LTPP Specific Pavement Studies (SPS) Materials Action Plan Final Report

PUBLICATION NO. FHWA-HRT-10-049

AUGUST 2010

U.S. Department of Transportation
Federal Highway Administration

Research, Development, and Technology
Turner-Fairbank Highway Research Center
6300 Georgetown Pike
McLean, VA 22101-2296

FOREWORD

This report summarizes the activities and accomplishments of the Long-Term Pavement Performance (LTPP) program Materials Action Plan (MAP). The MAP was initiated in August 2004 to improve the extent and amount of materials data to characterize the pavement structure of test sections at LTPP Specific Pavement Study (SPS) -1, -2, -5, -6, and -8 experimental sites. The success of the MAP can be attributed to the cooperation and efforts of participating highway agencies, leadership of the Federal Highway Administration (FHWA) LTPP team, and technical input from LTPP's Transportation Research Board Committee and Expert Task Groups. The MAP was also supported by the efforts of the FHWA LTPP team of technical services, regional support, and laboratory contractors. Through this effort, the amount and quality of available materials data greatly increased. Data from tests not previously performed were added, results from aging materials tests were obtained, corrections were made to some pavement structure information from new field investigations, and to the extent possible, previous data deficiencies were corrected. This report documents the planning, execution, and outcomes of this highly successful activity.

The LTPP program is an ongoing and active program. To obtain current information and access to other technical references, LTPP data users should visit the LTPP Web site at http://www.fhwa.dot.gov/pavement/ltpp/index.cfm. LTPP data requests, technical questions, and data user feedback can be submitted to LTPP customer service via email at ltppinfo@fhwa.dot.gov.

Jorge Pagán-Ortiz
Director, Office of Infrastructure
Research and Development

TECHNICAL DOCUMENTATION PAGE

1. Report No. FHWA-HRT-10-049	2. Government Accession No.	3. Recipient's Catalog No.
4. Title and Subtitle LTPP Specific Pavement Studies (SPS) Materials Action Plan Final Report		5. Report Date August 2010
		6. Performing Organization Code
7. Author(s) Peter N. Schmalzer, Randy W. Plett, and Gary E. Elkins		8. Performing Organization Report No.
9. Performing Organization Name and Address MACTEC Engineering and Consulting, Inc. 12104 Indian Creek Court, Suite A Beltsville, MD 20705-1242		10. Work Unit No. (TRAIS)
		11. Contract or Grant No. DTFH61-02-C-00007
12. Sponsoring Agency Name and Address Office of Infrastructure Research and Development Federal Highway Administration 6300 Georgetown Pike McLean, VA 22101-2296		13. Type of Report and Period Covered Final Report: August 2004–November 2009
		14. Sponsoring Agency Code

15. Supplementary Notes
The Contracting Officer's Technical Representative (COTR) was Aramis López, HRDI-13.

16. Abstract
This report summarizes the activities and accomplishments of the Long-Term Pavement Performance (LTPP) program Materials Action Plan (MAP). The MAP was initiated in August 2004 to improve the extent and amount of materials data to characterize the pavement structure of test sections at LTPP Specific Pavement Study (SPS) -1, -2, -5, -6, and -8 experimental sites. The success of the MAP can be attributed to the cooperation and efforts of participating highway agencies, leadership of the Federal Highway Administration (FHWA) LTPP team, and technical input from LTPP's Transportation Research Board Committee and Expert Task Groups. The MAP was also supported by the efforts of the FHWA LTPP team of technical services, regional support, and laboratory contractors. Through this effort, the amount and quality of available materials data greatly increased. Data from tests not previously performed were added, results from aging materials tests were obtained, corrections were made to some pavement structure information from new field investigations, and to the extent possible, previous data deficiencies were corrected. This report documents the planning, execution, and outcomes of this highly successful activity.

17. Key Words	18. Distribution Statement
Asphalt concrete, Continuously reinforced concrete pavement, Database, Specific pavement studies, Jointed plain concrete pavement, Jointed reinforced concrete pavement, Laboratory testing, LTPP, Pavement material properties, Pavement performance, Portland cement concrete, Resilient modulus, Dynamic cone penetrometer, Concrete strength	No restrictions. This document is available to the public through NTIS: National Technical Information Service 5301 Shawnee Road Alexandria, VA 22312

19. Security Classif. (of this report)	20. Security Classif. (of this page)	21. No. of Pages	22. Price
Unclassified	Unclassified	234	

Form DOT F 1700.7 (8-72) Reproduction of completed page authorized

SI* (MODERN METRIC) CONVERSION FACTORS

APPROXIMATE CONVERSIONS TO SI UNITS

Symbol	When You Know	Multiply By	To Find	Symbol
		LENGTH		
in	inches	25.4	millimeters	mm
ft	feet	0.305	meters	m
yd	yards	0.914	meters	m
mi	miles	1.61	kilometers	km
		AREA		
in^2	square inches	645.2	square millimeters	mm^2
ft^2	square feet	0.093	square meters	m^2
yd^2	square yard	0.836	square meters	m^2
ac	acres	0.405	hectares	ha
mi^2	square miles	2.59	square kilometers	km^2
		VOLUME		
fl oz	fluid ounces	29.57	milliliters	mL
gal	gallons	3.785	liters	L
ft^3	cubic feet	0.028	cubic meters	m^3
yd^3	cubic yards	0.765	cubic meters	m^3
		NOTE: volumes greater than 1000 L shall be shown in m^3		
		MASS		
oz	ounces	28.35	grams	g
lb	pounds	0.454	kilograms	kg
T	short tons (2000 lb)	0.907	megagrams (or "metric ton")	Mg (or "t")
		TEMPERATURE (exact degrees)		
^oF	Fahrenheit	5 (F-32)/9 or (F-32)/1.8	Celsius	^oC
		ILLUMINATION		
fc	foot-candles	10.76	lux	lx
fl	foot-Lamberts	3.426	$candela/m^2$	cd/m^2
		FORCE and PRESSURE or STRESS		
lbf	poundforce	4.45	newtons	N
lbf/in^2	poundforce per square inch	6.89	kilopascals	kPa

APPROXIMATE CONVERSIONS FROM SI UNITS

Symbol	When You Know	Multiply By	To Find	Symbol
		LENGTH		
mm	millimeters	0.039	inches	in
m	meters	3.28	feet	ft
m	meters	1.09	yards	yd
km	kilometers	0.621	miles	mi
		AREA		
mm^2	square millimeters	0.0016	square inches	in^2
m^2	square meters	10.764	square feet	ft^2
m^2	square meters	1.195	square yards	yd^2
ha	hectares	2.47	acres	ac
km^2	square kilometers	0.386	square miles	mi^2
		VOLUME		
mL	milliliters	0.034	fluid ounces	fl oz
L	liters	0.264	gallons	gal
m^3	cubic meters	35.314	cubic feet	ft^3
m^3	cubic meters	1.307	cubic yards	yd^3
		MASS		
g	grams	0.035	ounces	oz
kg	kilograms	2.202	pounds	lb
Mg (or "t")	megagrams (or "metric ton")	1.103	short tons (2000 lb)	T
		TEMPERATURE (exact degrees)		
^oC	Celsius	1.8C+32	Fahrenheit	^oF
		ILLUMINATION		
lx	lux	0.0929	foot-candles	fc
cd/m^2	$candela/m^2$	0.2919	foot-Lamberts	fl
		FORCE and PRESSURE or STRESS		
N	newtons	0.225	poundforce	lbf
kPa	kilopascals	0.145	poundforce per square inch	lbf/in^2

*SI is the symbol for the International System of Units. Appropriate rounding should be made to comply with Section 4 of ASTM E380.
(Revised March 2003)

TABLE OF CONTENTS

LIST OF TABLES

LIST OF ACRONYMS AND ABBREVIATIONS

AASHTO	American Association of State Highway and Transportation Officials
AC	Asphalt concrete
AE	Extracted asphalt cement
ATB	Asphalt treated base
BBR	Bending Beam Rheometer
CTB	Cement treated base
DCP	Dynamic Cone Penetrometer
DSR	Dynamic Shear Rheometer
EB	Embankment
ETG	Expert Task Group
FHWA	Federal Highway Administration
GB	Granular base
GS	Granular subbase
HMA	Hot-mix asphalt
LCB	Lean concrete base
LTPP	Long-Term Pavement Performance
MAP	Materials Action Plan
MRL	Materials Reference Library
MS&T	Materials sampling and testing
NA	North Atlantic region
NC	North Central region
PATB	Permeable asphalt treated base
PCC	Portland cement concrete
PFC	Porous friction course
QC	Quality control
SHRP	Strategic Highway Research Program
SPS	Specific Pavement Studies
SR	Southern region
SS	Subgrade soil
TB	Treated base
TS	Treated subbase
TRB	Transportation Research Board
UG	Unbound granular base
WR	Western region

CHAPTER 1. INTRODUCTION

1.1 GENESIS OF THE SPS MATERIALS ACTION PLAN

The Long-Term Pavement Performance (LTPP) program was begun in the late 1980s to study pavement performance and the factors that affect it over a period of 20 years or more. One of the program's goals is to provide research-quality data to explain how pavements perform and why they perform as they do. More than 2,500 pavement test sections have been established on in-service public highways and roadways throughout North America. These test sections are subjected to the same traffic loads and environmental conditions as other pavements in the public transportation system. A broad range of data are collected from LTPP test sections based on past and current engineering principles of pavement performance, distress development, load factors, and construction/maintenance effects.

