CITY OF TULSA

PUBLIC WORKS
Engineering

DATE: October 01, 2025

TO: PAUL ZACHARY, PUBLIC WORKS DEPUTY DIRECTOR

FROM: H. SOMDECERFF, PUBLIC WORKS DESIGN MANAGER

HAS

The Specification Review Committee recommends and asks the Public Works Deputy Director to approve the following:

1. Approve Modification to Division 333 - Removal, Salvage, Abandonment of Existing Facilities.
   Summary of change: Changed backfill lift to a maximum 12 inches loose and corrected compaction test reference (333.3.5).

Please call Marqua Jimmerson at (918) 596-7355 If you have any questions.

Thank you,

APPROVED:

Paul Zachary, Deputy Director

10.07.25
Date

Cc: Public Works Engineering Services Specification Review Committee

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Engineer. Standing water, especially in low spots, must be removed prior to using cellular concrete material.

A) Contractor shall CCTV (closed circuit television inspection) all sanitary sewer mains prior to abandonment to determine location of existing service connections. Service connections shall be reconnected to proposed sanitary sewer located in immediate vicinity of the abandoned main. Engineer shall be notified immediately if there is no proposed sewer to collect the service.

333.3.4 Plug and Abandon Water or Force Mains: Pressurized mains to be abandoned shall have both ends cut and plugged with a minimum length of 2' of lean concrete or non-shrink grout. All water or force mains to be abandoned shall also be filled to 100% of the abandoned pipe volume. Fill material may be either cellular concrete or flowable fill as approved by the Engineer. Standing water, especially in low spots, must be removed prior to using cellular concrete material. All hydrants, valves, and other fittings from abandoned water mains shall remain the property of the City and shall be salvaged and delivered by the Contractor to the South Yard at 2317 S. Jackson Avenue. Contractor will coordinate the return of such items with the South Yard personnel at 918-596-9401. All other debris and materials removed shall become the property of the Contractor and shall be disposed of in accordance with local regulations.

333.3.5 Backfilling in Areas Other Than Street Right-of-Way and Pavement Areas:

Backfill abandoned assets using acceptable materials per this Specification Section as approved by the Engineer.

Backfill in layers of 12 inch maximum loose lifts and mechanically compact to 90% of maximum density as defined by AASHTO T 99 (Standard Proctor Test).

333.3.6 Backfilling in Street Right-of-Way and Pavement Areas:

Backfill abandoned assets under and within 2' of all existing and proposed pavement, driveway pavement, sidewalk, and curb and gutter using only ODOT Type A aggregate base or flowable fill.

Compaction Method:

Granular backfill shall be mechanically compacted in vertical layers of 8" loose measure. Each layer shall be firmly compacted to 95% of Standard Proctor Density as determined by AASHTO T 99. Material may be compacted by tamping or by using surface vibrators in such a manner as not to disturb or injure surrounding facilities. Adequate cover over adjacent pipe or utilities shall be provided before using mobile trench compactors of the hydro-hammer or impactor type.

333.4 MEASUREMENT AND PAYMENT