



## SP 4.2-003 (2013) Replaces SP4.2-001

# Standard Specifications for Construction City of Waco 2013 Special Provision to Section 4.2 Excavation and Backfill

February 25, 2022

The Standard Specifications for Construction City of Waco 2013  
Section 4.2: Excavation and Backfill

Part 2: Product

A. Materials

3. Trench Backfill

a. Type "A"

(1) General

(a). Tests

(b). Gradation

are hereby replaced as follows:

(a) *Tests – The liquid limit shall not exceed 35 when tested in accordance with ASTM Designation D 4318.*

*The plasticity index shall not exceed 14 when calculated in accordance with ASTM Designation D 4318.*

*The linear shrinkage shall not exceed six percent when Type "A" backfill is used for pavement base material. For gravel street surfacing, it shall have a minimum plasticity index of 4.*

*(b). Gradation – The material when tested by standard laboratory methods shall meet the following percentages by weight:*

<i>Passing 2 in. sieve</i>	<i>100%</i>
<i>Passing ½ in. sieve</i>	<i>50 to 90%</i>
<i>Passing No. 4 sieve</i>	<i>20 to 70%</i>
<i>Passing No. 100 sieve</i>	<i>0 to 15%</i>

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