

Grade and shape all side slopes and ditches to conform approximately with the typical cross section designated on the Plans. Unless otherwise shown on the Plans, excavate and backfill rock, hard sandstone, shale, or other solid unyielding material in the roadbed with acceptable material in accordance with Subsection 202.02(a). Construct excavation and embankment in accordance with Subsections 202.02 (a) and (b) of these Specifications. Unless otherwise noted on the Plans, clean all normal inlet and outlet channels to the right-of-way line; this work shall be included in the price bid for machine grading.

*NOTE: Any damage to adjacent structures shall be repaired at the Contractor's expense, as directed by the Engineer.*

As soon as any portion of the work is graded, blade and shape it to secure a smooth surface of uniform cross-section approximately true to line and grade. Maintain the roadway in a satisfactory condition at all times until final acceptance.

*NOTE: All work performed under this item shall be done in a neat and workmanlike manner acceptable to the Engineer.*

**209.05. METHOD OF MEASUREMENT.**

Measure machine grading by 100 foot (1.0 kilometer) stations to the nearest 0.01 (0.001) station along the centerline of the roadbed.

**209.06. BASIS OF PAYMENT.**

Machine grading, measured as provided above, will be paid for at the contact price for as follows:

MACHINE GRADING.....STATION

Such payment shall be full compensation for drifting, or hauling of excavated material, plowing, scarifying, blading, removal of stone and boulders from the roadway, compacting, shaping, cleaning all normal inlet and outlet channels to right-of-way lines, and for all labor, tools, equipment and incidentals necessary to complete the work as specified.

**SECTION 210  
OBLITERATING ABANDONED ROAD**

**210.01. DESCRIPTION.**

This work shall consist of obliterating designated sections of old road by removing and disposing of surfacing, structures, and other items, in reasonably close conformity with the Plans and these Specifications.

**210.04. CONSTRUCTION METHODS.**

Complete this work only after the sections of the old road to be obliterated are no longer needed for traffic. Break and remove pavement and base courses in accordance with Section 619. Remove items with salvage value—such as steel bridges, culvert pipe, guard rail, posts, bridge timber, and all other items—without damage and stockpile or store them within the limits of the project as shown on the Plans.

*NOTE: When salvage or use in the work is not shown on the Plans for any items, they shall become the property of the Contractor.*

If concrete structures need to be removed, break them out to the ground level or to an elevation to be covered with earth. Then either spread out the broken concrete and at locations designated by the Engineer and cover it with earth to a depth of at least 1 foot (0.3 m), or remove it from the site of the work.

After removing the surfacing, structures, and other items, scarify or plow the old roadbed—rounding and smoothing by blading or other suitable methods; except in rock, grade, slope, and round the ends of embankments and the top of cuts within the existing right-of-way. Fill all ditches and grade the entire roadway.

### **210.05. METHOD OF MEASUREMENT.**

When *obliterating abandoned road*, measure by the station of 100 foot (1.0 kilometers) or fraction thereof measured along the center line of the obliterated roadway.

### **210.06. BASIS OF PAYMENT.**

Obliterating abandoned road, measured as provided above, will be paid for at the contract unit price for as follows:

OBLITERATING ABANDONED ROAD ..... STATION

Such payment shall be full compensation for

- (1) removal, disposal, and storing of all materials with salvage value and for the satisfactory disposal and obliteration of other materials and debris,
- (2) regrading and shaping the roadway; and
- (3) for all equipment, tools, labor and incidentals necessary to complete the work as specified.

## **SECTION 220 TEMPORARY EROSION, SEDIMENTATION, AND STORMWATER POLLUTION PREVENTION AND CONTROL**

### **220.01. DESCRIPTION.**

This work shall consist of temporary measures and devices to control erosion and sediment within the project limits and to minimize the pollution of rivers, streams, impoundments and private properties. Such measures may include berms, dikes, slope drains, bale barriers, siltation screens, fabrics, sediment filters, sediment basins, fiber mats, netting, gravel, riprap, mulches, grasses and other erosion and sediment control devices and methods.

The temporary erosion and sediment controls shall be coordinated with the permanent erosion controls specified on the Plans, to assure economical, effective and continuous control of erosion and sediment throughout the construction and post-construction period.