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## Standards Update Transmittal

Reference Number: 2024-10  
Standards: Standard Construction Specifications, Section 36-14

### Update:

1. Modification to Standard Construction Specifications:
  - a. Section 36-14, "Backfill" updated the section to refer Backfill to Section 19 "Trench Excavation, Bedding and Backfill", define the initial backfill area and reference the appropriate details.
  - b. Added the lift requirements of eight inches.

### Effect of Update:

1. This modification is as follows:
  - a. Updating this Section to refer to Backfill requirements in Section 19 "Trench Excavation, Bedding and Backfill". This change will ensure there are no conflicts between various sections when reference backfill.

Request for Update Initiated By: Standards Review Committee 09/30/2022

Update Reviewed for Conformity and Consistency to Standards:

Shoaib Ahrary 4/24/2024 | 6:08 PM PDT  
Shoaib Ahrary, PE, ESD Manager Date

Update to Standards Approved:

Jeffrey R. Werner 4/24/2024 | 7:40 PM PDT  
Jeffrey R. Werner, PE, City Engineer Date

## SECTION 36 – CAST IN-PLACE CONCRETE PIPE (CIPCP)

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### 36-14 BACKFILL

Backfill shall conform to Section 19, “Trench Excavation, Bedding and Backfill”, of these Specifications. For CIPCP, the initial backfill shall be the material placed between the spring line, in contact with the trench, and the intermediate backfill. Initial Backfill for CIPCP, above the spring line, shall be in accordance with Standard Drawings SD-6.0 and SD-6.1.

Initial backfill selected from job excavated material must be screened and free from debris, organic matter and pieces larger than one inch (1”). The material shall be placed immediately after the pipe has been completed, inspected and accepted by the City and permission to backfill has been obtained in writing from the City. The material shall be carefully placed in eight-inch (8”) loose lifts so as not to disturb or damage the pipe and shall be brought up evenly on both sides.

At the option of the Contractor, CDF material conforming to Section 50-15.01 “Controlled Density Fill (CDF)”, may be used up to the subgrade elevation (bottom of roadway structural section).

The backfill material above the CIPCP crown shall be compacted as determined by ASTM Designation: D 1557. The first eighteen inches (18”) above the CIPCP crown shall be a relative compaction of at least ninety percent (90%) and 93% thereafter. Jetting is not permitted.

Intermediate and final trench backfill shall conform to Section 19, “Trench Excavation, Bedding and Backfill”, of these Specifications.