

SECTION 637 - SLOTTED DRAINS

637.01 Description. This work includes constructing slotted drains according to the contract. *|

637.02 Materials. Materials shall conform to the following: *|

Structure Backfill Material 703.20

Corrugated Metal Pipe and Pipe Arch 707.02

Bituminous Coated Corrugated Metal Pipe and Pipe Arch 707.03

The Contractor shall install slotted drains according to the contract. *|
The Contractor shall use either method of fabrication shown in the contract. |

Concrete used for plugs at open ends of slotted drain pipes shall be Class C concrete and shall conform to Section 601 - Structural Concrete. |

Bolts shall be zinc-coated steel machined bolts with cut threads and American Standard Regular hexagon heads. Nuts shall be zinc-coated American Standard Regular cold-punched hexagon nuts. The materials of the bolt and nut shall conform to ASTM A 307, Grade A. Angles and pipe spacers shall conform to ASTM A 283, Grade D. The Contractor shall zinc-coat the bolts, nuts, angles and pipe spacers according to ASTM A 153. *|

The Engineer may inspect manufacturing plants periodically for compliance with specified manufacturing methods. The Engineer may take samples of materials for laboratory testing for compliance with quality requirements. This can be the basis for acceptance of manufacturing lots of quality. *|

Materials will be subject to inspection for acceptance as to condition at the latest practicable time the Engineer has the opportunity to check for compliance prior to or during incorporation of the materials into the work.

637.03 Construction Requirements. During the installation of the slotted drain pipes, the Contractor shall align the pipe slots properly. *|

The Contractor shall excavate trenches to the dimensions and grade according to Section 206 - Excavation and Backfill for Conduits and Structures, Section 603 - Culverts and Storm Drains, and as ordered by the Engineer. *|

637.04 Method of Measurement. The Engineer will measure slotted drain pipes by the linear foot for the type and size of pipe specified. *|

637.05

637.05 **Basis of Payment.** The Engineer will pay for the accepted quantities *| of slotted drain pipes at the contract unit price per linear foot for the *| type and size of pipe specified in the proposal complete in place.

The Engineer will make payment under: *|

Pay Item	Pay Unit
_____ - Inch Slotted Drain Pipe	Linear Foot

The Engineer will pay for excavation according to Section 206 - *| Excavation and Backfill for Conduits and Structures.

Section 638 - (Reserved)