

1 structures, excavation of borrow and material sources and other work along the project and  
 2 maintain in a satisfactory condition so that adequate drainage is provided at all times.  
 3 Maintain the ditches until the final acceptance of the project. Trim flush with the sides of the  
 4 ditch any roots that protrude into the ditch. Complete inlet and outlet ditches for pipelines  
 5 before the pipe is installed unless otherwise permitted.

#### 6 **240-3 DISPOSAL OF MATERIALS**

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

#### 11 **240-4 MEASUREMENT AND PAYMENT**

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

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

21 Where the contract does not include a pay item for *Drainage Ditch Excavation*, all work of  
 22 drainage ditch excavation will be treated as *Unclassified Excavation* and will be paid in  
 23 accordance with Section 225.

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

29 Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Drainage Ditch Excavation	Cubic Yard
Berm Ditch Construction	Linear Foot

## 30 **SECTION 250**

### 31 **REMOVAL OF EXISTING PAVEMENT**

#### 32 **250-1 DESCRIPTION**

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

#### 37 **250-2 PAVEMENT REMOVAL AND DISPOSAL**

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

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

**Section 250**

1 no larger than 3 feet. Use all materials in the construction of embankments, unless otherwise  
2 directed. Stockpile materials that the Department desires to use, as indicated in the plans at  
3 approved locations.

4 Where the Contractor requests permission to use salvageable material in other parts of the  
5 work and such material has been intended for use in the construction of embankments, the  
6 Engineer may permit such use provided the Contractor furnishes at no cost to the Department  
7 an adequate quantity of material for embankment construction to replace the material used in  
8 all other parts of the work.

9 Dispose of all materials that cannot be used in the work in accordance with Section 802.

10 **250-3 MEASUREMENT AND PAYMENT**

11 *Removal of Existing Asphalt Pavement* will be measured and paid in square yards of existing  
12 asphalt pavement actually removed and disposed of properly. Removal of existing asphalt  
13 pavement will be measured by actual surface measurement of the asphalt pavement before its  
14 removal.

15 *Removal of Existing Concrete Pavement* will be measured and paid in square yards of existing  
16 concrete pavement actually removed and disposed of properly. Removal of existing concrete  
17 pavement will be measured by actual surface measurement of the concrete pavement before  
18 its removal.

19 *Breaking of Existing Concrete Pavement* will be measured and paid in square yards of  
20 existing concrete pavement actually broken up and left in place. The quantity will be  
21 determined by actual surface measurement of the pavement before breaking it up.

22 *Breaking of Existing Asphalt Pavement* will be measured and paid in square yards of existing  
23 asphalt pavement actually broken up and left in place. The quantity will be determined by  
24 actual surface measurement of the pavement before breaking it up.

25 Where the pavement removed or broken up is a combination of layers of both asphalt and  
26 concrete pavement, payment will be made at the contract unit price per square yard for  
27 *Removal of Existing Concrete Pavement* or *Breaking of Existing Concrete Pavement*.

28 Where the pavement removed is a combination of layers of both asphalt and concrete  
29 pavement and an item is not established for concrete pavement removal, the cost of removing  
30 the combination of layers of asphalt and concrete will be made in accordance with  
31 Article 104-7.

32 Payment includes, but is not limited to, breaking up, removing and disposing of existing  
33 concrete or asphalt pavement, including paved shoulders and removing any temporary  
34 roadway pavement structure placed during construction to serve as a detour.

35 This work does not include pavement removal for pipe installation; removing and disposing  
36 of sidewalks, driveways, curb and gutter; traffic islands and parking areas; or any other  
37 incidental paved structures that are not part of a roadway pavement structure.

38 Payment will be made under:

<b>Pay Item</b>	<b>Pay Unit</b>
Removal of Existing Asphalt Pavement	Square Yard
Removal of Existing Concrete Pavement	Square Yard
Breaking of Existing Concrete Pavement	Square Yard
Breaking of Existing Asphalt Pavement	Square Yard