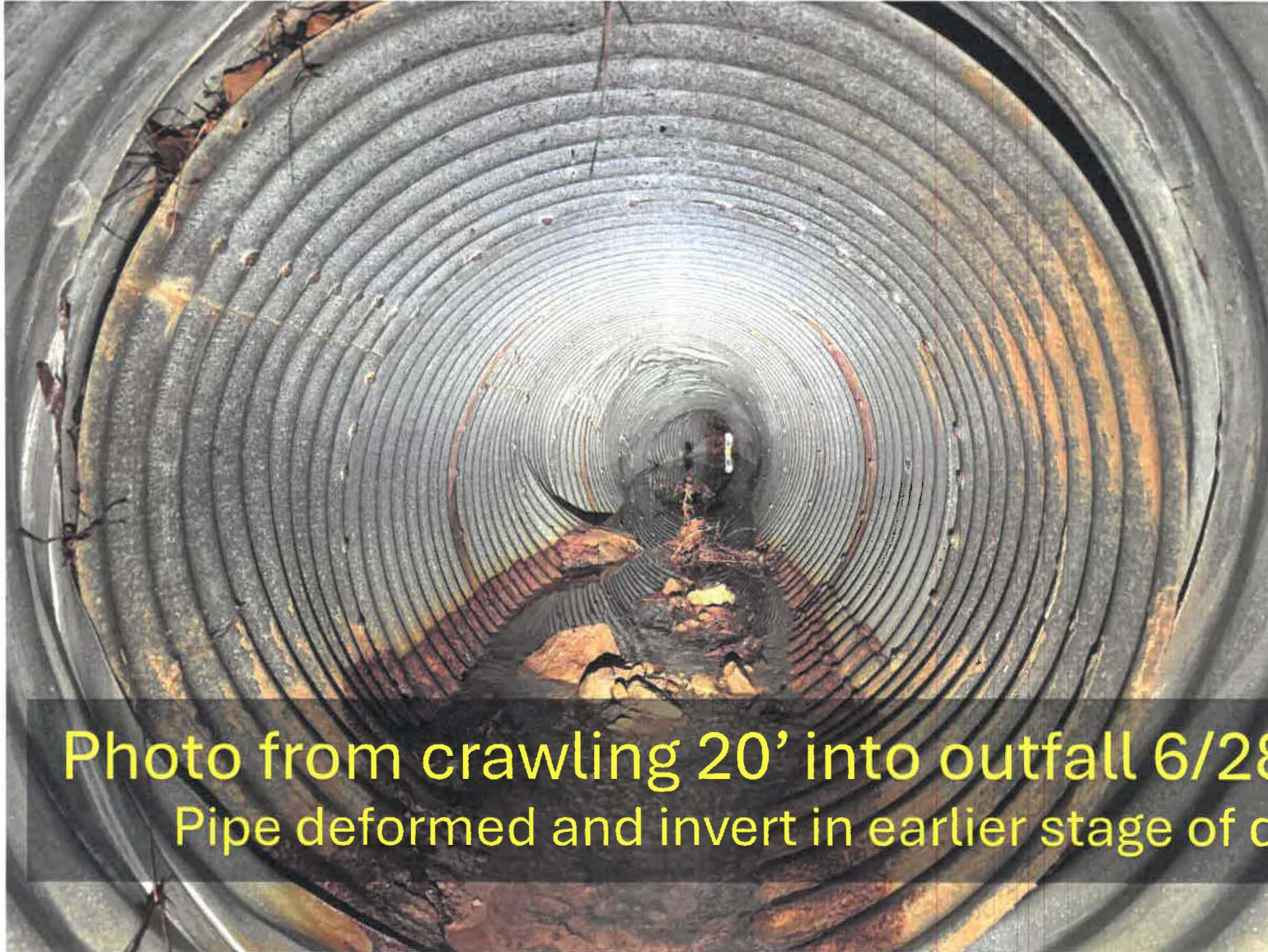


Photo from crawling 20' into outfall 6/28/2024
Pipe deformed and invert in earlier stage of decomp.