The availability of accurate and reliable data to properly characterize an as-constructed pavement structure and the engineering properties of its materials is crucial to understanding why pavements perform as they do. Field material sampling, field material tests, and laboratory test plan guidelines were developed by the LTPP program for each of the Specific Pavement Studies (SPS) included in the LTPP program. Individual field and laboratory test plans were also developed by the program for each SPS experimental project site. Due to budget limitations, highway agencies that voluntarily agreed to participate in the LTPP SPS experimental program by constructing LTPP test sections on public roads in their jurisdictions were assigned responsibility for the majority of these materials-related tests.

In 1996, LTPP conducted a mid-course program assessment to determine corrective actions needed to enhance the ability of the program to meet its goals. The focus of this assessment was the inventory of LTPP test sections and the data that had been collected. A major finding from that assessment was that there were gaps in the LTPP database, including significant gaps in the available SPS materials information.

Consequently, in 1997, LTPP undertook a program-improvement campaign that sought to determine the status of the database shortages and whether they could be filled. Although progress was made, significant materials data gaps still remained at the conclusion of the effort.

The magnitude of the SPS materials data problem was summarized in a handout provided by the Federal Highway Administration (FHWA) to the Transportation Research Board (TRB) LTPP Materials and Falling Weight Deflectometer Data Collection and Analysis Expert Task Group (referred to as the Materials ETG) at its April 29–30, 2002, meeting in Woods Hole, MA. Overall, 48 percent of the requested SPS materials test data were missing, clearly limiting the use of data from the SPS experiments in some important research investigations.

In 2002, the LTPP program renewed its effort to address the SPS materials data gaps. This effort included further pursuit of missing materials data from the responsible highway agencies, reconciliation of all materials data submitted to the LTPP program, and acceleration of hot-mix asphalt (HMA) and unbound granular (UG) resilient modulus testing performed by the LTPP laboratory test contractor using program funds.

While the 2002 effort provided positive results and more available materials data, significant data needs still existed. This need led the LTPP program to develop the Materials Action Plan (MAP) to address priority materials data needs on SPS project sites. The details of the final MAP were contained in the internal LTPP document *LTPP SPS Materials Data Resolution: Update and Final Action Plan, August 2004*.

The MAP addressed three major areas of need with the following priorities:

- Resolution of materials data gaps: urgently required.
- Testing of aging and new material: highly desirable.
- Collection of Materials Reference Library (MRL) material samples: desirable.

To optimize the use of LTPP program funds in 2004, the MAP was focused on the following SPS project sites, which were designed to extend the findings from LTPP General Pavement Study sites with the addition of controlled pavement design factors and/or environmental load factors:

- SPS-1: Strategic Study of Structural Factors for Flexible Pavements.
- SPS-2: Strategic Study of Structural Factors for Rigid Pavements.
- SPS-5: Rehabilitation of Asphalt Concrete Pavements.
- SPS-6: Rehabilitation of Jointed Portland Cement Concrete Pavements.
- SPS-8: Study of Environmental Effects in the Absence of Heavy Loads.

The other test sections classified in the LTPP SPS experimental program were excluded from the MAP for the following reasons:

- Most of the test sections in the SPS-3 and -4 maintenance experiments were out of study by 2004. Lack of test-section-specific pavement structure materials data was based on funding limitations in the Strategic Highway Research Program (SHRP) Pavement Operations program, which was responsible for planning what became the LTPP SPS-3 and -4 experiments. The bulk of the pavement structural materials data for these sites is based on the associated LTPP pavement test section colocated near these study sites.
- Only four bonded concrete overlay SPS-7 experiment sites were constructed, so this experiment was considered four separate case studies.
- The SPS-9 projects were an early implementation study of the initial SHRP Superpave® HMA design method. Many SPS-9 test sections were constructed prior to maturation of the Superpave® specifications.

1.2 MAP TASK STRUCTURE

The MAP consisted of the following nine defined tasks:

1. Award of new central LTPP laboratory test contract.
2. Preparation of project data needs reports and other required documentation.
3. Preparation of detailed materials sampling and testing (MS&T) plans.
4. Creation of tables in LTPP database for new tests.
5. Implementation of field portion of MS&T plans.
6. Implementation of laboratory portion of MS&T plans.
7. Entry of materials data into LTPP database.
8. Collection of samples for LTPP MRL.
9. Preparation of final LTPP materials availability report.

The formal implementation of the MAP began in 2004 and was completed in 2009 with delivery of the final material test data sets from the LTPP laboratory test contractor.

The original intent of task 9 was to document the results of the MAP and perform a detailed assessment of the availability of materials data for all LTPP test sections. Due to LTPP program funding constraints, this report presents summary statistics and other metrics to document the results of the MAP.

CHAPTER 2. MAP DEVELOPMENT

2.1 MATERIALS TESTING NEEDS ANALYSIS

The numbers of required, available, and missing tests presented in this report are based on database queries. It is not always possible to accurately determine from the database if a test is required or possible to run on a layer. For example, the open graded drainage layers on SPS-1 and -2 projects are represented as treated base layers in the database because construction specifications required that they be treated with 2 percent asphalt to add stability during construction. Although they are a treated base layer, it is not possible to extract an intact core of this material because of lack of cohesion.

Thus, the amount of missing tests is a planning number that was expected to be overstated so that resources estimates would be conservative. Because the LTPP database changes as new information is acquired, the basis for the number of required tests can change due to the identification of new material layers in the pavement structure each time a needs assessment is performed.

2.2 STATUS OF SPS MATERIALS DATA (2004)

The status of the missing SPS materials data in April 2002 and in April 2004, after 2 years of effort, is summarized in table 1.

Table 1. Status of SPS materials test data, 2002–2004.

	April 2002	April 2004	Change
Required Tests	35,467	34,529	-938
Available Tests	18,299	22,359	+4,060
Missing Tests	17,168	12,170	-4,998
Percent Missing Tests	49%	35%	14%

Detailed information on these counts is contained in the appendices, including the following:

- Tabular summaries of percent missing material test data by layer type and by specific test for each SPS experiment.

- Tabular summaries of percent missing material test data by SPS experiment, by layer type, by agency, by specific SPS project, and by specific test.

As table 1 and the appendices indicate, the efforts undertaken by the LTPP program between 2002 and 2004 resulted in a significant reduction in missing SPS materials test data. The number of missing tests was reduced by 4,998 as a result of the addition of 4,060 new data sets and adjustments to the number of required tests. About one third of the materials tests were still missing in 2004—an improvement but still a significant problem.

2.3 MODIFICATIONS TO MS&T PLAN REQUIREMENTS

The FHWA took into consideration recommendations from the Materials ETG and LTPP contractors to establish the following priority material test requirements for the MAP:

- A minimum of three HMA or portland cement concrete (PCC) core examination and thickness (AC01 or PC06) tests per test section.
- A minimum of three HMA bulk specific gravity (AC02) tests per test section.
- A minimum of two PCC thermal coefficient of expansion (PC03) tests per PCC mixture.
- A minimum of three tests per material layer type for other tests.

The following tests were not included as part of the action plan:[1]

- AC05: Moisture Susceptibility—removed because little interest was expressed for test results and to minimize costs.
- AC06: Creep Compliance—removed because test is part of the AC07 test protocol.
- AC08: Field Moisture Damage—removed per Materials ETG recommendation.
- AE01: Abson Recovery—removed to minimize cost and because of limited amount of information provided.
- AE02: Penetration—removed per Materials ETG recommendation.
- AE04: Viscosity at 25 °C (77 °F)—removed per Materials ETG recommendation.
- PC05: PCC Unit Weight—only performed where PCC sampling was required or where agency agreed to proposed new and aging tests.
- PC09: Flexural Strength—removed per Materials ETG recommendation.
- SS04: Classification—removed because test is a computation based on other test results.
- SS05: Moisture-Density Relations—only performed where subgrade sampling was required or where agency agreed to proposed new tests.
- SS06: Plate Bearing Test—removed because test is impractical to perform on existing pavement structure.
- SS08: Unit Weight—only performed where subgrade sampling was required or where agency agreed to proposed new tests.

