Section 226

Payment for material that the Engineer directs to be removed beyond the limits of the original slope stakes will be made in accordance with Article 104-3.

If needed, investigative work within the top 12 inches of the subgrade to determine the necessity for rock undercut will be paid in accordance with Article 104-7.

Payment includes, but is not limited to, excavation, blasting, hauling anywhere along the project both within and across balance points shown in the plans, removal of undesirable material, removal of sidewalk, driveways, curb and gutter, endwalls, traffic islands and drainage structures, disposal of materials, formation and compaction of embankments, subgrades and shoulders, the cutting off, plugging and removal of private utility lines and underground tanks, any backfilling required, removing any existing shoulder drain or subdrain pipe and maintaining the work.

Payment for false sumps will be classified as Unclassified Excavation, Borrow Excavation or included in Grading-Lump Sum. Payment as Unclassified Excavation or Borrow Excavation will be at the contract unit price per cubic yard.

Excavation done in the shaping of old roadways in accordance with Section 808 is paid as Unclassified Excavation.

Where slides and overbreaks occur due to negligence or carelessness on the part of the Contractor, the removal and disposal of said slides and overbreaks will be incidental to the work of this section.

Payment will be made under:

<table>
<thead>
<tr>
<th>Pay Item</th>
<th>Pay Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unclassified Excavation</td>
<td>Cubic Yard</td>
</tr>
<tr>
<td>Undercut Excavation</td>
<td>Cubic Yard</td>
</tr>
</tbody>
</table>

SECTION 226

COMPREHENSIVE GRADING

226-1 DESCRIPTION

The work covered by this section consists of all elements of work covered by Sections 200, 225, 230, 235, 250, 500 and 560, except that the requirements of the above-referenced sections pertaining to measurement and payment will not apply unless specific reference is made to such.

226-2 CONSTRUCTION METHODS

Perform the work in accordance with Sections 200, 225, 230, 235, 250, 500 and 560.

226-3 MEASUREMENT AND PAYMENT

Seeding and mulching of all borrow sources will be measured and paid at the contract unit prices for such items established in the contract.

Payment for material that the Engineer directs the Contractor to obtain from borrow sources to backfill box culverts, drainage structures or structure bents will be made in accordance with Article 104-7.

Payment for material that the Engineer directs to be removed beyond the limits of the original slope stakes will be made in accordance with Article 104-3.

Grading will be paid at the contract lump sum price. Partial payments will be equal to the percentage of such item that is complete as estimated by the Engineer. No separate payment will be made for clearing and grubbing, shoulder and fill slope material or draining borrow sources as such work will be incidental to the work covered by this section.
Section 230

Clearing and grubbing work that is directed to be performed on areas outside the limits originally staked or beyond the limits of the right of way or easements shown on the original plans will be measured and paid at the contract unit price per acre for Supplementary Clearing and Grubbing. All measurements will be made horizontally. Where the contract does not include this item, a unit price per acre will be established by supplemental agreement.

Undercut Excavation will be measured and paid at the contract unit price per cubic yard. No separate payment will be made for materials used in backfilling the undercut areas, shoulders and slope areas as payment at the contract unit price per cubic yard for Undercut Excavation will be full compensation for furnishing such material. Where the contract does not include a pay item for Undercut Excavation, payment for such excavation will be made in accordance with Article 104-7.

Payment will be made under:

<table>
<thead>
<tr>
<th>Pay Item</th>
<th>Pay Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grading</td>
<td>Lump Sum</td>
</tr>
<tr>
<td>Supplementary Clearing and Grubbing</td>
<td>Acre</td>
</tr>
<tr>
<td>Undercut Excavation</td>
<td>Cubic Yard</td>
</tr>
</tbody>
</table>

SECTION 230
BORROW EXCAVATION

230-1 DESCRIPTION

Excavate approved material from borrow sources. Haul and use such material as required in the plans or as directed. Do not use borrow excavation until all available suitable unclassified excavation has been incorporated into the embankments, subgrades and shoulders except by execution of a supplemental agreement documenting the conditions prescribed below.

(A) All suitable unclassified excavation wasted as a result of the early use of borrow material will be deducted from the total volume of borrow excavation paid under the contract.

(B) Reimburse the Department for all additional costs, including additional engineering cost, associated with the wasting of suitable unclassified excavation.

(C) Any claim for contract time extensions related to the early use of borrow is waived should the Contractor use borrow material before all suitable unclassified excavation being incorporated into the project pursuant to a supplemental agreement.

(D) The Contractor specifically waives rights to request additional compensation with regard to the early use of borrow under the compensation requirements of Section 104 except when unclassified excavation is a major contract item and that unclassified excavation overruns by more than 25%.

Where the work required to complete the project is so phased by the plans to preclude using suitable unclassified excavation, the Contractor will be permitted to construct the required embankments, subgrades or shoulders so controlled by the phasing from approved borrow materials without having to execute the above required supplemental agreement.

230-2 COORDINATION WITH SEEDING OPERATIONS

Coordinate the work in this section with the construction of embankments in accordance with Article 225-2.

230-3 MATERIALS

Refer to Division 10.

<table>
<thead>
<tr>
<th>Item</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Borrow Material</td>
<td>1018</td>
</tr>
<tr>
<td>Shoulder and Slope Material</td>
<td>1019</td>
</tr>
</tbody>
</table>