TABLE II

REPLIES OF STATES TO SAMPLING & TESTING QUESTIONNAIRE

State	Frequency of Sampling (Lane Miles Per Sample)	Is Progress or Final Sampling Done by Other Than Contract or District Lab. Personnel?	Record Sample Thickness Tolerances: Aggregate Subbase	Bond Mix CTB (Lim. Treated Base Or Subbase)	Aggregate Base	Plant Mixed CTB	Road Mixed Sta. Soil.	A.C. Pavement	P.C.C. Pavement (Slip Form)	P.C.C. Pavement (Fixed Form)	Remarks
Arizona	2 (A.C.) 1/2 (P.C.C.)	No	Not Specified						±1/8"	±1/8"	
California	1	No	-0.10' -0.20'	-0.08' +0.12' -0.15'	-0.05' +0.05' -0.05'	-0.06' +0.08' -0.08'	-0.03' +0.03' -0.06'	-0.02' +0.03' -0.04'	+0.01' -0.02'	+0.01' -0.02' -0.03'	80% of all test holes to be within those tolerances None to exceed.
Colorado	No regular pattern	No	None Tonnage Basis						None Volume Basis		
Hawaii	1	No	±1/2"	±1/4"	±1/4"	±1/4"	±1/4"	±1/4"	None Established		Tentative, Subject to Change
Idaho	4 (Base) 1 (A.C.)	No	-0.04' +0.04'	-0.08' -0.17'	-0.04' -0.08'	-0.03' -0.06'	-0.02' -0.04'	+0.02' -0.04'	-0.02' -0.04'		Average Mat. Individual
Nevada	1/2 (Ave.)	No	Over thickness tolerable if plan quantities are used								
New Mexico	1/3	No	Agreement not yet reached on tolerances								
Oregon	1/2	Yes BPR Engineers	-1/2"	-1/2"	-1/2"	-1/2"	-1/2"	-1/2"	-1/2"	-1/2"	
Texas	1	No	*	*	*	*	*	*	*	*	* Specification tolerances only
Utah	1 (Ave.)	Yes B.P.R. Engineers	±3/4"	±1/2"	±1/2"	±1/2"	±3/8"	±5/16"	±5/16"	N.A.	
Washington	2 (Base & Subbase) 1/2 (A.C.) P.C.C.)	No (applies only to acceptance sampling)	- ∞ -10%-20% - 25-10% - 4%- 8%	-	∞ -10%-20% - 25-10% - 4%- 8%	* ∞ -25-10% -4%- 8%	-	* ∞ -1/8-3/8' -1/8-1/2"	* ∞ -1/8-1/2"	N.A.	Base & Subbase A.C. Surf. Up to 8" thick 1" thick 8"-12" thick >3" thick Over 12" thick
Georgia	1/2	No	-1/2"	±1/2"	±1/2"	±1/2"	N.A.	-1/4"	±1/2"	N.A.	
Illinois	1/2000'/lane	No	-10%	-0.2"	-10%	-	-10%	Weight Basis	-1-1/4"	N.A.	
Iowa	2 (1 P.C.C. cons/ 2500 s.y.)	No	*	*	*	*	*	*	*	*	* Specification tolerances only
Kansas	1/3 (P.C.C.) 1 (A.C.) 1 (Base)	No	None	±1/8"	±1/8"	±1/8"	±1/8"	±1/8"	Not Spec.	±1/8"	To 1/8" w/o Penalty 1/8"-1/2" with Penalty >1/2" Remove
Louisiana	1	No	-1/2" -3/4" -1"	+1"-1/2" +1-1/4-3/4 +1-1/2"-1"	-1/2" -3/4" -1"	-1/2" -3/4" -1"	N.A.	Not Spec.	<6" Thickness -1/8" 6-8" Thickness -1/8" >8" Thickness -1/8"	-1/8"	
New Hampshire	1	No*	Reasonable								
New Jersey	1/3000 s.y. (A.C.) 1/1000 s.y. (P.C.C.)	No	*	*	*	*	*	±6%	∞ -0.25	N.A.	*Expect Min. Specified **Informal
New York	1/5 (P.C.C.) 1 (A.C.)	No	-	-	-	-	-	±1/4"* ±3/8"**	-1/2"	N.A.	*<3" Thick **>4" Thick

