

SECTION 640 - LINED DRAINAGE DITCH

640.01 Description. This work includes constructing lined drainage ditches and concrete spillway inlet according to the contract. *

640.02 Materials.

(A) **Concrete.** Concrete shall be Class A and shall conform to Section 601 - Structural Concrete. *

(B) **Shotcrete.** Shotcrete shall conform to Section 628 - Shotcrete. |

(C) **Other Materials.** Other materials shall conform to the following: |

Reinforcing Steel	709.01
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Curing Materials	711.01
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If shown in the contract, the Contractor shall have the option of providing either Class A Concrete or Shotcrete for lined drainage ditches. *

640.03 Construction Requirements.

(A) **Excavation.** Excavation shall be according to Section 207 - Ditch and Channel Excavation. |

(B) **Placing of Concrete and Shotcrete.** The Contractor shall place and cure the concrete and shotcrete according to Section 503 - Concrete Structures and Section 628 - Shotcrete, respectively. *

640.04 Method of Measurement. The Engineer will measure lined drainage ditch by the linear foot, complete in place, along the invert of the ditch at the finish grade elevation. *

The Engineer will not measure lined drainage ditch when contracted on a lump sum basis. *

The Engineer will measure excavation under Section 207 - Ditch and Channel Excavation. *

The Engineer will not measure reinforcing steel for payment. *

The Engineer will measure concrete spillway inlet as lined drainage ditch. *

640.05 Basis of Payment. The Engineer will pay for the accepted quantities of lined drainage ditch at the contract lump sum amount or at the contract unit price per linear foot according to the contract complete in place. *

640.05

The Engineer will pay for the accepted quantities of excavation under Section 207 - Ditch and Channel Excavation. *|

The Engineer will not pay for the reinforcing steel separately. The Engineer will consider them incidental to the lined drainage ditch. *|

The Engineer will pay for the accepted quantities of concrete spillway inlet as lined drainage ditch. *|

The Engineer will make payment under: *|

Pay Item	Pay Unit
Lined _____ Drainage Ditch	Linear Foot
Lined _____ Drainage Ditch (____ Linear Foot)	Lump Sum
Lined Drainage Ditch	Linear Foot
Lined Drainage Ditch (____ Linear Foot)	Lump Sum