



# City of Broken Arrow

## Legislation Details (With Text)

|                       |   |                      |                           |
|-----------------------|---|----------------------|---------------------------|
| <b>File #:</b>        | 19-1384   | <b>Name:</b>         |                           |
| <b>Type:</b>          | General Business  | <b>Status:</b>       | Agenda Ready              |
| <b>File created:</b>  | 11/4/2019   | <b>In control:</b>   | Broken Arrow City Council |
| <b>On agenda:</b>     | 11/5/2019   | <b>Final action:</b> |                           |
| <b>Title:</b>         | Consideration, discussion, and possible approval of and authorization to execute Resolution No. 1283, a Resolution of the Broken Arrow City Council declaring an Emergency as a result of a Sanitary Sewer Trunk Line Sewer Infiltration near the corner of 91st Street and 225th Street (Evans Road); activation of the City's Emergency Operation Protocols, including waiving state and local provisions pertaining to competitive bidding as allowed by law; authorizing an informal bidding process; authorizing the City Manager to execute emergency contracts as necessary to purchase materials for repairs and any subsequent critical events; ratifying all prior actions of the City Manager, providing for the termination and extension of the provisions of this Resolution; and directing the City Manager to carry out all applicable provisions |                      |                           |
| <b>Sponsors:</b>      | Broken Arrow Municipal Authority  |                      |                           |
| <b>Indexes:</b>       |   |                      |                           |
| <b>Code sections:</b> |   |                      |                           |
| <b>Attachments:</b>   | 1. 11052019 RES 1283 - Emergency Zeeco Line Repair.pdf  |                      |                           |

| Date | Ver. | Action By | Action | Result |
|------|------|-----------|--------|--------|
|------|------|-----------|--------|--------|

### Broken Arrow City Council Meeting of: 11-5-2019

#### Title:

Consideration, discussion, and possible approval of and authorization to execute Resolution No. 1283, a Resolution of the Broken Arrow City Council declaring an Emergency as a result of a Sanitary Sewer Trunk Line Sewer Infiltration near the corner of 91st Street and 225th Street (Evans Road); activation of the City's Emergency Operation Protocols, including waiving state and local provisions pertaining to competitive bidding as allowed by law; authorizing an informal bidding process; authorizing the City Manager to execute emergency contracts as necessary to purchase materials for repairs and any subsequent critical events; ratifying all prior actions of the City Manager, providing for the termination and extension of the provisions of this Resolution; and directing the City Manager to carry out all applicable provisions

#### Background:

On October 31, 2019, representatives of the City's Utilities Department were advised that several sinkholes had developed in an open field north of Washington Street west of Evans Road. City crews from the Department of Utilities were immediately dispatched to the area to investigate, where they found several sinkholes approximately twelve inches (12") in diameter and four feet (4') deep and one sinkhole approximately twenty feet (20') in length, ten feet (10') in width and four feet (4') deep. No sewage was bypassing. Crews discovered one dead cow in one of the sinkholes.

City Crews from the Utilities Department immediately mobilized to secure the site and determine the extent of the damage. The line is a twenty-four inch (24") diameter concrete pipe commonly referred to as the Zeeco

line. More sinkholes developed as crews investigated the area. Crews opened manholes and found that despite the sinkholes, the line continued to flow. City Crews excavated the top of the pipe and found the top half of the pipe had been corroded by Hydrogen Sulfide Gas and was missing in several areas along the length of the pipe from just south of Washington Street to just north of Highway 51. Approximately thirteen hundred (1,300) feet of pipe and three six foot (6') diameter manholes need to be replaced.

Stacy Thornton, Assistant Director of Utilities, determined the Utilities Construction Crew has the equipment and knowledge to repair the line. The Oklahoma Department of Environmental Quality was notified of the line repair due to the change in pipe materials from concrete pipe to PVC. An ODEQ Department official ruled a permit was not necessary for the repair due to the use of materials called out in the City of Broken Arrow Specifications.

On November 1, 2019 city personnel immediately began the process of locating for purchase the approximately fifteen hundred feet (1500') of 24" SDR 35 sewer pipe, fifteen hundred feet (1500') of lining for bed of the sewer line and three manholes, including the barrel section, top, ring and lids and bedding materials for City crews to effect the necessary repair of the failed sanitary sewer trunk line.

**Cost:** \$60,000  
**Funding Source:** 020-5415-435-70-15 Utilities Sewer Repair and Construction  
**Requested By:** Charles Vokes, Director of Utilities  
**Approved By:** City Manager's Office  
**Attachments:** Resolution No. 1283

**Recommendation:**  
Approve Resolution No. 1283 and authorize its execution.