MATERIAL		REFERENCE / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ.	MIN. QUANT. / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
FOR DETAILS ON CONCRETE MIX DESIGNS, TESTS AND MATERIALS , SEE SECTION 901 OF THIS MANUAL.										
ADHESIVE-LUBRICANT		1005.03(b) Mat. Lab	Accept.	Proj. Engr. S 601	1/adhesive lot	1 qt Friction top can	-----	2,000 yd^2	10 days	(QPL 8) For use with preformed elastomeric compression joint seal. Mix well before sampling. Seal can tightly.
BOLSTER BLOCKS	Concrete (Class A Structure)	601.09(h)	SEE SECTION 901 OF THIS MANUAL.							
CONCRETE - CURED	Cores	601.18 Mat. Lab/ Dist. Lab	Accept.	Contractor/ Dist. Lab Rep. TR 225	5/lot	5 cores*	-----	less than 2,000 yd^2, make cylinders	dependent upon completion of lot & curing Min. 3 days	Contractor shall notify the Dist. Lab Engr. at least five (5) days prior to the start of coring operations. See "Application of Quality Assurance Specifications for Portland Cement Concrete Pavement and Structures" for details.
	Surface Tolerance	601.11 Contractor	Quality Control	Contractor TR 641	Each lot/each wheel path	Entire lot	-----	-----	-----	Contractor must furnish an approved 25 ft profilograph and an approved 10 ft metal static straightedge. To be tested as soon as concrete has hardened.
		601.11 Proj. Engr.	Accept.	Proj. Engr.*	1/location/ 300 ft**	-----	-----	-----	-----	*See QA manual for details. **Shoulders, turnouts and crossovers shall be checked with an approved 10 ft metal static straightedge.

MATERIAL		REFERENCE / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ.	MIN. QUANT. / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
CONCRETE - CURED (Cont'd)	Surface Tolerance (cont'd)	601.11 Dist. Lab	Accept.	Dist. Lab TR 641	Each lot/each wheel path	Entire lot	-----	-----	2 day	Travel lane and associated pavement will be tested after quality control testing and corrective work completed by contractor.
	Tine Texturing	601.08(h) Proj. Engr.	Accept.	Proj. Engr. TR 229	2/lot*	-----	-----	-----	1 day	*See DOTD TR 229.
CONCRETE - PLASTIC	Compressive Strength	601.18(b)(3) 901.12 Dist. Lab	Accept.*	Proj. Engr. S 301	3 cyl/pour/ 100 yd^3 max.	2 ft^3 6 in. x 12 in. cylinder mold	-----	-----	30 days	*For small quantity pavements and projects with less than 2000 yd^2.
		601.07 601.17 Dist. Lab	*	Proj. Engr. S 301	1 set of 3 cyl/ location/day	2 ft^3 6 in. x 12 in. cylinder mold	-----	-----	1 day	*Used to determine early opening date for traffic or construction equipment.
	Rate of Application for Curing Compound	601.10 Proj. Engr.	Accept.	Proj. Engr.	1/day	*	-----	200 yd^2 visual insp.	1 day	*The curing compound must be applied uniformly to cover the surface of the plastic concrete.
	Surface Finish	601.08(f) Contractor	Quality Control	Contractor	Entire surface area - each lot*	-----	-----	-----	----	*Tested for trueness with an approved 10 ft metal static straightedge.
	Thickness	601.19 Contractor	Quality Control	Contractor	*	-----	-----	-----	-----	*Shall test sufficient to ensure specifications are met.
		601.18(b)(3) Proj. Engr.	Accept.	Proj. Engr.	*	-----	-----	-----	1 day	*Shall test sufficient to ensure plan thickness is met.
	Tine Texturing	601.08(h) Contractor	Quality Control	Contractor TR 229	*	-----	-----	-----	-----	*Sufficient number of random checks to ensure the required texture depth is achieved.
CURING MATERIALS	Burlap Cloth	601.02 1011.01(b) Mat. Lab	Accept.	Proj. Engr. S 601	1/shipment*	36 in. x 36 in.	-----	-----	10 days	*Visual inspection by Proj. Engr. Sample only if questionable. For cold weather protection.
	Burlap & White Polyethylene Sheeting	601.02 1011.01(e) Mat. Lab	Accept.	Proj. Engr. S 601	1/shipment*	36 in. x 36 in.	-----	-----	10 days	*Visual inspection by Proj. Engr. Sample only if questionable. For cold weather protection.

