

# Llano Trunk Repair

Change-of-Scope Contract Change Order to  
C02190: Rehabilitate Matanzas Siphons

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Transportation and Public Works

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Water



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# Background

- Sinkhole discovered on February 19, 2020
- Operations expressed immediate concern about the cause of the sinkhole
- Major concern about Llano Road crossing

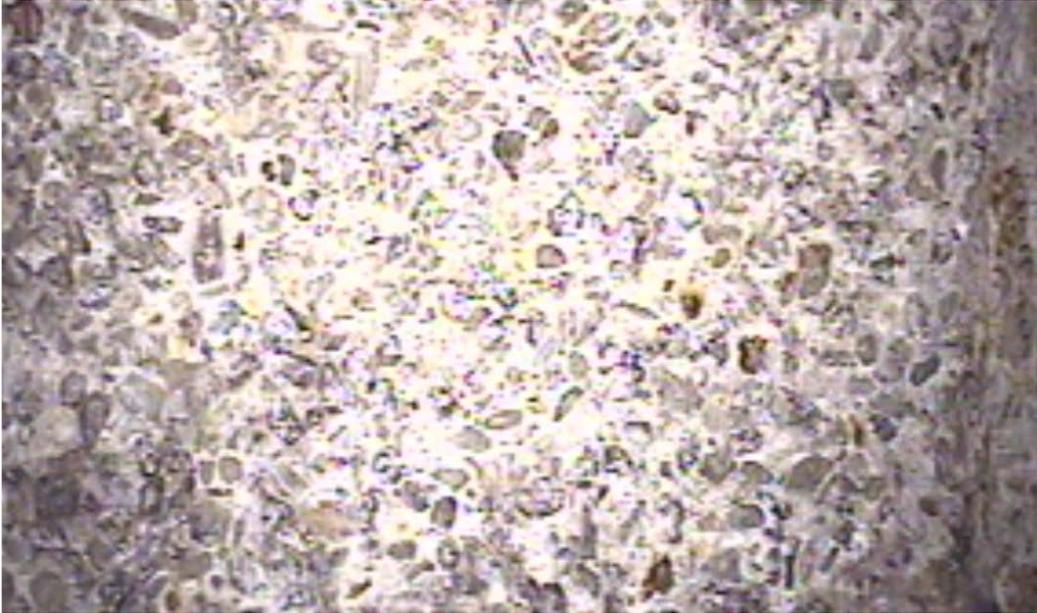


# Investigation

- CCTV inspection conducted on February 24, 2020
- Full inspection inhibited by hanging pipe gaskets
- No direct evidence of pipe collapse that would cause a sinkhole
- Other severe defects were observed



# Investigation



- Exposed concrete aggregate throughout

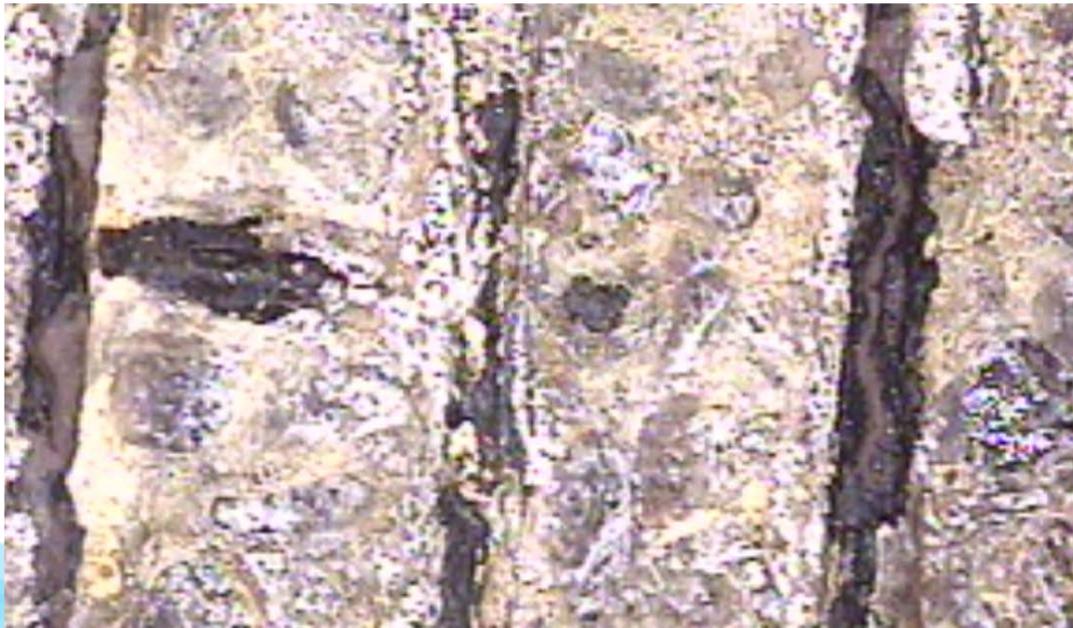


- Major groundwater infiltration at several locations

# Investigation



- Corroded concrete and exposed reinforcement



- Reinforcement is corroding

# Risk

- High risk of failure
- Contractor SAK, completed same type of work on Matanzas Creek Siphon Contract C02190
- \$2,346,085 remains in the Contract
- City Council Policy No. 100-07 provides for Change- of-Scope change orders
- Preliminary cost estimate \$900,000
- Approval would expedited repair

# Recommendation

It is recommended by the Transportation and Public Works Department and the Water Department that the Board, by motion, pursuant to Council Policy No. 100-07:

- Approve a Change-of-Scope contract change order with SAK Construction, LLC (SAK) to Construction Contract No. C02190 to repair the 60-inch wastewater trunk line crossing under Llano Road, and
- Authorize the Assistant City Manager or the Deputy Director of Engineering Services in the Transportation and Public Works Department to execute the change order as necessary to complete the work in amount not to exceed the total authorized contract amount of \$3,966,925.00.

# Questions?