[1] The first two letters of the test designation indicate the material type. AC: asphalt concrete, AE: extracted asphalt cement, PC: portland cement concrete, SS: subgrade soil, TB: treated base, UG: unbound granular base.

- SS09: Natural Moisture Content—only performed where subgrade sampling was required or where agency agreed to proposed new tests.

- SS10: Unconfined Compressive Strength—only performed where subgrade sampling was required or where agency agreed to proposed new tests.

- SS11: Permeability—removed to minimize costs.

- SS12: Expansion Index—removed to minimize costs.

- TB03: Resilient Modulus at 77 °F—removed per Materials ETG recommendation.

- UG05: Moisture-Density Relations—only performed where base/subbase sampling was required or where agency agreed to proposed new tests.

- UG08: Classification—removed because test is a computation based on other test results (UG01, UG02, and UG04).

- UG09: Permeability—removed to minimize costs.

- UG10: Natural Moisture Content—only performed where base/subbase sampling is required or where agency agreed to proposed new tests.

Some of these tests were still performed as part of other test protocols, ancillary to other tests, or based on agency participation. For example, classification of unbound soils and base materials (tests SS04 and UG08) are included in this list because they are not tests per se but computations based on other test results.

In general, the Materials ETG's rationale for recommending tests not be included in the plan was usually that the tests were somewhat outmoded and were not likely to provide valuable information in the future.

One or more layers/materials on the following SPS projects were not included as part of the 2004 MAP because they had already been removed or because the project site was out of study and not considered for further testing:

- Arizona SPS-6 project.

- Colorado SPS-5 project.

- Kansas SPS-1 project.

- Michigan SPS-6 project.

- Mississippi SPS-5 project.

- Montana SPS-5 project.

- Nebraska SPS-1 project.
- Nevada SPS-2 project.
- New Jersey SPS-8 project.
- Tennessee SPS-6 project.

Material layers from these sites were not included in the assessment of data needs.

Another assessment of data gaps and needs was performed in 2004 using the new MAP priority test guidelines and the contents of the May 2004 national upload of the LTPP database. Table 2 contains counts by test type and type of material to satisfy the priority test requirements developed for the MAP. Based on the layer structure contained in the database at this time, approximately 12,650 tests were identified as necessary to fill material data gaps. Differences between data needs in table 2 and those reported in table 1 are due to changes in pavement structure data in the database and the more explicit test section-based requirements for the MAP.

Table 2. Required tests by test type to fill data gaps.

Test	Description	Material Layer						
		AC	PCC	Unbound	TB-AC	TB-PCC	TB	Totals
AC01	Core Examination and Thickness	1,167			590			1,757
AC02	Bulk Specific Gravity	1,744			652			2,396
AC03	Maximum Specific Gravity	292			110			402
AC04	Asphalt Content (Extraction)	284			47			331
AC07	Tensile Strength/Res. Modulus/Creep	357			118			475
AE03	Specific Gravity 16 °C (60.8 °F)	319			109			428
AE05	Viscosity 60 °C (140 °F), 135 °C (275 °F)	321			109			430
AG01	Coarse Aggregate Specific Gravity	346			110			456
AG02	Fine Aggregate Specific Gravity	348			116			464
AG04	Extracted Aggregate Gradation	289			50			339
AG05	NAA Test—Fine Aggregate Particle Shape	488			137			625
							Subtotal:	8,103
PC01	Compressive Strength		31			48		79
PC02	Split Tensile Strength		29			90		119
PC03	Coefficient of Thermal Expansion		88			93		181
PC04	Static Modulus of Elasticity		50			92		142
PC06	Core Examination and Thickness		334			511		845
PC08	28 Day Air Content		121			93		214
							Subtotal:	1,580
SS01/UG02	Sieve Analysis			316			12	328
SS02/UG03	Hydrometer			244			0	244
SS03/UG04	Atterberg Limits			300			12	312
SS07/UG07	Resilient Modulus			523			12	535
							Subtotal:	1,419
TB01	Type and Class. of Materials and Treatment				911	612	28	1,551
							Subtotal:	1,551
	Totals	5,955	653	1,383	3,059	1,539	64	12,653

AC = Asphalt concrete
PCC = Portland cement concrete
TB-AC = Asphalt concrete treated base
TB-PCC = Portland cement concrete treated base
TB = Treated base

2.4 NEW AND AGING TESTS

While addressing the need to resolve material data gaps based on previous criteria, new and aging tests were added to improve materials structure information with little added cost. Aging tests are repeats of previous tests to capture material property aging effects.

New tests included the following:

- Dynamic Cone Penetrometer (DCP)—for unbound layers (also replaced SS06: Plate Bearing Test); three tests per project.

- Specific Gravity of Unbound Materials—for unbound layers; three tests per unique unbound layer.

- Dynamic Shear Rheometer (DSR) and Bending Beam Rheometer (BBR) (including Direct Tension Test on Binder)—for HMA layers; three tests per HMA layer and mix.

- Petrography—for PCC layers; although originally approved, this test was later cancelled to reduce cost.

Aging tests were only to be performed on HMA or PCC layers, not on material from unbound base, subbase, or subgrade layers nor on treated bases or subbases. They included the following:

- Bulk and Maximum Specific Gravity (AC02 and AC03)—for HMA layers; three tests per HMA layer and mix.

- DSR and BBR (including Direct Tension Test on Binder)—for HMA layers; three tests per HMA layer and mix.

- Resilient Modulus (AC07)—for HMA layers; three tests per HMA layer and mix.

- Compressive, Split Tensile, and Static Modulus of Elasticity (PC01, PC02, and PC04)—for PCC layers; three tests per PCC layer mix type.

Table 3 outlines the 2004 sampling requirements for the new and aging tests by type of SPS experiment.

Table 3. Sampling requirements for new and aging tests.

Experiment/ Project	Cores Per Project		Number of Projects[a]	Total Cores	
	12-inch Cores	4-inch Cores		12-inch Cores	4-inch Cores
SPS-1	3	12	16	48	192
SPS-2	6	18	13	78	234
SPS-5	6	24	17	102	408
SPS-6	3	12	13	39	156
SPS-8 Flex	3	12	15[b]	45	180
SPS-8 Rigid	3	9	8[b]	24	72
		Totals	**82**	**336**	**1,242**

[a] Does not include projects eliminated from the action plan.
[b] There are 19 SPS-8 projects; 4 of them have both AC and PCC test sections.

Bulk samples of the unbound base, subbase, and subgrade materials to run the specific gravity test were designated to be obtained from the 12-inch core locations identified in table 3. Where the proper drill rig to cut 12-inch holes was not available, a saw-cut opening was requested to access the underlying unbound materials.

CHAPTER 3. EXECUTION OF THE MAP

3.1 TASK 1: AWARD OF A CENTRAL LTPP LABORATORY CONTRACT

One of the first steps in the MAP was to award a laboratory contract to perform the majority of the MAP tests. This contract was awarded in September 2005.

Prior to the start of testing, the lab contractor was required to establish a quality control (QC) program. The QC program was to provide for the review, assessment, and necessary corrective actions of the following:

- Qualified personnel, proper equipment, and adequate facilities.
- Project supervision.
- Sample identification and receipt.
- Laboratory handling of samples.
- Sample storage and disposal.
- Pavement layering and laboratory test assignment.
- Adherence to the specified laboratory testing protocols.
- Accuracy in measurements.
- Equipment maintenance and calibration.
- Data review and checking.

The startup visit to audit the laboratory contractor's QC program was conducted in October 2005. Subsequent quality assurance visits to inspect resilient modulus testing procedures and quality management compliance were conducted in 2005, 2006, and 2007. The lab was confirmed to have American Association of State Highway and Transportation Officials (AASHTO) certification for performing standard AASHTO and/or American Society for Testing and Materials procedures on soils, aggregates, asphalt binder, asphalt emulsion, or HMA. The laboratory quality management system was also certified for compliance with AASHTO Standard Practice R18, and the laboratory had a current laboratory assessment from the Cement and Concrete Reference Laboratory.

The use of an independent laboratory to perform round-robin comparison testing on select prepared samples for select test methods was not performed due to cost considerations. Thus, no comparisons of replicated data tests were performed.

3.2 TASKS 2 AND 3: PROJECT-SPECIFIC DOCUMENTATION

Under the leadership of the FHWA LTPP team, the following tasks were performed by various members of the LTPP program contractor team:

- Guidelines were established for preparation of project-specific MS&T plans, including details for sampling, labeling, shipping, and tracking of material samples.
- MAP materials data needs reports were generated from the central LTPP database for each project site.
- Detailed MS&T plans were developed for each project site based on input from participating highway agencies regarding support for materials sampling to address new and aging tests and MRL sample storage.
- A process of central review, modification, and approval was performed for each project site MS&T MAP document.
- Documentation was prepared on use of the Internet-based MAP data tracking system developed specifically for this effort.

