

Section 61 Culvert and Drainage Pipe Joints

**Section 61
Culvert and
Drainage Pipe
Joints**

4-6101 General

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Section 61, “Culvert and Drainage Pipe Joints,” of the *Standard Specifications* provides an opportunity for the contractor to choose alternate types of joint systems or couplers used with culvert and drainage pipe that are specified in the following sections of the *Standard Specifications*:

- Section 64, “Plastic Pipe”
- Section 65, “Reinforced Concrete Pipe”
- Section 66, “Corrugated Metal Pipe”
- Section 69, “Overside Drains”

When joint systems and couplers conforming to the provisions in Section 61 are selected, the contractor must provide test results or a mathematical analysis of the joint materials.

4-6102 Before Work Begins

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Before Work Begins**

Before work starts, do the following:

- Verify the receipt and proper distribution of Form CEM-3101, “Notice of Materials to Be Used,” which covers all pipe joint materials.
- Upon delivery of the materials for pipe joints and couplers, note whether the materials are identified by marks or inspection tags.
- Ensure that the Office of Materials Engineering and Testing Services (METS) has inspected and released the pipe joint and coupling material.
- If the contractor has chosen to supply material specified in Section 61, “Culvert and Drainage Pipe Joints,” of the *Standard Specifications*, and the material has been released, METS will have received all paperwork including certificates of compliance, test results, and mathematical analysis.

4-6103 During the Course of Work

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Various sections of the *Construction Manual* describe the procedures for inspecting the types of culvert and drainage pipe affected by this section. Ensure that the correct types of joints or couplers are used and any required testing for watertightness is performed as specified.

4-6104 Measurement and Payment

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The payment for pipe joints and couplers is normally included in the contract prices paid for the various types and sizes of culvert and drainage pipe.

