

**ROGERS WATER UTILITIES
ROGERS, ARKANSAS**

**SPECIFICATIONS FOR PIPE
BEDDING MATERIAL
REVISED FEBRUARY 2006**

1. **SCOPE**

This specification covers crushed limestone material used for embedment of water, sanitary sewer and force mains, sanitary sewer services and water services beneath paved areas. Embedment materials may be either AHTD Class 7 crushed limestone or Aggregate Size Number 67 (ASTM D448) crushed limestone.

2. **GENERAL REQUIREMENTS FOR AHTD CLASS 7 BEDDING MATERIAL**

- a. The embedment material shall be restricted to mechanically crushed limestone rock so proportioned as to conform to the requirements of AHTD Test Method 304.
- b. The embedment material shall be required to meet the sieve test of AASHTO T 11 & T 27.

Class 7 Gradation

| <u>Sieve Size</u> | <u>Percent by Wt. Passing</u> |
|-------------------|-------------------------------|
| 1½" | 100 |
| 1" | 60-100 |
| ¾" | 50-90 |
| No. 4 | 25-55 |
| No. 40 | 10-30 |
| No. 200 | 3-10 |

3. **GENERAL REQUIREMENTS FOR AGGREGATE SIZE NO. 67 (ASTM D448) BEDDING MATERIAL**

- a. The embedment material shall be restricted to mechanically crushed limestone rock so proportioned as to conform to the requirements of ASTM D448 for a Standard Aggregate Size Number 67 (approximate ¾" to No. 8).
- b. The embedment material shall be required to meet the sieve test of ASTM E11 to conformity to ASTM D448 for a Standard Aggregate Size Number 67 (approximate ¾" to No. 8).

PIPE BEDDING MATERIAL
04-03 SPECIFICATIONS

ASTM D448 Size Number 67 Gradation

| <u>Sieve Size</u> | <u>Percent by Wt. Passing</u> |
|-------------------|-------------------------------|
| 1" | 100 |
| 3/4" | 90-100 |
| 3/8" | 20-55 |
| No. 4 | 0-10 |
| No. 8 | 0-5 |

4. **QUALITY ASSURANCE**

The results of the sieve test of the material shall be obtained by the Contractor for the source of supply and said test results shall be furnished to RWU. The results of the testing shall be used to approve or disapprove the source of supply by RWU and no further testing will be required for that specific project for which the test was made.