3.3 TASK 4: DATABASE DEVELOPMENT FOR NEW TESTS

Four new tables were added to the LTPP database to store results of new tests added as a result of the MAP. The TST_UNBOUND_SPEC_GRAV table was added in 2004 for the specific gravity of unbound base and subgrade materials. Three tables were added in 2007 to store the results of the DCP test. Adding new tables to the LTPP database required development of technical specifications, database programming to create table storage space and data entry methods, programming of automated QC checks of entered data, checks on proper functioning of computer programs, and development of required implementation documentation.

3.4 TASKS 5–7: IMPLEMENTATION OF FIELD AND LAB PORTIONS OF MS&T PLANS

FHWA LTPP contractors coordinated field activities with participating highway agencies to acquire needed material samples, document sampling events, label and ship material samples, perform field tests, and repair the pavement structure from destructive sampling. At most sites, participating highway agencies provided traffic control, material sampling equipment, core rigs, and pavement saws. At some sites, LTPP contractor equipment was used to supplement highway agency resources to improve productivity and reduce lane-closure times.

LTPP contractors began the laboratory testing quality management process by entering sampling information and assigning laboratory tests into the Internet-based MS&T tracking system. This system was used to register essential inventory information on material data samples and to track their progress through the laboratory test process. The LTPP laboratory test contractor also used the tracking system to document receipt of samples, performance of tests, and reporting of test results. While the laboratory test contractor performed primary QC checks on laboratory test results following LTPP guidelines, another central LTPP contractor was responsible for performing

secondary QC checks on the data prior to entry into the LTPP database. A third level of QC checks was performed by other LTPP contractors after the data had been entered into the database.

3.5 TASK 8: MRL SAMPLE COLLECTION

While the MAP included material sample collection for storage in the MRL for future tests, collecting MRL samples was assigned a lower priority than addressing data gaps and carrying out new and aging tests. In reality, more samples were shipped to the MRL than originally planned. In some cases, the extra cores that were cut through the bound pavement layers in order to sample underlying unbound materials did not have assigned lab tests. Many of the new "advanced" tests designated HMA materials whose tests were originally designated to be performed using complementary research resources and laboratories, and these were also shipped to the MRL for future testing considerations.

In some cases, it was possible to collect material samples inside the monitoring portion of test sections as part of a forensic investigation prior to a planned rehabilitation activity. Projects where core samples from within test-section limits were obtained for forensic evaluations are listed in table 4. Some material samples from this activity were shipped to the MRL.

Table 4. SPS projects forensic evaluation sites.

State/Province	Project ID	Experiment Type
California	060600	SPS-6
Maine	230500	SPS-5
Minnesota	270500	SPS-5
Nevada	320100	SPS-1
Pennsylvania	420600	SPS-6
Alberta	810500	SPS-5

CHAPTER 4. MAP ACCOMPLISHMENTS

4.1 TEST RESULTS

The number of tests ordered from the laboratory contractor and the number of test results obtained are shown in table 5. The difference between tests ordered and results obtained is due to inadequacy of specimens for the requested tests. Approximately 95 percent of the MAP material tests ordered from the LTPP contract material test laboratory were able to be tested following the rigorous LTPP test protocols. It is common in pavement field and laboratory testing to obtain samples that cannot be tested in the laboratory due to a number of practical constraints, such as inadequate material, damaged cores, or too-thin layers.

Table 5. Comparison of MAP tests ordered versus delivered data results.

Test Designation	Tests Ordered	Results Obtained
AC01	2,169	2,076
AC02	1,462	1,359
AC03	401	397
AC04	434	431
AC07	426	361
AE01	45	45
AE03	387	386
AE05	390	389
AG01	414	412
AG02	410	353
AG04	389	386
AG05	548	463
PC01	51	43
PC02	79	71
PC04	98	92
PC05	95	93
PC06	424	384
PC08	167	163
SS01	57	57
SS02	146	146
SS03	147	147
SS04	9	9
SS05	1	1
SS07	260	236
SS13	431	431
TB01	780	725
UG01	66	66
UG02	66	63
UG04	64	64
UG07	189	175
UG13	258	256
Totals	**10,863**	**10,280**

Specimens for the Superpave®-related binder tests (AE07, AE08, and AE09) were planned for testing by a related national HMA pavement research program but were not tested by 2009. Test specimens for PCC thermal coefficient of expansion (PC03) were sent to FHWA's Turner-Fairbank Highway Research Center for testing consideration. While some of these specimens may have been tested, they were not included in the official MAP tracking system since these tests were performed under voluntary participation by the test laboratories.

A comparison of the number of available and missing material test results by material type and test method between 2004 and 2009 is shown in table 6. The numbers presented in this table were generated using database queries based on general rules for material data requirements. Due to the myriad details associated with each SPS project site, the numbers do not necessarily represent missing data needed to characterize a pavement structure based on other potential data inferences. This comparison was intended to provide an "apples-to-apples" time comparison for management purposes based on a macro business rules approach that takes into account rule changes. The numbers in the 2004 columns are from the internal report *LTPP SPS Materials Data Resolution*, written in August 2004. The numbers in the 2009 column were generated using as similar methodology as possible based on data from LTPP Standard Data Release 24.

Table 6. Comparison of materials test data status by material layer type and test protocol from 2004 to 2009 for SPS projects included in the MAP.

Layer Type	Test	2004		2009	
		Available	Missing	Available	Missing
AC	AC01[a]	6,321	1,167	13,552	338
	AC02	3,945	1,744	6,712	351
	AC03	371	292	893	72
	AC04	399	284	1,101	72
	AC07	255	357	607	97
	AE03	362	319	764	96
	AE05	357	321	761	96
	AG01	304	346	700	113
	AG02	300	348	706	111
	AG04	391	289	874	79
	AG05	107	488	514	143
PCC	PC01	1,140	31	1,241	16
	PC02	992	29	1,097	16
	PC03	2	88	267	56
	PC04	372	50	446	27
	PC06	1,537	334	2,022	110
	PC08	18	121	131	67
Treated Base, Treated Subbase, and Treated Subgrade	TB01	85	1,551	817	71
	AC01[a]	590	590	1,261	321
	AC02	435	652	997	334
	AC03	52	110	154	42
	AC04	120	47	265	14
	AC07	35	118	66	104
	AE03	58	109	136	38
	AE05	53	109	136	38
	AG01	48	110	132	41
	AG02	41	116	74	93
	AG04	116	50	193	15
	AG05	18	137	104	64
	PC01	422	48	459	29
	PC02	3	90	45	40
	PC03	0	93	0	56
	PC04	1	92	51	35
	PC06	216	511	419	372
	PC08	0	93	52	33

Table 6. Comparison of materials test data status by material layer type and test protocol from 2004 to 2009 for SPS projects included in the MAP—Continued.

Layer Type	Test	2004		2009	
		Available	Missing	Available	Missing
Granular Base, Granular Subbase, and Subgrade	UG01, UG02, SS01	766	72	1,336	137
	SS02	466	244	804	90
	UG04, SS03	770	300	1,324	134
	UG07, SS07	384	583	809	222
	Specific Gravity[a]	N/A	N/A	633	262
	Dynamic Cone Penetrometer[a,b]	N/A	N/A	1,661	223

[a] A single test may provide results for multiple layers. The numbers provided here are on a per-layer basis.
[b] Test was not required prior to 2004.

The numbers in the "missing" columns represent the number of additional tests that would be required to fulfill the following criteria:

- For AC01, AC02, and PC06: Both 2004 and 2009 require at least three tests per test section.
- For PC03: 2004 requires three tests per project layer, and 2009 requires at least two tests per project layer.[1]
- For TB01: 2004 requires three tests per section layer, and 2009 requires three tests per project layer.
- For all other tests: Both 2004 and 2009 require at least three tests per project layer.

In addition, the layer must have at least 1.5 inches in representative thickness in the database for a test to be required (with the exception of thickness measurements in the AC01, PC06, and TB01 tests).

The information in table 6 does not reflect limitations on sampling due to field conditions or the suitability of specimens for the respective test. In the case of treated base materials, these test requirements were determined solely on the basis of the material description previously reported and stored in the database. In some cases, based on the new MAP field sampling, the material was found to be unsuitable for the planned tests. In other situations, the difference between the previously reported pavement structure and the findings from the MAP field investigations did not allow for corrections to be made in the field.

The change in materials data availability is summarized in table 7. Note that the number of required tests increased substantially due to additional layers discovered during the MAP sampling program and to additional required tests such as DCP and specific gravity of unbound

[1] A project layer is defined as a layer common to more than one test section on a project constructed to the same material and construction requirements. Thus, more than one test section on a project may contain the same project layer.

materials. Also, the increase in available test results is substantially higher than the 10,280 tests performed by the laboratory contractor. The reasons for this difference are as follows:

- DCP testing is included in table 7 but was performed by the LTPP regional support contractors rather than the laboratory contractor.

