Section 240

235-5 MEASUREMENT AND PAYMENT

Payment will not be made for embankment construction. Payment at the contract unit prices for the various items covered by Sections 225, 226, 230 and 240 will be full compensation for all work covered by this section. Repairs to embankments caused by Contractor carelessness or negligence will be incidental to the work of Sections 225, 226, 230 and 240. Repairs to embankments as a result of natural causes will be at the contract unit price for the excavated material required to make the necessary repairs.

Borrow Excavation for surcharge material and additional material for maintaining embankment grade elevations will be measured and paid in accordance with Article 230-5.

Unclassified Excavation for surcharge material, additional material for maintaining embankment grade elevations and removing surcharges will be measured and paid in accordance with Article 225-7. When there is no pay item for Borrow Excavation or Unclassified Excavation in the contract, surcharge material and removing surcharges will be included in the lump sum payment for Grading. Additional material for maintaining embankment grade elevations will be paid as extra work in accordance with Article 104-7.

Embankment Settlement Gauges will be measured and paid in units of each. Settlement gauges will be measured as one per gauge location. The contract unit price for Embankment Settlement Gauges will be full compensation for fabricating and installing settlement gauges including placing and compacting fill material around gauges, adding pipes and couplers until embankment monitoring ends and any incidentals necessary to monitor settlement. No payment will be made for interfering with the Contractor’s operations due to embankment monitoring or damaged settlement gauges as determined by the Engineer.

Payment will be made under:

<table>
<thead>
<tr>
<th>Pay Item</th>
<th>Pay Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Embankment Settlement Gauges</td>
<td>Each</td>
</tr>
</tbody>
</table>

SECTION 240
DITCH EXCAVATION

240-1 DESCRIPTION

Excavate and satisfactorily dispose of all materials excavated in the construction of ditches except silt ditches.

(A) Drainage Ditches

Define “drainage ditches” as inlet and outlet ditches for pipe culverts and structures, changes in channels of streams, ditches draining borrow and material sources and parallel or lateral ditches when such ditches are separated from the roadway slope by an area of natural ground or berm.

Unless otherwise classified in the plans, parallel or lateral ditches constructed as an integral part of the graded roadbed, having a continuous slope from the outer limit of the shoulder to the bottom of the ditch, will be considered to be within the roadway grading limits and will be part of the work covered by Section 225.

(B) Berm Ditches

Define “berm ditches” as ditches constructed by either excavation or the construction of earth berms along the top of cut slopes. The location of berm ditches will be as shown in the plans or as directed.

240-2 GENERAL

Excavate to the lines, grades, typical sections and details shown in the plans or established. Coordinate all work covered by this section with the grading, construction of drainage
structures, excavation of borrow and material sources and other work along the project and maintain in a satisfactory condition so that adequate drainage is provided at all times. Maintain the ditches until the final acceptance of the project. Trim flush with the sides of the ditch any roots that protrude into the ditch. Complete inlet and outlet ditches for pipelines before the pipe is installed unless otherwise permitted.

240-3 DISPOSAL OF MATERIALS

Use all excavated materials in the construction of roadway embankments except where otherwise directed. Deposit materials that are excess to the needs of the project alongside the ditch and spread to form a low, flat, inconspicuous spoil bank of sufficient regular contour to permit seeding and mowing, provided no drainage into the ditch is blocked.

240-4 MEASUREMENT AND PAYMENT

_Drainage Ditch Excavation_ will be measured and paid in cubic yards, measured in the original position by the average end area method of all materials excavated within the limits established by the plans or directed. Work includes, but is not limited to, excavation, shaping of the ditches, disposal of all materials, construction of earth berms and the maintenance of the work in an acceptable condition until final acceptance.

No measurement and payment will be made where excavation has been performed beyond the above limits; made solely for the convenience of the Contractor; for temporary drainage of the project; or for any excavation to provide drainage of borrow or material sources furnished by the Contractor.

Where the contract does not include a pay item for _Drainage Ditch Excavation_, all work of drainage ditch excavation will be treated as _Unclassified Excavation_ and will be paid in accordance with Section 225.

_Berm Ditch Construction_ will be measured and paid in linear feet, measured along the flow line of the ditch within the pay limits shown in the plans, completed and accepted. Work includes, but is not limited to, excavation, shaping of the ditches, disposal of all materials, construction of earth berms and the maintenance of the work in an acceptable condition until final acceptance.

Payment will be made under:

<table>
<thead>
<tr>
<th>Pay Item</th>
<th>Pay Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage Ditch Excavation</td>
<td>Cubic Yard</td>
</tr>
<tr>
<td>Berm Ditch Construction</td>
<td>Linear Foot</td>
</tr>
</tbody>
</table>

SECTION 250

REMOVAL OF EXISTING PAVEMENT

250-1 DESCRIPTION

Break up, remove and satisfactorily dispose of the Portland cement concrete or asphalt components of an existing roadway pavement structure, including paved shoulders, within the limits shown in the plans or as directed. This work includes the removal of any temporary roadway pavement structure placed during construction to serve as a detour.

250-2 PAVEMENT REMOVAL AND DISPOSAL

Break up and remove the pavement for its entire depth. Where concrete or asphalt pavement is to be removed, provide a neat edge along the pavement being retained by sawing the pavement approximately 2 inches deep before breaking the adjacent pavement away. Properly dispose of all materials resulting from the pavement removal as provided herein.

When existing pavement is located where embankment is to be constructed and the depth of the embankment is greater than 1 foot exclusive of base and pavement, do not remove existing pavement, but break up the existing pavement into pieces with the longest dimension...