

# TECHNICAL SPECIFICATIONS No. 9

## ROADWAY EXCAVATION

### DESCRIPTION

- 901.1 Roadway excavation shall consist of performing all work necessary to excavate material, remove existing base, and pavement, haul away and dispose of all excess materials, and to compact the subgrade. The contractor shall be responsible for making arrangements for disposal of all excess excavated materials.
- 901.2 The surface of the finished subgrade prior to placement of the aggregate base at any point shall not vary more than 0.05 ft above or below the grade established by the improvement plans.
- 901.3 The surface of the finished aggregate base prior to the placement of asphalt concrete at any point shall not vary more than 0.04 ft. above or below the grade established by the improvement plans

### COMPACTION

- 902.1 When excavation has been completed to the line and grade set by the Engineer, the exposed cut surface shall be watered and compacted by suitable rollers until a relative compaction of at least ninety-five percent (95%) is obtained in the upper six inches (6").
- 902.2 Water shall be taken from City water meter only. Contractor shall pay for all water used. Contractor shall rent the number of meters required and pay appropriate fees to the City Finance Department. Contractor will be billed for all water used and any damage to meters. The City will move the meters when requested.

### MEASUREMENT AND PAYMENT

- 903.1 The total volume of roadway excavation paid for under this contract shall include all material contained between the existing ground surface and the applicable surfaces described below:
- A. The upper surface of the subgrade, including the plane upon which select material is to be placed.
  - B. The outside faces of the gutters where gutters are existing and are to remain.
  - C. The back face of curb and the under surface of curb and gutter for curb and gutter to be installed by the Contractor.
  - D. The under surface of sidewalks, cross gutters, "V" gutters, driveway approaches, or driveways to be installed by the Contractor.
  - E. The finished grade of back slopes to be graded by the Contractor from the back of curb or back of sidewalk, where sidewalks are installed, to the property line.
  - F. The vertical projection of the alley right-of-way line.

- G. The alley ward face of alley cross gutters to remain or to be removed.
- H. The finished grade of back slopes to be graded by the Contractor from the alley right-of-way line onto the adjacent property.

903.2 Computations of roadway excavation shall be made on the basis of cross sections on file in the office of the Engineer. Any material excavated to a depth or width greater than that specified by the Engineer shall be replaced at the contractor's expense.

903.3 The contract unit price paid per cubic yard for "**Roadway Excavation**," shall be full compensation for furnishing all labor, materials, tools, equipment and incidentals, including compaction testing of the excavated area, and for doing all the work involved to excavate the roadway as shown on the Plans, as specified in these Plans, as specified in these Special Provisions and Specifications, and as directed by the Engineer and no additional compensation will be allowed therefor.