MATERIAL		REF. / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ.	MIN. QUANT. / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
CURING MATERIALS (Cond't)	Curing Compound	601.02 1011.01(a) Mat. Lab	Prelim. Source Approval	Mfr. S 601	1/6 months	1 qt Friction top can	-----	-----	21 days	(QPL 65)
		601.02 1011.01(a) Mat. Lab	Accept.	Proj. Engr. S 601	1/shipment*	1 qt Friction top can	CC	-----	10 days	(QPL 65) *Visual inspection by Proj. Engr. Sample only if questionable.
	Waterproof Paper	601.02 1011.01(c) Mat. Lab	Accept.	Proj. Engr. S 601	1/shipment*	36 in. x 36 in.	-----	-----	10 days	*Visual inspection by Proj. Engr. Sample only if questionable. For cold weather protection.
	White Polyethylene Sheeting	601.02 1011.01(d) Mat. Lab	Accept.	Proj. Engr. S 601	1/shipment*	36 in. x 36 in.	-----	-----	10 days	*Visual inspection by Proj. Engr. Sample only if questionable. For rain protection.
EPOXY RESIN SYSTEMS	Type I, Grade C	601.02 1017.02 Mat. Lab	Accept.	Proj. Engr. S 601	1/lot or shipment	1 qt each component Friction top can	-----	50 lin ft of joint	11 days	(QPL 32)
GEOTEXTILE FABRIC		601.02 1019 Mat. Lab	Prelim. Source Approval	Dist. Lab S 614	1/type/lot/ source/ shipment	3 lin ft/roll with of fabric*	-----	-----	10 days	(QPL 61) *Sample a minimum of 18 ft ^{2}.
		601.02 1019 Mat. Lab	Accept.	Proj. Engr. S 601	1/type/source/ shipment	3 lin ft/roll width of fabric*	CD** 1 & 7	150 yd^2 of fabric	10 days	(QPL 61) *Sample a minimum of 18 ft^2. **Sample when not accompanied by CD or questionable.
JOINT FILLERS	Preformed Bituminous Type	601.02 1005.01(c) Mat. Lab	Accept.	Proj. Engr. S 601	1/5000 lin ft	36 in. length	-----	2,000 yd^2	10 days	-----
	Preformed Closed Cell Polyethylene Joint Filler	601(02) 1005.01(e) Mat. Lab	Accept.	Proj. Engr. S 601	1/5000 lin ft	36 in. length	-----	2,000 yd^2	11 days	-----

MATERIAL		REFERENCE / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ	MIN. QUANT. / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
JOINT FILLERS (Cont'd)	Preformed Polyurethane Foam	601.02 1005.07 Mat. Lab	Accept.	Proj. Engr. S 601	1/5000 lin ft/ type	36 in. length	------	2,000 yd^2	11 days	------
	Preformed Resilient Bituminous Type	601.02 1005.01(a) Mat. Lab	Accept.	Proj. Engr. S 601	1/5000 lin ft	36 in. length	-----	2,000 yd^2	10 days	-----
	Wood	601.02 1005.01(b) Mat. Lab	Accept.	Proj. Engr. S 601	1/5000 lin ft	36 in. length	-----	2,000 yd^2	10 days	-----
JOINT FORMER/ SEALER (Combination)	Preformed Joint Former/Sealer	1005.04 Mat. Lab	Accept.	Proj. Engr. S 601	1/5000 lin ft	6 ft length	------	2,000 yd^2	11 days	-----
JOINT SEALANT (Extruded)	Silicone Polymer (single or two-component rapicure)	1005.02(c),(d) Mat. Lab	Prelim. Source Approval	Dist. Lab S 611	1/batch or shipment	1 gal Friction top can	CA 7	-----	30 days	(QPL 42)
		1005.02(c), (d) Mat. Lab	Accept.	Proj. Engr. S 611	1/shipment*	------	CD 1 & 7	2,000 yd^2	30 days	(QPL 42) *Sample only if questionable.
		1005.02(c),(d) Mat. Lab	Accept.*	Proj. Engr. S 611	1/batch or shipment	1 gal Friction top can	CA 7	2,000 yd^2	30 days	(QPL 42) *When material is not accompanied by a CD.
JOINT SEALANT (Hot Poured)	Rubberized Asphaltic Type	1005.02(a) Mat. Lab	Prelim. Source Approval	Dist. Lab S 611	1/batch or shipment	One container	CA 7	-----	11 days	(QPL 67)
		1005.02(a) Mat. Lab	Accept.	Proj. Engr. S 611	1/shipment*	------	CD 1 & 7	-----	11 days	(QPL 67) *Sample only if questionable.
		1005.02(a) Mat. Lab	Accept.*	Proj. Engr. S 611	1/batch or shipment	One container	CA 7	2,000 yd^2	11 days	(QPL 67) *When material is not accompanied by a CD.

