SECTION 640 - LINED DRAINAGE DITCH AND CONCRETE SPILLWAYS

640.01 Description. This section describes constructing lined drainage ditches and spillways.

640.02 Materials.

Concrete 601
Shotcrete 628
Reinforcing Steel 709.01
Curing Materials 711.01

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

640.03 Construction.

(A) Excavation. Excavate according to Section 207 - Ditch and Channel Excavation.

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

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

Chamfer exposed edges 3/4 inch.

640.04 Measurement.

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

(B) Lined drainage ditch will be paid on a lump sum basis. Measurement for payment will not apply.
640.05  **Payment.** Engineer will pay for the accepted pay items listed below at contract price per pay unit, as shown in proposal schedule. Payment will be full compensation for work prescribed in this section and contract documents.[LS6]

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

<table>
<thead>
<tr>
<th>Pay Item</th>
<th>Pay Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spillway</td>
<td>Linear Foot</td>
</tr>
</tbody>
</table>

The Engineer will pay for:

(1) 80 percent of contract bid price upon completion of inspection by Engineer of reinforcing steel and prepared surface, and placing of concrete.

(2) 20 percent of contract bid price upon completion of testing of material and found acceptable, and upon clean up and restoration of the area.

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

<table>
<thead>
<tr>
<th>Pay Item</th>
<th>Pay Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spillway</td>
<td>Lump Sum</td>
</tr>
<tr>
<td>Lined Drainage Ditch</td>
<td>Lump Sum</td>
</tr>
</tbody>
</table>

END OF SECTION 640