

## Earthwork Pay Items GP&P

### Excavation Disposal (EQ)

- Removing and disposing of excess material not needed after completion of the designed section. Note: This quantity does not include material excavated from pipe trenches, inlets, retaining wall excavations, bridge abutments or other appurtenances. Those excavated materials shall be subsidiary to other items of work for which payment is made.

### Excavation Borrow(EQ)

- Indicates that material must be obtained off site in order to complete the required embankments.

### Excavation (EQ)

- Available material on site that is intended to be used for construction of the embankments. Quantity established by average end area of cross sections with no balance factor used. Note: This quantity does not include material excavated from pipe trenches, inlets, retaining wall excavations, bridge abutments or other appurtenances. Those excavated materials shall be subsidiary to other items of work for which payment is made.

### Earthwork Measured in Embankment (EQ)

- Amount of material to be placed in finished sections and compacted to complete fills. EQ'd from average end area measurement with no balance factor. Note: This quantity does not include embankments necessary to complete backfilling of pipe trenches, inlet excavations, retaining walls, bridge abutments or other appurtenances. Those backfill activities shall be subsidiary to other items of work for which payment is made.

### Over-Excavation(EQ)

- Removal and Re-compaction of specified sections where material removal is intended to achieve a uniform density. EQ'd from average end area measurement with no balance factor.

\*\*\* Note: Over-Excavation is a stand alone quantity and should not influence any of the other quantities. The EMB quantity less the Excavation must equal either the Disposal or Borrow quantity, dependent on more material being needed from off site or hauled off site..

\*\*\* By bidding each item as a separate unit we get bid histories which closer reflect the actual cost of say hauling away 50,000 cubic yards versus hauling in the same amount.