

1 **SECTION 640 - LINED DRAINAGE DITCH AND CONCRETE SPILLWAYS**

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3
4 **640.01 Description.** This section describes constructing lined drainage ditches
5 and spillways.

6
7 **640.02 Materials.**

8

9 Concrete	601
10	
11 Shotcrete	628
12	
13 Reinforcing Steel	709.01
14	
15 Curing Materials	711.01

16

17 Class A or Class B concrete, used for lined drainage ditches and spillways,
18 shall conform to Section 601 – Structural Concrete.

19
20 **640.03 Construction.**

21
22 **(A) Excavation.** Excavate according to Section 207 - Ditch and Channel
23 Excavation.

24
25 **(B) Placing of Concrete and Shotcrete.** Prior to placing concrete or
26 shotcrete, provide 2 working days notice to Engineer for inspection of
27 reinforcing steel and prepared surface. Place concrete or shotcrete only
28 after prepared surfaces and placement of reinforcing steel is acceptable to
29 Engineer. Materials shall be as specified in contract documents.

30
31 Place and cure concrete and shotcrete according to Section 503 -
32 Concrete Structures and Section 628 - Shotcrete, respectively.

33
34 Chamfer exposed edges 3/4 inch.

35
36 **640.04 Measurement.**

37
38 **(A)** When spillway is paid for per linear foot, Engineer will measure
39 spillway per linear foot in accordance with contract documents. When
40 spillway is paid on a lump sum basis, measurement for payment will
41 not apply.

42 **(B)** Lined drainage ditch will be paid on a lump sum basis. Measurement
43 for payment will not apply.

46 **640.05 Payment.** Engineer will pay for the accepted pay items listed below at
47 contract price per pay unit, as shown in proposal schedule. Payment will be full
48 compensation for work prescribed in this section and contract documents.[LS6]
49

50 Engineer will pay for following pay items when included in proposal schedule:

51	Pay Item	Pay Unit
52		
53		
54	_____ Spillway	Linear Foot

- 55
- 56 The Engineer will pay for:
- 57
- 58 (1) 80 percent of contract bid price upon completion of inspection by
59 Engineer of reinforcing steel and prepared surface, and placing of concrete.
60
- 61 (2) 20 percent of contract bid price upon completion of testing of material
62 and found acceptable, and upon clean up and restoration of the area.
63

64 Engineer will pay for excavation under Section 207 – Ditch and Channel
65 Excavation, when lined drainage ditch or spillway is measured per linear foot.

66		
67	_____ Spillway	Lump Sum
68		
69	_____ Lined Drainage Ditch	Lump Sum

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71

72 **END OF SECTION 640**