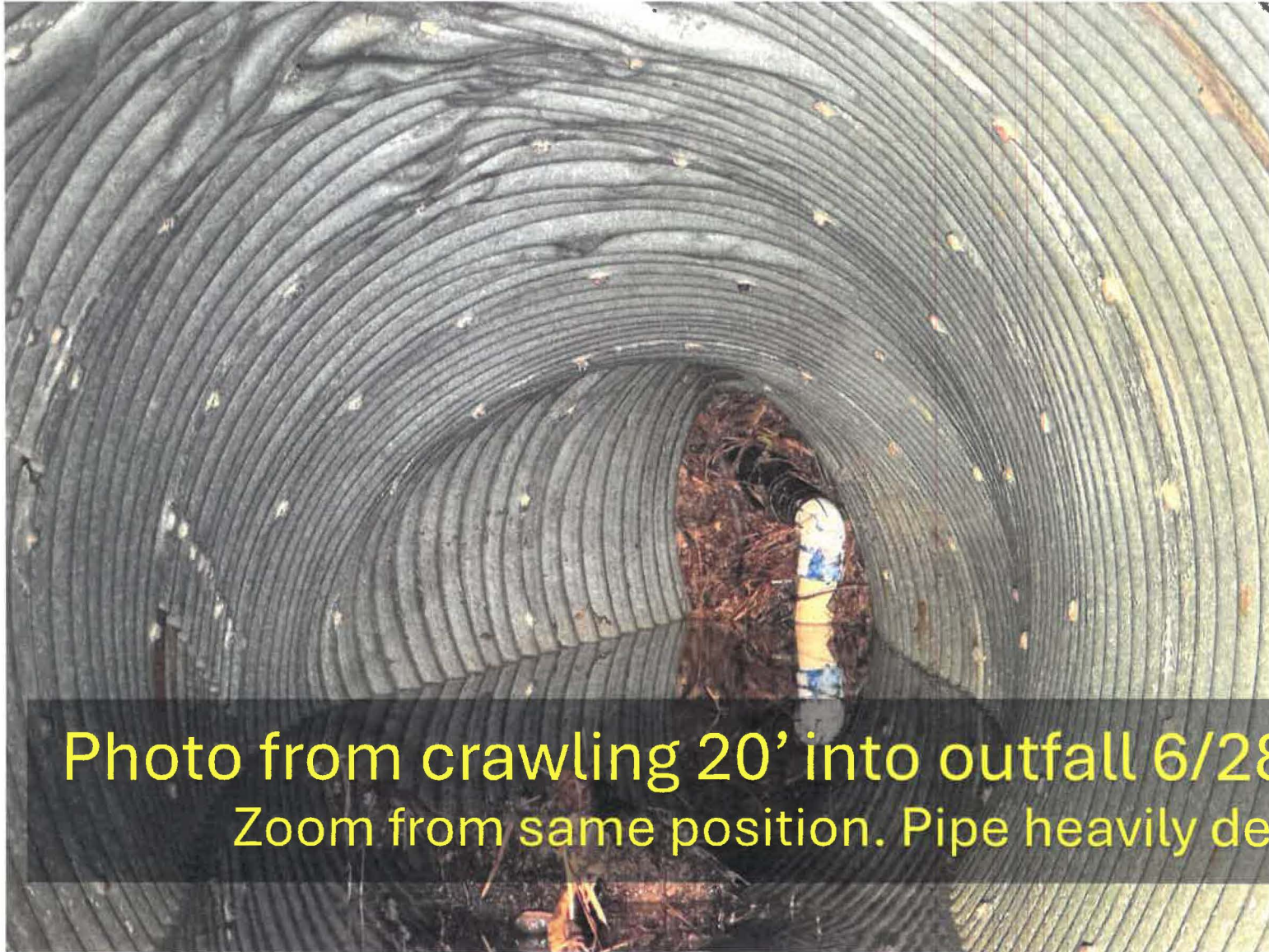


Photo from crawling 20' into outfall 6/28/2024
Zoom from same position. Pipe heavily deformed.

3811 River View Circle

Emergency Pipe Repair.

Background/Analysis

A 36" pipe crosses said property and is located in an easement. The pipe enters the property as reinforced concrete before transitioning to corrugated metal before crossing beneath the driveway. It remains corrugated metal until it discharges near the rear of the property. The pipe is relatively deep through its length, 12'-17' (estimated).

An apparent failure was brought to the City's attention by the homeowner when he observed a sink hole forming in his yard near his driveway along the path of the culvert. When the City responded to the request to investigate the pipe, the following was determined:

Approximately 70' from its discharge point, the pipe is severely compromised. Video and pictures confirmed that the pipe has experienced a failure leading to loss of surrounding soil and voids in the soil beneath the driveway. The condition of the pipe, as observed by the City and its contractors, is poor. The invert is severely corroded. This is highly suggestive that the pipe is in a state of ongoing failure and will continue to fail, given the depth of cover on it.

Based on the condition of the pipe and the near total blockage at least one point, the City determined that a non-invasive repair was not possible. The only reasonable remedy is to replace the pipe by open cut method. Schoel made a site visit on July 8, 2024 and concurs with the City's determination regarding the condition of the pipe and the option to replace the pipe.

In light of these circumstances, the City has requested an emergency repair be performed to replace the pipe.

Scope of Work

General Work Items

1. Open cut, remove and replace the existing 36" corrugated metal pipe with approximately 170 lf of 36" RCP
 - a. Install new precast headwall at the discharge end of the new pipe
 - b. The upstream limit will begin by replacing the existing grate inlet with an open throat inlet and box. The existing reinforced concrete pipe shall be tied into the new box.
 - c. Trench backfill and compaction per detail
2. Construction access to the work shall be along the eastern property line to the outfall location of the pipe. The contractor shall not enter the work area by way of the driveway. Care should be given to protect a second 30" storm pipe located along the northeastern property line.
3. Sedimentation and Erosion Control measures must be installed and maintained throughout the project life in accordance with the Alabama Handbook for Erosion and Sedimentation Control. This is especially important considering the close proximity to the Cahaba River.
4. The slope at the rear of the property should be compacted to 95% and permanent stabilization measures should be implemented immediately upon completion of the pipe installation.
5. Utilities should be located and protected throughout the work, including site lighting and

Hardscape/Softscape Replacement

1. The driveway is a colored concrete that shall be replaced in kind. The property owner will provide information related to the concrete to ensure a color and process match. The contractor should take every precaution to avoid the stamped concrete areas.
2. The driveway has a stone paver border. The Contractor should carefully remove and reinstall the pavers in kind.
3. Vegetation should be documented prior to construction and replaced in kind. Every effort should be made to install mature plants.