

**Evaluation Table:**

<b>PEP ID:</b>	
<b>Manufacturer:</b>	
<b>Product Name:</b>	

1006 – PORTLAND CEMENT CONCRETE:

1006-2.04 Type D – Water Reducing & Retarding:

Standard Specification Section 1006-2.04, ASTM C494, 1006-2.04(B)

ADOT Drawings:

Responsible Section: Materials Group

<b>Material Property</b>	<b>Specifications/ Test Method</b>	<b>Requirements</b>	<b>Results</b>	<b>Pass/ Fail</b>
Water content, max, % of control	ASTM C494	95		
Time of setting, allowable deviation from control, h:min:	ASTM C494	Initial Set Time: +1:00 to +3:30		
		Final Set Time: Not more than +3:30		
Compressive Strength, min, % of control	ASTM C494	110 @ 3 days		
		110 @ 7 days		
		110 @ 28 days		
		100 @ 6 months		
		100 @ 1 year		
Flexural Strength, min, % of control	ASTM C494	100 @ 3 days		
		100 @ 7 days		
		100 @ 28 days		
Length change over control, maximum	ASTM C494	135% if control length change $\geq$ 0.030%		
		0.010 if control length change $<$ 0.030%		
Relative Durability Factor, min	ASTM C494	80		
Chloride Concentration	Arizona Test Method 738 BS EN 480-10:2009	Equal to or Less than 1% or 10,000 parts per million		