## Oregon Department of Transportation Concrete Mix Design Submittal Check List

OCAPA / Industry recommended - ODOT approved page 1 of 2 Concrete supplier: Contractor: Project manager: Contract No.: Project name: Please answer with a yes/ no or fill in the information requested Ready-mix Suppliers Design No.: Is this submittal for the sole purpose of *mix adjustment*? Is the mix adjustment weather related? Is this a new or current Mix design? Has the mix been used in the last 12 mo.? Last project mix was used on.(Name or Contract No.) Current ODOT lab No. for this mix design Has there been any adjustments made since last approved? Rerquired minimum 14 day submittal prior to placement. Provide date submitted. Does the design comply with ACI 211? **Submittal Attachments Check List Trial Batch/history Data** Concrete Temperature {00540.49}and{table 02001-3} Slump Retention Chemical Retention **Total Retention** Slump (Table 02001-3) HPC Solid volumes CA {Table 02001-4} Density {02001.42 (b)} Set Delay Total Retention Air content {Table 02001-2} HPC Cementitious content {02001.30} Cement content (2002-Table 02001-1 or 2008 NO SPEC.) Additional Comments W/cm ratio {2002/2008 Table 02001-1} Yield {Table 02001-2} 7 day strength Data 28 day strength Data {Table 02001-1} Strength Analysis {02001.43}{02001.46} Special provisions: (example- Change in drum revolutions, Discharge time, ECT. Section 02001.45 and 02001.47 requirements (Red lettering indicated for both) Coarse Aggregate #1 Coarse Aggregate #3 Dry-rodded unit weight (Supplier's responsibility) Dry-rodded unit weight (Supplier's responsibility) Gradation production reports Gradation production reports Bulk SSD gravities Bulk SSD gravities Absorptions Absorptions Coarse Aggregate #2 Coarse Aggregate #4 Dry-rodded unit weight (Supplier's responsibility) Dry-rodded unit weight (Supplier's responsibility) and/or and/or Gradation production reports Gradation production reports Bulk SSD gravities Bulk SSD gravities

Combined Dry-Rodded Unit Weight. If more than on CA is to be used.

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Fine Aggregate #1		Fine Aggregate #3	
Annual Product Compliance Number		Annual Product Compliance Number	
Gradation production reports	and/or	Gradation production reports	and/or
Bulk SSD gravities		Bulk SSD gravities	
Absorptions		Absorptions	
Fineness Modulus		Fineness Modulus	
Fine Aggregate #2		Fine Aggregate #4	
Annual Product Compliance Number		Annual Product Compliance Number	
	and/or		and/or
Gradation production reports		Gradation production reports	
Bulk SSD gravities Absorptions		Bulk SSD gravities Absorptions	<u> </u>
Fineness Modulus		Fineness Modulus	
Indicate whether or not the product is on the QPL. If not, provide the manufactures spec's.			
indicate whether or not the p	roduct is on the	e QPL. If not, provide the manuf	actures spec's.
	QPL		QPL
Cement to be used		Fly-Ash to be used	
Manufacturer-Brand Type		Manufacturer-Brand Type	
Source or location of plant location	-	Source or location of plant location	$\vdash$
	QPL		QPL
Silica Fume to be used		GGBFS to be used	
Manufacturer-Brand	_	Manufacturer-Brand	<del></del>
Type Source or location of plant location		Type Source or location of plant location	$\vdash$
	QPL		QPL
Manufacturer-Brand Type		Manufacturer-Brand Type	
Source or location of plant location	_	Source or location of plant location	
	Adm	nixtures	_ !!
	QPL		QPL
Manufacturer	<del>                                     </del>	Manufacturer	
Brand Name		Brand Name	
Anticipated dose rate		Anticipated dose rate	
	QPL		QPL
Manufacturer		Manufacturer	
Brand Name		Brand Name	
Anticipated dose rate		Anticipated dose rate	
	QPL		QPL
Manufacturer		Manufacturer	
Brand Name		Brand Name	
Anticipated dose rate		Anticipated dose rate	
	QPL		QPL
Manufacturer		Manufacturer	
Brand Name		Brand Name	
Anticipated dose rate		Anticipated dose rate	
Water Source			
If QCT and CSTT is not listed on the sub	mittal field sheets	and/or break QCT	
reports for Trial Batches, Please provide		ασ.	
provided boxes.		CSTT	
Ľ			
Break history/ f'rc {02001.43}{02001.46}{02001.46} Signature			
Signature: Signifies that the Contractor have received and reviewed the Mix Design.			
Signature: Signifies that the ODOT rep. have received and reviewed the Mix Design.			
name (Please print)	Card I	Number Signature	<del></del>