

Department of	Transportat	ion			Cond	rete Mix	Design
Contractor			Subr	nitted By		Date	
Concrete Supplier				Plant Location			
Contract Number Contract Nam			me				
This mix is to be used in the to Concrete Class:	following Bid Ite	m No(s):					
Remarks							
Mix Design No.				Plant No.			
Cementitious			4	_		0 0	I b = / = ·
Materials	Source	Pla	ınt	Type, Class o	r Grade	Sp. Gr.	Lbs/cy
Cement							
Fly Ash ^a				F C Alkali	%		
GGBFS (Slag) ^a				100 120			
Concrete Admixtures			М	Manufacturer		duct	Est. Range (oz/cy)
Air Entrainment							
Water (Maximum)	lbs/c	у		Is any of the water	Recycled or Re	eclaimed?	Yes ^d No
Water Cementitious Ratio (M	laximum)		_	M	lix Design Dens	sity (pcf)	
Design Performance (At	tach Test Data	a)					
Average 28-day compressi	ve strength (ps	si)					
Average 14-day flexural str				nly)			
Concrete Chloride Ion Con	tent (% by mas	s of cement))	Wa	ater Soluble	Acid Soluble	
Agency Use Only (Check	appropriate Box	()					
This Mix Design MEETS	CONTRACT S	PECIFICATION	ONS an	d may be used on the	bid items note	d above	
This Mix Design DOES	NOT MEET CO	NTRACT SPI	ECIFICA	ATIONS and is being re	turned for cor	rections	
Reviewed By:							
PE Signature — — — Date							

Aggregate Gradation AASHTO Combine	ed					
Aggregates	1	2	3	4	5	Total
WSDOT Source No. ^b						
Source Expiration Date ^b						
ASR Expansion (%) b 14 Day 1 Year						
Is ASR Mitigation Required?						
Stock Pile Grading ^c						
Percent of Total Aggregate						
Specific Gravity (SSD)						
Lbs/cy (ssd)						
Include Percent Passing for each aggregate component. Include Total only for Combined Gradations.		Total				
2 inch						
1-1/2 inch						
1 inch						
3/4 inch						

Plant No.

Fineness Modulus:

(Required for Class 2 Sand)

Proposed ASR Mitigation Method:

Notes:

1/2 inch 3/8 inch No. 4 No. 8 No. 16 No. 30 No. 50 No. 100 No. 200

- a Fly ash or GGBFS is required for Class 4000P mix.
- b Enter data from WSDOT ASA Database. ASR Mitigation is required for sources with 14-day expansions greater than 0.20%. No mitigation is required if the 1-year expansion is less than 0.04%. Proposed mitigation methods for 14-day expansions greater than 0.45% require ASTM C 1567 tests proving that the method is effective. See WSDOT Standard Specification 9-03.1.
- c Stockpile gradation: AASHTO No. 467, 57, 67, 7, 8; WSDOT Class 1, Class 2; or combined gradation stockpile sizes. See WSDOT Standard Specification 9-03.1.
- d Attach test results indicating conformance to Standard Specification 9-25.1.

Mix Design No. _____