- A single AC01 test usually yields data for multiple layers. The numbers in table 7 are tabulated on a per-layer basis.

- The regional support contractors received and entered test results during this period from sources outside the MAP, including State highway agency laboratories.

Table 7. Increase in availability of material test data from 2004 to 2009 on SPS-1, -2, -5, -6, and -8 project sites.

	April 2004	November 2009	Change
Required Tests	34,529	48,984	14,455
Available Tests	22,359	44,316	21,957
Missing Tests	12,170	4,668	-7,502
Percent Missing	35%	9%	24%

Detailed information on materials data availability by project, section, layer, and specific test designation is tabulated in the appendices.

4.2 SUMMARY OF MRL SAMPLE COLLECTION

Although the collection of MRL samples was strongly supported by FHWA, storage of samples in the MRL for potential future use was assigned a lower priority due to financial constraints. The effort was dependent on the highway agencies' generosity in carrying out the sampling.

It was recommended that the same number of cores be obtained for the MRL as for the new and aging tests. Although the goal was to obtain specific numbers of cores that included all asphalt concrete (AC) or PCC layers within the project, this was not always achieved. In some cases, sufficient cores were collected but some or all of them included less than the total layers in the project. Table 8 summarizes the number of project-layer combinations present in the collected core samples. Of the desired samples, 74 percent of the 12-inch core samples and 61 percent of the 4-inch core samples were delivered to the MRL.

Table 8. Status of SPS AC and PCC cores for the MRL.

Experiment	Project layers	Required		Available	
		12-inch	4-inch	12-inch	4-inch
SPS-1	41	123	492	115	422
SPS-2	38	228	684	144	329
SPS-5	118	708	2,832	506	1,562
SPS-6	58	174	696	131	528
SPS-8 Flex	29	87	348	81	255
SPS-8 Rigid	8	24	72	18	43
Totals	**292**	**1,344**	**5,124**	**995**	**3,139**

Additional material in the MRL includes 473 12-inch cores and 1,071 4-inch cores of treated base material as well as 1,488 samples of bulk material.

CHAPTER 5. SUMMARY AND CONCLUSIONS

The MAP was initiated in August 2004 to address remaining priority pavement structure materials data characterization needs for test sections in the LTPP SPS-1, -2, -5, -6, and -8 experiments.

All nine tasks in the MAP were successfully completed under the leadership of the FHWA LTPP team with the cooperation of participating highway agencies and the diligent efforts of LTPP program contractors.

Based on the best available macro-database numerics, availability of needed priority materials data on SPS-1, -2, -5, -6, and -8 project sites due to the MAP increased by 24 percent between 2004 and 2009 based on the addition of more than 21,000 material test result data sets, reaching a 90^{th} percentile level of achievement. This level represents the practical maximum of additional material testing possible due to the ability to obtain an adequate quantity of materials from thin layers and the suitability of material for anticipated tests. In addition to filling data gaps, new material tests were obtained to extend the previous material characterizations on these important test sections.

While fund restrictions prevented a formal reassessment of materials data characterization on all LTPP test sections as planned under MAP task 9, the resulting increase of available pavement structural materials on the priority SPS project sites clearly demonstrates the ability of participating agencies and FHWA management to mobilize contractor resources in concert with expert peer review from TRB and to adapt to changes in program funding in order to optimize research data needs for a long-term research program such as LTPP.

While for purposes of transparency the LTPP program is reporting a 9 percent missing materials data characterization on the SPS projects included in the MAP, the reality is that the MAP has successfully addressed as many data shortfalls as possible through a field data collection and laboratory testing effort. The new data will expand the usefulness of these prime SPS projects in future pavement analysis and in development efforts related to mechanistic-empirical pavement design and performance models.

APPENDIX A. STATUS TABLES CODES

This appendix presents lists of codes used in the status tables presented in appendices B, C, and D. Table 9 contains LTPP material test codes.

Table 9. Material test codes and descriptions.

Test	Test Description
AC01	Core Examination and Thickness
AC02	Bulk Specific Gravity
AC03	Maximum Specific Gravity
AC04	Asphalt Content (extraction)
AC05	Moisture Susceptibility
AC06	Creep Compliance
AC07	Tensile Strength/Resilient Modulus
AC08	Field Moisture Damage
AE01	Abson Recovery
AE02	Penetration
AE03	Specific Gravity 16 °C (60.8 °F)
AE04	Viscosity 25 °C (77 °F)
AE05	Viscosity 60 °C (140 °F), 135 °C (275 °F)
AG01	Coarse Aggregate Specific Gravity
AG02	Fine Aggregate Specific Gravity
AG04	Extracted Aggregate Gradation
AG05	NAA Test for Fine Aggregate Particle Shape
PC01	Compressive Strength
PC02	Split Tensile Strength
PC03	Coefficient of Thermal Expansion
PC04	Static Modulus of Elasticity
PC05	PCC Unit Weight
PC06	Core Examination and Thickness
PC08	28 Day Air Content
PC09	Flexural Strength
SS01	Sieve Analysis
SS02	Hydrometer to 0.001 mm (0.000039 inches)
SS03	Atterberg Limits
SS04	Classification
SS05	Moisture-Density Relations
SS06	Plate Bearing Test (rigid sections only)
SS07	Resilient Modulus (in-situ density and moisture)
SS08	Unit Weight
SS09	Natural Moisture Content
SS10	Unconfined Compressive Strength
SS11	Permeability

Table 9. Material test codes and descriptions—Continued.

Test	Test Description
SS12	Expansion Index
TB01	Type and Classification of Material and Treatment
TB02	Pozzolanic/Cementitious: Compressive Strength
TB03	Asphalt Treated: Dynamic Modulus (77 °F)
UG01	Particle Size Analysis
UG02	Sieve Analysis (washed)
UG04	Atterberg Limits
UG05	Moisture Density Relations
UG07	Resilient Modulus (in-situ density and moisture)
UG08	Classification
UG09	Permeability
UG10	Natural Moisture Content

Table 10 contains LTPP layer type and material abbreviations and corresponding descriptions.

Table 10. Layer material type abbreviations.

Layer	Layer Description
AC	Asphalt concrete
ATB	Asphalt treated base
CTB	Cement treated base
EB	Embankment
GB	Granular base
GS	Granular subbase
LCB	Lean concrete base
PATB	Permeable asphalt treated base
PC	Portland cement concrete
PFC	Porous friction course
SS	Subgrade
TB	Treated base
TS	Treated subbase

Table 11 contains the LTPP state code number, the LTPP region in which the state or province is located, the state or province abbreviation, and the corresponding state or province name.

Table 11. LTPP state/province codes and LTPP regions.

State Code	Region	Abbreviation	State/ Province Name
1	SR	AL	Alabama
2	WR	AK	Alaska
4	WR	AZ	Arizona
5	SR	AR	Arkansas
6	WR	CA	California
8	WR	CO	Colorado
9	NA	CT	Connecticut
10	NA	DE	Delaware
11	NA	DC	District of Columbia
12	SR	FL	Florida
13	SR	GA	Georgia
15	WR	HI	Hawaii
16	WR	ID	Idaho
17	NC	IL	Illinois
18	NC	IN	Indiana
19	NC	IA	Iowa
20	NC	KS	Kansas
21	NC	KY	Kentucky
22	SR	LA	Louisiana
23	NA	ME	Maine
24	NA	MD	Maryland
25	NA	MA	Massachusetts
26	NC	MI	Michigan
27	NC	MN	Minnesota
28	SR	MS	Mississippi
29	NC	MO	Missouri
30	WR	MT	Montana
31	NC	NE	Nebraska
32	WR	NV	Nevada
33	NA	NH	New Hampshire
34	NA	NJ	New Jersey
35	SR	NM	New Mexico
36	NA	NY	New York
37	NA	NC	North Carolina
38	NC	ND	North Dakota
39	NC	OH	Ohio
40	SR	OK	Oklahoma

See notes at end of table.

Table 11. LTPP state/province codes and LTPP regions—Continued.