MATERIAL		REF. / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ.	MIN. QUANT. / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
JOINT SEALANT (Backing Material)	Rods	1005.02 (c),(d) Mat. Lab	Accept.	-----	-----	------	----	-----	-----	For use with polyurethane silicone polymer (QPL 42) joint seals. Visual inspection by Proj. Engr.
	Rods (Heat Resistant)	1005.02(a) Proj. Engr.	Accept.	-----	------	-----	-----	-----	-----	(QPL 67) For use with hot poured joint sealants. Visual inspection by Proj. Engr.
JOINT SEALANTS (Primer)		1005.02(c),(d) Proj. Engr.	Accept.	-----	-----	-----	------	------	-----	For use with polyurethane and silicone polymers (QPL 42) joint sealants. Visual inspection by Proj. Engr.
JOINT SEAL (Preformed)	Elastomeric Compression	1005.03 (a) Mat. Lab	Accept.	Proj. Engr. S 601	1/6000 lin ft/ seal lot/ size/type	8 ft length	CA 7	2,000 yd^2	14 days	(QPL 6) Proj. Engr. forwards CA with sample to Mat. Lab.
LIME	Hydrated	1018.03 Mat. Lab	Accept.	------	1/shipment	------	CD 1 & 7	------	------	(QPL 34)

MATERIAL		REF. / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ.	MIN. QUANT. / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
LUBRICANT-ADHESIVE		1005.03(b) 1005.07 Proj. Engr.	Accept.	------	------	------	------	------	------	(QPL 18) For use with preformed polyurethane foam joint seal. Visual inspection by Proj. Engr.
NON-SHRINK PATCHING SYSTEM	Non-Shrink Grout	601.13(a) 1018.27 Mat. Lab	Accept.	Proj. Engr. S 601	1/source	1 Sack	------	20 sacks	17 days	(QPL 47)
REINFORCEMENT	Adhesive Anchor Systems	601.09 Mat. Lab	Accept.	Proj. Engr. S 501	1/type*	------	------	2,000 yd^2	12 days	(QPL 52)
	Dowel Bars	1009.04 Mat. Lab	Accept.	Proj. Engr. S 501	1/shipment/ pavement depth	4 ft assembly with dowel bars*	------	2,000 yd^2	9 days	*For mechanical placement, only one dowel bar required.
	Mechanical Butt Splicing Devices	806.07 Mat. Lab	Accept.	Proj. Engr. S 501	1/size/ shipment	------	-----	2,000 yd^2	9 days	(QPL 44)
	Tie Bars	1009.03 Mat. Lab*	Accept.	Proj. Engr. S 501	1/size/ grade/ 150,000 lb/ source**	2 bars	------	2,000 yd^2	9 days	*Dist. Lab in Dist. 02. **If listed on QPL 71, material with a CA (Distr. 1) need not be sampled. Sample for verification if questionable.
TAR PAPER		601.09 (b), (h) Mat. Lab	Accept.	Proj. Engr. S 601	1/source*	2 ft x 2 ft	-----	-----	9 days	For Bolster Blocks. *Visual inspection by Proj. Engr. Sample only if questionable.