

PORTLAND CEMENT CONCRETE MIX DESIGN¹ (Continued)
MATERIALS SOURCE SUMMARY

• CEMENT (AASHTO M 85)

Name and address of cement producer: Ideal Basic Inc., Fort Collins

Source of manufacture: Limestone Quarry on Property

Type of cement: II

Materials certification attached: Yes No

• WATER (725.01 and AASHTO T 26)

Water potable: Yes No If no, provide the following:

Water pH number _____
 Chloride concentration _____ (ppm)
 Sulphate ion concentration _____ (ppm)
 Total solids content _____ (%)

• ADMIXTURES

Material	Producer and Product Designation	Certification Attached	
		Yes	No
Air entraining admixture	<u>Protex</u>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Water reducing admixture, type A	_____	<input type="checkbox"/>	<input type="checkbox"/>
Retarding admixture, type B	_____	<input type="checkbox"/>	<input type="checkbox"/>
Accelerating admixture, type C	_____	<input type="checkbox"/>	<input type="checkbox"/>
Water reducing and retarding admixture, type D	_____	<input type="checkbox"/>	<input type="checkbox"/>
Water reducing and accelerating admixture, type E	_____	<input type="checkbox"/>	<input type="checkbox"/>
Water reducing, high range admixture, type F	_____	<input type="checkbox"/>	<input type="checkbox"/>
Fly ash, type _____	_____	<input type="checkbox"/>	<input type="checkbox"/>
Ground iron blast-furnace slag	_____	<input type="checkbox"/>	<input type="checkbox"/>
Silica fume (microsilica)	_____	<input type="checkbox"/>	<input type="checkbox"/>
Color additive	_____	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	_____	<input type="checkbox"/>	<input type="checkbox"/>

¹ For normal mass portland cement concrete (2300 - 2500 kg/m³).