State Code	Region	Abbreviation	State/ Province Name
41	WR	OR	Oregon
42	NA	PA	Pennsylvania
44	NA	RI	Rhode Island
45	SR	SC	South Carolina
46	NC	SD	South Dakota
47	SR	TN	Tennessee
48	SR	TX	Texas
49	WR	UT	Utah
50	NA	VT	Vermont
51	NA	VA	Virginia
53	WR	WA	Washington
54	NA	WV	West Virginia
55	NC	WI	Wisconsin
56	WR	WY	Wyoming
72	SR	PR	Puerto Rico
81	WR	AB	Alberta
82	WR	BC	British Columbia
83	NC	MB	Manitoba
84	NA	NB	New Brunswick
85	NA	NF	Newfoundland
86	NA	NS	Nova Scotia
87	NA	ON	Ontario
88	NA	PE	Prince Edward Island
89	NA	PQ	Quebec
90	NC	SK	Saskatchewan

NA = North Atlantic Region
NC = North Central Region
SR = Southern Region
WR = Western Region

APPENDIX B. MATERIAL STATUS COMPARISON 2002–2004

The following series of tables presents a comparison of the status of LTPP materials data for test sections on SPS-1, -2, -5, -6, and -8 experimental project sites based on MS&T plans contained in the original SPS plan documentation. The primary purpose of this comparison is to document the status of materials data on these sites at the beginning of the MAP. Each table title provides a description of the table's contents. A description of the codes contained in these tables is provided in appendix A.

Table 12. Percentage missing material tests on SPS-1 project sites by test designation.

	2004				2002
Test Code	Required	Available	Missing	% Missing	% Missing
AC01	2,472	2,193	279	11	29
AC02	2,472	2,035	437	18	36
AC03	147	112	35	24	38
AC04	201	172	29	14	32
AC05	147	83	64	44	60
AC07	1,791	899	892	50	87
AE01	150	92	58	39	56
AE02	282	171	111	39	43
AE03	273	166	107	39	46
AE05	282	172	110	39	43
AG01	150	123	27	18	36
AG02	150	123	27	18	33
AG04	204	170	34	17	30
AG05	15	13	2	13	38
SS01	129	116	13	10	31
SS02	132	128	4	3	24
SS03	129	125	4	3	26
SS04	276	170	106	38	58
SS05	132	127	5	4	25
SS07	129	94	35	27	61
SS08	108	48	60	56	54
SS09	129	106	23	18	35
SS10	108	44	64	59	56
SS11	63	24	39	62	79
UG01	62	52	10	16	36
UG02	62	49	13	21	42
UG04	62	55	7	11	30
UG05	62	55	7	11	35
UG07	62	28	34	55	56
UG08	62	48	14	23	30
UG09	149	79	70	47	65
UG10	62	46	16	26	39

Table 13. Percentage missing material tests on SPS-1 project sites by layer type.

Layer Type	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC	6,327	4,829	1,498	24	45
ATB	2,301	1,581	720	31	45
EB	48	39	9	19	59
GB	408	310	98	24	38
GS	217	157	60	28	16
PATB	108	92	16	15	31
SS	1,245	888	357	29	47

Table 14. Percentage missing material tests on SPS-2 project sites by test designation.

Test Code	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC04	42	32	10	24	13
AG04	42	30	12	29	57
PC01	1,308	1,005	303	23	24
PC02	756	582	174	23	24
PC03	28	8	20	71	100
PC04	336	243	93	28	26
PC05	168	148	20	12	26
PC06	1,713	1,340	373	22	27
PC08	28	6	22	79	71
PC09	252	218	34	13	8
SS01	132	120	12	9	40
SS02	132	103	29	22	45
SS03	132	119	13	10	39
SS04	366	170	196	54	57
SS05	132	113	19	14	39
SS07	132	56	76	58	71
SS08	84	34	50	60	63
SS09	132	109	23	17	24
SS10	84	28	56	67	69
SS11	27	6	21	78	94
UG01	42	35	7	17	29
UG02	42	32	10	24	28
UG04	42	39	3	7	14
UG05	42	35	7	17	19
UG07	42	25	17	40	48
UG08	42	39	3	7	17
UG09	168	76	92	55	50
UG10	42	31	11	26	36

Table 15. Percentage missing material tests on SPS-2 project sites by layer type.

Layer Type	2004				2002
	Required	Available	Missing	% Missing	% Missing
CTB	588	385	203	35	47
EB	114	76	38	33	72
GB	336	266	70	21	28
GS	162	85	77	48	20
LCB	300	244	56	19	17
PATB	84	62	22	26	44
PC	3,701	2,911	788	21	26
SS	1,203	743	460	38	50

Table 16. Percentage missing material tests on SPS-5 project sites by test designation.

Test Code	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC01	2,320	1,856	464	20	22
AC02	1,582	1,118	464	29	31
AC03	297	155	142	48	50
AC04	297	156	141	47	49
AC05	198	62	136	69	71
AC07	1,530	545	985	64	88
AC08	90	15	75	83	77
AE01	297	99	198	67	63
AE02	297	108	189	64	56
AE03	297	120	177	60	56
AE05	297	120	177	60	56
AG01	243	98	145	60	59
AG02	237	95	142	60	60
AG04	297	147	150	51	49
SS01	69	51	18	26	29
SS02	69	49	20	29	33
SS03	66	42	24	36	35
SS04	69	55	14	20	23
SS05	69	44	25	36	30
SS07	69	26	43	62	71
SS08	54	7	47	87	90
SS09	66	46	20	30	32
TB01	39	16	23	59	67
TB02	33	2	31	94	95
UG01	54	42	12	22	25
UG02	54	39	15	28	56
UG04	54	37	17	31	38
UG05	54	31	23	43	45
UG07	54	9	45	83	89
UG08	54	42	12	22	35
UG09	69	14	55	80	86
UG10	57	45	12	21	41

Table 17. Percentage missing material tests on SPS-5 project sites by layer type.

Layer Code	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC	7,994	4,537	3,457	43	48
GB	264	138	126	48	56
GS	288	169	119	41	54
PFC	66	66	0	0	0
SS	429	272	157	37	40
TB	285	79	206	72	75
TS	6	5	1	17	17

Table 18. Percentage missing material tests on SPS-6 project sites by test designation.

Test Code	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC01	560	437	123	22	55
AC02	540	349	191	35	68
AC03	81	24	57	70	74
AC04	81	17	64	79	83
AC05	81	3	78	96	96
AC07	318	29	289	91	94
AE01	81	17	64	79	83
AE02	81	17	64	79	83
AE03	81	17	64	79	83
AE04	48	0	48	100	94
AE05	81	17	64	79	83
AG01	87	29	58	67	83
AG02	81	17	64	79	83
AG04	81	23	58	72	76
AG05	12	0	12	100	94
PC01	140	82	58	41	51
PC02	140	87	53	38	52
PC03	42	4	38	90	100
PC04	84	27	57	68	61
PC05	140	80	60	43	57
PC06	322	224	98	30	43
SS01	42	33	9	21	43
SS02	42	32	10	24	38
SS03	42	33	9	21	39
SS04	72	38	34	47	67
SS05	42	33	9	21	39
SS07	42	21	21	50	59
SS08	84	9	75	89	95
SS09	42	30	12	29	50
TB01	18	9	9	50	83
TB02	18	7	11	61	81
UG01	45	29	16	36	48
UG02	45	29	16	36	81
UG04	45	27	18	40	67
UG05	45	29	16	36	73
UG07	45	2	43	96	98
UG08	45	26	19	42	69
UG09	45	9	36	80	90
UG10	45	26	19	42	74

Table 19. Percentage missing material tests on SPS-6 project sites by layer type.

Layer Type	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC	2,285	996	1,289	56	75
GB	288	137	151	52	56
GS	72	40	32	44	89
PC	868	500	368	42	52
SS	408	229	179	44	59
TB	48	16	32	67	87

Table 20. Percentage missing material tests on SPS-8 project sites by test designation.

Test Code	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC01	456	364	92	20	36
AC02	456	374	82	18	48
AC03	78	62	16	21	42
AC04	78	63	15	19	40
AC05	78	49	29	37	54
AC07	258	153	105	41	84
AE01	78	41	37	47	67
AE02	156	61	95	61	61
AE03	156	68	88	56	59
AE05	156	64	92	59	62
AG01	78	52	26	33	51
AG02	78	52	26	33	51
AG04	78	58	20	26	45
PC01	144	91	53	37	62
PC02	144	94	50	35	60
PC03	8	1	7	88	100
PC04	48	24	24	50	68
PC05	72	28	44	61	72
PC06	52	26	26	50	77
PC08	8	3	5	62	82
PC09	72	33	39	54	71
SS01	69	54	15	22	20
SS02	69	54	15	22	22
SS03	69	55	14	20	18
SS04	162	102	60	37	62
SS05	69	58	11	16	17
SS06	20	4	16	80	80
SS07	69	21	48	70	79
SS08	120	27	93	78	89
SS09	69	45	24	35	46
SS10	40	12	28	70	80
SS11	22	9	13	59	80
SS12	51	3	48	94	94
TB01	3	0	3	100	100
TB02	3	0	3	100	100
UG01	60	46	14	23	26
UG02	60	43	17	28	53
UG04	60	42	18	30	34
UG05	60	48	12	20	30
UG07	60	20	40	67	78
UG08	60	45	15	25	34

Table 20. Percentage missing material tests on SPS-8 project sites by test designation—Continued.

