

SECTION 637 - SLOTTED DRAINS

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4 **637.01 Description.** This section describes furnishing and placing slotted drains.

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6 **637.02 Materials.**

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8 Structure Backfill Material 703.20

9
10 Trench Backfill Material 703.21

11
12 Corrugated Metal Pipe and Pipe Arch 707.02

13
14 Bituminous Coated Corrugated Metal Pipe and Pipe Arch 707.03

15
16 Cullet Materials for Utility Structures 717.03

17
18 Cullet Materials for Drainage Systems 717.04

19
20 Class C concrete, used for plugs at open ends of slotted drain pipes, shall
21 conform to Section 601 - Structural Concrete.

22
23 Bolts, nuts, angles, and pipe spacers shall be zinc-coated in accordance with
24 ASTM A 153. Bolts shall be steel machined bolts with cut threads and American
25 Standard Regular hexagon heads. Nuts shall be American Standard Regular
26 cold-punched hexagon nuts. Bolt material shall conform to ASTM A 307, Grade A.
27 Nut material shall conform to ASTM A 563, Grade A. Pipe spacers shall conform to
28 ASTM A 283, Grade D.

29
30 **637.03 Construction.** Excavate trenches to dimensions and grades in
31 accordance with Section 206 – Excavation and Backfill for Drainage Facilities and
32 Section 603 - Culverts and Storm Drains.

33
34 Install slotted drains.

35
36 Place slotted drains to line and grade indicated in contract documents,
37 adequately supported, until adjacent construction is completed. Provide temporary
38 covers, as required, to prevent foreign material from entering slotted drains during
39 construction.

40
41 **637.04 Measurement.** Slotted drains will be paid on a lump sum basis.
42 Measurement for payment will not apply.

43
44 **637.05 Payment.** Engineer will pay for accepted slotted drains on a contract
45 lump sum basis. Payment will be full compensation for work prescribed in this
46 section and contract documents.

637.05

48 Engineer will pay for following pay item when included in proposal schedule:

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50 **Pay Item** **Pay Unit**

51

52 _____ - Inch Slotted Drain Pipe Lump Sum

53

54 Engineer will pay for excavation in accordance with Section 206 - Excavation
55 and Backfill for Drainage Facilities.

56

57

58

END OF SECTION 637