State	Quality Tests on Final Samples: Aggregate Base & Subbase: Compaction	Grading	CBR	Plasticity	P.I.	Other	A.C. Surf.: Compaction	Grading	Bituminous	Soil Cement or Cement Tr. Base: Strength	Cem. Cont.	Other	P.C.C. Pavement: Comp. Str.	Cem. Cont.	Other	Is Job Sampling and Testing Checked by Central Lab. Personnel? Present	Frequency	Approximate Increase in Cost Due to SPR Audit Program: Total/Yr.	Lane Mile (A.C.)	Lane Mile (P.C.C.)	Number of Audit Sampling Equipment: Density	Gradation	Bituminous	Compaction	Other	Average Life of Diamond Core Bits (In.): P.C.C.	A.C.	Improvement in Spec. Conformance Attributable to SPR Audit Program	Remarks
Arizona	X		X				X	X	X							Yes	-	-	Not Determined			1		X		-	-	Yes	
California	X	X	X	X	X	X	X	X	X				X		Density	No	Yes	-	$350 M	$150	$275	3	X	X		*220 (12" dia.) 665 (3" dia.)		Yes	*Use Diamond Core Bits on both concrete and A.C. Surface.
Colorado	X	X	X	X	X	X	X	X	X	X	X		X	X		Yes	-	-	Minor			1				100	-	No change	
Hawaii	X	X		X	X*		X	X	X	N.A.			None			Yes	-	-	$24 M	$1200	-			X	Concrete Saw	N.A.	N.A.	No	*Tests to determine flats, elongation % crushed
Idaho	X	X		X		X	X	X	X		X	Density	None			Yes	-	-	$25 M	$100	-	1		X		-	600	No	
Nevada	X		X	X	X	X	X	X	X	X	X		None			Yes	-	8 (Ave.)	Unknown	$41	-	1		X	Concrete Saw	-	-	Yes	
New Mexico	X	X	X	X		X	X	X	X	X		X				Yes	-	2/No.	-	$80	$128	1		X	Concrete Saw	400	-	Yes	
Oregon	X	X	X	X		X	X	X				X	Weight Basis			Yes	-	Variable	$23 M	-	-	10	X	X		360	-	Yes	Progress sampling conf. by job personnel
Texas	X	X		X	X	X	X	X								Yes	-	As Required	-	-	-	3		X		250	-	Yes	
Utah	X	X	X	X		X	X	X	X	X		Density	X		Density	Yes	-	2 Min. per contract	-	-	-	7	X	X		669	1226	Yes	
Washington				X	X	X	X	X	X		X		X			No	-	-	$50 M	-	-	1				500 (same bits for both)	500	Some	*Ave. of all samplings **Individual samplings
Georgia	X	X		X			X	X	X	X	X*		X			No	Yes	1/2 Day 2 weeks	$160 M	$180	$195	6				360	-	Yes	*When indicated by results of strength test
Illinois	X		X		X	X	X	X			X*		X		Air Cont.	Yes	-	Weekly	$350 M	-	-	3				900	-	Yes	*Tonnage basis
Iowa									X				X			Yes	-	As Required	-	-	-	2				500	-	Yes	
Kansas													X			Yes	-	5-15 per contract	$250 M	-	-	1				N.A.	N.A.	Unknown	
Louisiana	X	X		X			X	X	X			Density	X			Yes	-	Variable	$180 M	$10	$100	10				-	300	Yes	
New Hampshire	X	X			X	X	X			None			None			Yes	-	As Required	-	-	-	1				-	1200	Yes	*No progress sampling
New Jersey	X	X			X	X	X	X	X			X		Yes & Lab. Test		Yes	-	Variable	-	-	-	2				N.A.	-	No	
New York					X	X	X					X		Rate Density		No	No	-	-	-	-	10				Steel Shot		No	

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