Test Code	2004				2002
	Required	Available	Missing	% Missing	% Missing
UG09	81	28	53	65	64
UG10	60	42	18	30	46

Table 21. Percentage missing material tests on SPS-8 project sites by layer type.

Layer Type	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC	2,184	1,448	736	34	54
GB	490	314	176	36	48
GS	75	33	42	56	56
PC	566	299	267	47	68
SS	765	411	354	46	59
TB	6	0	6	100	100

Table 22. Percentage missing material tests by experiment.

Experiment	2004				2002
	Required	Available	Missing	% Missing	% Missing
SPS-1	10,654	7,896	2,758	26	45
SPS-2	6,488	4,774	1,714	26	32
SPS-5	9,332	5,266	4,066	44	49
SPS-6	3,969	1,918	2,051	52	70
SPS-8	4,086	2,505	1,581	39	57

Table 23. Percentage missing material tests by layer type for all experiments.

Layer Type	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC	18,790	11,810	6,980	37	51
ATB	2,340	1,581	759	32	45
CTB	588	385	203	35	47
EB	162	115	47	29	65
GB	1,786	1,165	621	35	44
GS	814	484	330	41	59
LCB	300	244	56	19	17
PATB	192	154	38	20	36
PC	5,135	3,712	1,423	28	36
PFC	66	66	0	0	0
SS	4,050	2,543	1,507	37	51
TB	300	95	205	68	79
TS	6	5	1	17	72

Table 24. Percentage missing material tests by highway agency for all experiments.

State Code	Name	2004				2002
		Required	Available	Missing	% Missing	% Missing
1	Alabama	1,561	616	945	61	65
4	Arizona	1,330	1,147	183	14	12
5	Arkansas	1,646	1,068	578	35	69
6	California	1,204	533	671	56	58
8	Colorado	823	678	145	18	15
10	Delaware	1,184	880	304	26	34
12	Florida	1,116	865	251	22	29
13	Georgia	574	348	226	39	47
17	Illinois	280	155	125	45	66
18	Indiana	280	28	252	90	100
19	Iowa	1,437	910	527	37	57
20	Kansas	950	511	439	46	67
22	Louisiana	674	392	282	42	45
23	Maine	902	633	269	30	39
24	Maryland	662	468	194	29	40
26	Michigan	1,755	1,212	543	31	48
27	Minnesota	662	108	554	84	78
28	Mississippi	994	354	640	64	71
29	Missouri	1,606	942	664	41	79
30	Montana	863	640	223	26	40
31	Nebraska	470	374	96	20	60
32	Nevada	915	792	123	13	18
34	New Jersey	965	515	450	47	47
35	New Mexico	1,044	704	340	33	54
36	New York	282	244	38	13	23
37	North Carolina	679	505	174	26	38
38	North Dakota	507	353	154	30	40
39	Ohio	1,432	1,038	394	28	52
40	Oklahoma	1,460	977	483	33	32
42	Pennsylvania	195	131	64	33	31
46	South Dakota	433	193	240	55	82
47	Tennessee	309	223	86	28	28
48	Texas	1,541	1,115	426	28	33
49	Utah	172	115	57	33	41
51	Virginia	647	529	118	18	24
53	Washington	785	583	202	26	27
55	Wisconsin	1,390	938	452	33	60
81	Alberta	304	274	30	10	16
83	Manitoba	496	268	228	46	52

Table 25. Percentage missing material tests by agency and project.

State Code	Project	2004				2002
		Required	Available	Missing	% Missing	% Missing
1	0100	626	311	315	50	59
1	0500	567	153	414	73	73
1	0600	368	152	216	59	61
4	0100	404	374	30	7	11
4	0200	415	350	65	16	6
4	0500	298	258	40	13	13
4	0600	213	166	47	22	22
5	0100	626	497	129	21	71
5	0200	411	261	150	36	47
5	0800	320	178	142	44	81
5	A600	289	156	133	46	85
6	0200	415	305	110	27	32
6	0500	307	80	227	74	74
6	0600	216	0	216	100	100
6	0800	125	62	63	50	40
6	A800	141	90	51	36	49
8	0200	415	337	78	19	14
8	0500	283	248	35	12	12
8	0800	125	93	32	26	26
10	0100	695	501	194	28	42
10	0200	489	381	108	22	22
12	0100	626	499	127	20	27
12	0500	490	368	122	25	32
13	0500	574	348	226	39	47
17	0600	280	155	125	45	66
18	0600	280	28	252	90	100
19	0100	650	449	201	31	56
19	0200	507	422	85	17	32
19	0600	280	39	241	86	88
20	0100	509	363	146	29	64
20	0200	441	148	293	66	71
22	0100	674	392	282	42	45
23	0500	902	636	266	29	39
24	0500	662	468	194	29	40
26	0100	862	645	217	25	49
26	0200	507	349	158	31	35
26	0600	386	220	166	43	65
27	0500	662	108	554	84	78
28	0500	616	284	332	54	64
28	0800	378	72	306	81	81
29	0500	555	235	320	58	78
29	0600	292	213	79	27	61

Table 25. Percentage missing material tests by agency and project—Continued.

State Code	Project	2004				2002
		Required	Available	Missing	% Missing	% Missing
29	800	204	165	39	19	74
29	A600	280	167	113	40	100
29	A800	275	162	113	41	80
30	100	404	261	143	35	58
30	500	312	285	27	9	14
30	800	147	94	53	36	45
31	100	470	374	96	20	60
32	100	452	376	76	17	25
32	200	463	420	43	9	11
34	500	760	385	375	49	50
34	800	205	130	75	37	35
35	100	419	367	52	12	19
35	500	480	302	178	37	81
35	800	145	55	90	62	74
36	800	282	244	38	13	23
37	200	441	326	115	26	28
37	800	238	181	57	24	58
38	200	507	353	154	30	40
39	100	650	469	181	28	58
39	200	507	387	120	24	43
39	800	275	184	91	33	53
40	100	626	532	94	15	14
40	500	545	276	269	49	48
40	600	289	169	120	42	42
42	600	195	133	62	32	31
46	600	289	101	188	65	87
46	800	141	92	49	35	76
47	600	309	223	86	28	28
48	100	635	531	104	16	28
48	800	238	158	80	34	44
48	A500	519	315	204	39	38
48	A800	149	112	37	25	23
49	800	172	115	57	33	41
51	100	647	531	116	18	24
53	200	463	378	85	18	21
53	800	172	121	51	30	30
53	A800	150	84	66	44	44
55	100	679	446	233	34	72
55	200	507	365	142	28	35
55	800	204	127	77	38	73
81	500	304	274	30	10	16
83	500	496	268	228	46	52

Table 26. Percentage missing material tests by test type for all experiments.

Test Code	2004				2002
	Required	Available	Missing	% Missing	% Missing
AC01	5,808	4,850	958	16	29
AC02	5,050	3,876	1,174	23	39
AC03	603	353	250	41	50
AC04	699	440	259	37	46
AC05	504	197	307	61	70
AC07	3,897	1,626	2,271	58	87
AC08	90	15	75	83	77
AE01	606	249	357	59	65
AE02	816	357	459	56	55
AE03	807	371	436	54	56
AE04	48	0	48	100	86
AE05	816	373	443	54	55
AG01	558	302	256	46	56
AG02	546	287	259	47	55
AG04	702	428	274	39	47
AG05	27	13	14	52	75
PC01	1,592	1,178	414	26	31
PC02	1,040	763	277	27	35
PC03	78	0	78	100	100
PC04	468	294	174	37	38
PC05	380	256	124	33	48
PC06	2,087	1,590	497	24	33
PC08	36	9	27	75	74
PC09	324	251	73	23	26
SS01	441	374	67	15	33
SS02	444	366	78	18	32
SS03	438	374	64	15	31
SS04	945	535	410	43	58
SS05	444	375	69	16	30
SS06	20	4	16	80	80
SS07	441	218	223	51	67
SS08	450	125	325	72	79
SS09	438	336	102	23	36
SS10	232	84	148	64	65
SS11	112	39	73	65	86
SS12	51	3	48	94	94
TB01	60	25	35	58	75
TB02	54	9	45	83	89
UG01	263	204	59	22	31
UG02	263	192	71	27	58
UG04	263	200	63	24	41

Table 26. Percentage missing material tests by test type for all experiments—Continued.

Test Code	2004				2002
	Required	Available	Missing	% Missing	% Missing
UG05	263	198	65	25	44
UG07	263	84	179	68	79
UG08	263	200	63	24	41
UG09	512	206	306	60	68
UG10	266	190	76	29	51

APPENDIX C. MATERIAL DATA GAP NEEDS, MAP 2004 PLAN

The material status tables contained in this appendix represent data requirements identified in 2004 to fill data gaps defined by the MAP requirements. Some details associated with these counts are as follows:

- AC and PCC layers with a thickness of less than 1.5 inches are not included in project-level needs (they are in the "done" counts, however).

