

## SECTION 312323.14 - COMPACTED GRANULAR BACKFILL

### PART 1 - GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of Contract, including General and Supplementary Conditions and Division-1 Specification sections, apply to work of this section.

#### 1.2 DESCRIPTION OF WORK

- A. The Contractor shall furnish, place and compact all the materials needed.

### PART 2 - PRODUCTS

#### 2.1 MATERIAL

- A. Trench backfill shall be limestone aggregate well graded from coarse to fine and be free of dirt and shall be of an aggregate size conforming to ODOT No. 304 and material type shall be as per ODOT No. 304 except that slag and recycled concrete products are unacceptable as compacted granular backfill material.
- B. Drainage fill shall be a washed, evenly graded mixture of crushed limestone conforming to a modified aggregate size No. 57, 67 or 467 with 100% passing a 1-1/2 inch sieve and not more than 5% passing a No. 4 sieve. Slag and recycled concrete products are unacceptable as drainage fill material.
- C. Contractor shall submit current test reports for the lot(s) of the material to be supplied.

### PART 3 - EXECUTION

#### 3.1 PLACING AND COMPACTING

- A. Compacted granular backfill shall be properly placed in layers sufficient to meet the compaction requirement of 100% of maximum laboratory dry density per ASTM D698 throughout the entire layer and thoroughly compacted with mechanical compaction equipment with moisture adjustment as needed. Should after settlement occur, the Contractor must add and compact additional material, and he must maintain the backfill at the required finished grade or sub-grade until the project is satisfactorily completed and during the correction period.
- B. Approved mechanical compaction equipment shall be used for tamping backfill. Flooding, jetting or puddling of backfill will not be permitted.

END OF SECTION 312323.14