State of Alaska
Department of Transportation
& Public Facilities

Supplier Submitted Concrete Mix Design (Form 25D-203)

Project No: _____ Project Name: _____

Supplier: _____ Plant Location: _____ Mix ID No. _____

Aggregate Materials Source(s): _____ Cement Brand/Type: _____

Class _____ Concrete **Minimum Compressive Strength (psi):** _____

Specifications: _____ **Use:** _____ **Cement Content (sacks/cy):** _____

-Sieve Analysis -

AASHTO Gr.#	67	
Coarse Aggregate		
Sieve	% Pass	Specs
1 1/2"		
1"		100
3/4"		90-100
1/2"		
3/8"		20-55
#4		0-10
#8		0-5
#200		

SSD Specific Gravity: _____
Absorption %: _____
Dry-Rodded Unit Wt: _____

AASHTO Gr.#	8	
Intermediate Aggregate		
Sieve	% Pass	Specs
1"		100
3/4"		100
1/2"		100
3/8"		85-100
#4		10-30
#8		0-10
#200		

SSD Specific Gravity: _____
Absorption %: _____
Dry-Rodded Unit Wt: _____

AASHTO Gr.#	M6	
Fine Aggregate		
Sieve	% Pass	Specs
3/8"		100
#4		95-100
#8		80-100
#16		50-85
#30		25-60
#50		10-30
#100		2-10
#200		0-3

SSD Specific Gravity: _____
Absorption %: _____
Fineness Modulus: _____

	Batch Weights - Pounds or Ounces Per		Batch Volumes	
Component	Sack Wts - No longer used	Cubic Yard	Ft^3 per Cubic Yard	
Cement				
Mixing Water				
Coarse Aggregate		SSD	0	
Inter. Aggregate		SSD	0	
Fine Aggregate		SSD		**Admixture SpG**
Admixture 1		oz		
Admixture 2		oz		
Admixture 3		oz		
Admixture 4		oz		
Air %:				
Totals:		0 lbs.	0.00	

Compressive Strength

Spec. No.	Size	Age	PSI

		Specifications
Probable 28-day Strength (psi):		
Slump or Slump Flow (in):		
Air content (%):		
Water/Cement Ratio (lb / lb):		
Wet Density (pcf):	0.0	
Nom. Max. aggregate size:		
Volume of coarse aggregate per unit volume of concrete (cf/cf):	N/A	
Chloride Ion Content (%)		

Submitted By: _____ Date: _____
(Supplier's Representative) Name/Title

Approved By: _____ Date: _____
Materials Engineer or Quality Assurance Engineer

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Admixture, Required Attachment Checklist, Remarks and Engineer Seal

Supplier: **Project:**

Admixture	Mfg. Recommended Dosage Range	Mix Design dosage range

Required for:	Attachments	Check box if attached	Check box if the material is not used in this mix design
501	NRMCA plant and delivery system certification		
501	Mix Design computations per Contract requirements		
501	Chloride ion content testing report per AASHTO T 260		
501	Plant manager's certification of weighing and measuring devices		
501	Cementitious materials certifications per AASHTO M 85		
501	Mixing water and ice test results or certifications per Subsection 712-2.01		
501	Coarse aggregate quality test results per Subsection 703-2.02		
501	Coarse aggregate gradtion test results per Subsection 703-2.02 or ATM 530		
501	Fine aggregate quality test results per Subsection 703-2.01		
501	Fine aggregate gradation test results per Subsection 703-2.01 or ATM 530		
501	Other aggregate quality test results per Subsection 703-2.01 or 703-2.02		
501	Other agg. gradation test results per Subsection 703-2.01 or 703-2.02 or ATM 530		
501	Chemical admixture certifications per Subsection 711-2.02		
501	Admixture manufacturer's certification of compatibility for adding simultaneously*		
501	Compressive strength test data		
501	Test data of mixture temperature, slump, unit weight and air content		

* Either manufacturer's letter or as shown in admixture certifications of compatibility

Supplier Remarks:

Approving Engineer's Remarks:

AK P.E. Stamp (501)