

SECTION 02205

COMMON FILL

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Common fill material requirements.

1.02 REFERENCES

- A. AASHTO M 145: Recommended Practice for the Classification of Soils and Soil-Aggregate Mixtures for Highway Construction Purposes.
- B. AASHTO T-27: Standard Method for Sieve Analysis of Fine and Coarse Aggregates.

1.03 DEFINITIONS

- A. Common Fill: Backfill material which is not mechanically graded.

1.04 ACCEPTANCE

- A. Acceptance of common fill shall be determined by Engineer and based upon 1 subplot of 500 tons plus any additional subplots for each 500 tons or portion thereof over and above the first 500 tons of each common fill placed in any 1 week.
- B. Engineer reserves the right to select and test backfill on a random basis from any location in the Work, on the site or from the backfill source.

PART 2 PRODUCTS

2.01 BORROW/GRANULAR FILL (AASHTO TYPE A-1-a)

- A. Bank run material: free of shale, clay, slag, friable material and debris.
- B. The material must be within the following limits:

SIEVE SIZE	PERCENT BY WEIGHT PASSING SIEVE
4 inches	99
No. 4 (4.75 mm)	30 to 70
No. 200 (75 micro m)	3 to 15

2.02 NATIVE MATERIAL

- A. Sound, earthen material with 95% passing the 4 inch sieve.
- B. Percent of material by weight passing Number 200 sieve shall not exceed 20% when tested in accordance with AASHTO T-27.

2.03 SAND

- A. Clean, coarse, natural sand.
- B. Nonplastic when tested in accordance with ASTM D 4318.
- C. 100 percent shall pass a ½ inch screen.
- D. No more than 20 percent shall pass a number 200 screen.

2.04 SOURCE QUALITY CONTROL

- A. Verify gradation compliance in accordance with AASHTO T-27. Select samples uniformly in time on a random basis.

PART 3 EXECUTION

3.01 INSTALLATION

- B. Excavation and Backfill Operations: In accordance with Section 02225.

END OF SECTION