- Layer thicknesses are based on the most recent construction number. In some cases, the layer has been milled off since the project entered the LTPP program. The tests previously performed on those layers are counted; however, they are not included in the "need" counts, as there is no material to resample.

- Tests performed on unbound layers are not counted by test designation, as multiple test designations can refer to the same physical test (i.e., SS01, UG01, and UG02 are all sieve analyses, and SS02 and UG03 are sieve analyses with hydrometer).

- Requirements for hydrometer analysis on unbound materials were assessed based on the reported material descriptions. Materials that are reported as being substantially fine-grained were judged to need hydrometer testing.

- Treated base and subgrade materials were assigned test requirements as if they were AC, PCC, or unbound materials based on the material descriptions. It was expected that the regions would perform some changes to these assignments during the development of site-specific resampling plans.

Table 27. Material test needs to fill MAP data gaps for AC tests by project, project layer, and test.

State Code	Project ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
1	0100	I	2.2	6.6	0	3	0	3	4	0	0	3	0	3	0	3	0	3	0	3	0	3
1	0100	J	1.1	1.6	0	3	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
1	0500	E	2.2	2.6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
1	0500	F	0	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	0500	G	1.6	3.7	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
1	0500	H	1.1	2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
1	0500	I	1	3.8	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
1	0500	J	1.4	2.1	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
1	0600	E	4	4.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
1	0600	F	2.2	7.4	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
1	0600	G	1.1	1.6	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
4	0100	H	3.9	8.5	4	0	4	0	7	0	4	0	4	0	4	0	5	0	5	0	0	3
4	0100	M	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0100	N	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0200	H	8.9	9.4	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	0	3
4	0500	D	1.7	4.3	3	0	5	0	0	3	5	0	5	0	0	3	0	3	5	0	0	3
4	0500	E	0	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0500	F	2.4	2.6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
4	0500	G	1.3	4.7	3	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	0	3
4	0500	H	2.7	2.8	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
4	0500	I	2.4	4.8	3	0	3	0	1	2	3	0	3	0	3	0	3	0	3	0	0	3
4	0500	J	2.2	2.2	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
4	0600	G	2	8.4	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
4	0600	I	2	2.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
4	0600	J	0.3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0100	G	2.4	5.5	6	0	6	0	4	0	9	0	9	0	6	0	6	0	6	0	0	3
5	0100	H	1.5	1.9	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	0	3
5	0800	G	1.2	1.5	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
5	0800	I	2.5	5.7	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
5	A600	D	1.5	4.7	3	0	4	0	0	3	4	0	3	0	4	0	5	0	4	0	0	3
5	A600	E	1.8	4.7	4	0	4	0	0	3	4	0	4	0	4	0	4	0	4	0	0	3
6	0500	G	1.2	4.3	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	H	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0500	I	2.1	2.4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3

Table 27. Material test needs to fill MAP data gaps for AC tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
6	0500	J	1.8	6.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	K	2	2.1	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	M	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0500	N	3.6	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	O	2	5.7	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	P	2	2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	Q	0.7	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0500	R	1.8	1.8	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	S	1.8	1.8	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	T	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0500	U	4.2	4.2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	V	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0600	J	1.2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0600	K	3	8.1	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	A800	C	3.9	6.8	3	0	3	0	0	3	6	0	6	0	3	0	3	0	3	0	3	0
8	0500	E	2.3	6.9	3	0	3	0	2	1	3	0	3	0	0	3	0	3	3	0	0	3
8	0500	F	0.6	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0500	G	2	2.8	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
8	0500	H	2.3	5.1	2	1	2	1	4	0	2	1	2	1	2	1	2	1	2	1	0	3
8	0500	I	2	2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
8	0500	J	4.1	4.2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
8	0500	K	1.7	5.1	2	1	2	1	4	0	2	1	2	1	2	1	2	1	2	1	0	3
8	0500	L	1.9	1.9	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
10	0100	I	2.5	6.2	0	3	5	0	5	0	5	0	4	0	5	0	5	0	5	0	5	0
10	0100	J	0.7	2	0	3	5	0	5	0	7	0	7	0	5	0	5	0	5	0	5	0
10	0100	K	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0100	H	1.9	5.2	3	0	3	0	6	0	4	0	3	0	4	0	3	0	3	0	0	3
12	0100	I	1.8	2.1	3	0	3	0	2	1	6	0	5	0	3	0	3	0	3	0	0	3
12	0500	D	0.3	2.3	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
12	0500	E	1.4	4.4	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	0	3
12	0500	F	2.6	3.1	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
12	0500	G	0.6	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0500	H	1.3	4.5	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
12	0500	I	2.1	3.6	0	3	0	3	2	1	0	3	0	3	0	3	0	3	0	3	0	3

Table 27. Material test needs to fill MAP data gaps for AC tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
12	0500	J	0.8	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0500	K	0	0	12	0	12	0	6	0	12	0	12	0	12	0	12	0	12	0	0	0
13	0500	D	0	2	3	0	3	0	4	0	3	0	3	0	0	3	0	3	3	0	0	3
13	0500	E	0	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0500	F	1	5	0	3	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
13	0500	G	1.2	2.2	0	3	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
13	0500	H	1.9	5.3	0	3	0	3	4	0	0	3	0	3	0	3	0	3	0	3	0	3
13	0500	I	1.1	2.3	0	3	0	3	4	0	0	3	0	3	0	3	0	3	0	3	0	3
13	0500	J	0.8	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0600	G	1.6	6.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
17	0600	H	1.4	1.6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
18	0600	D	2.5	7	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
18	0600	E	1	2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
18	0600	F	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0100	K	1.7	6	6	0	5	0	4	0	6	0	6	0	6	0	6	0	6	0	6	0
19	0100	L	1.5	2.5	0	3	0	3	4	0	0	3	0	3	0	3	0	3	0	3	0	3
19	0600	E	2	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
19	0600	F	1.8	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
22	0100	H	2.1	8.1	0	3	0	3	4	0	3	0	3	0	0	3	0	3	0	3	0	3
22	0100	I	1.2	1.9	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
23	0500	E	2.9	3.6	7	0	9	0	4	0	2	1	2	1	0	3	0	3	7	0	0	3
23	0500	F	2.7	3	7	0	9	0	2	1	2	1	2	1	0	3	0	3	7	0	0	3
23	0500	G	1	2.2	7	0	9	0	4	0	2	1	2	1	0	3	0	3	7	0	0	3
23	0500	H	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0500	I	1.3	2.1	2	1	2	1	0	3	3	0	3	0	2	1	2	1	2	1	0	3
23	0500	J	1.7	1.9	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	0	3
23	0500	K	3.2	3.5	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	0	3
23	0500	L	3	3.1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	0	3
23	0500	M	1.8	2.7	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	0	3
23	0500	N	1.9	3	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	0	3
24	0500	E	1.8	2.5	9	0	9	0	1	2	9	0	9	0	9	0	9	0	9	0	0	3
24	0500	F	1.2	1.9	9	0	9	0	1	2	9	0	9	0	9	0	9	0	9	0	0	3
24	0500	G	0	1.1	9	0	9	0	0	0	9	0	9	0	9	0	9	0	9	0	0	0
24	0500	I	4	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3

Table 27. Material test needs to fill MAP data gaps for AC tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
24	0500	J	3	3.4	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
24	0500	K	2	2.8	2	1	2	1	0	3	2	1	2	1	0	3	0	3	2	1	0	3
24	0500	L	2.9	2.9	2	1	2	1	1	2	2	1	2	1	0	3	0	3	2	1	0	3
24	0500	M	2.9	2.9	2	1	2	1	1	2	1	2	1	2	2	1	2	1	2	1	0	3
24	0500	N	2	2	0	3	0	3	2	1	0	3	0	3	0	3	0	3	0	3	0	3
24	0500	O	2.9	2.9	2	1	2	1	1	2	1	2	1	2	2	1	2	1	2	1	0	3
24	0500	P	0.7	3.7	3	0	3	0	2	1	3	0	3	0	1	2	1	2	3	0	0	3
26	0100	H	2.4	3.2	10	0	13	0	1	2	13	0	13	0	10	0	10	0	13	0	10	0
26	0100	I	1.4	2.5	3	0	6	0	3	0	5	0	4	0	4	0	4	0	6	0	4	0
26	0100	J	1.5	1.9	0	3	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
27	0500	E	2.2	6.9	4	0	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
27	0500	F	0	2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
27	0500	G	1.8	4.6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
27	0500	H	2.6	4.7	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
27	0500	I	1.5	2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
27	0500	J	1.5	1.9	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
28	0800	C	3	3	0	3	0	3	0	3	1	2	1	2	0	3	0	3	0	3	0	3
28	0800	D	2	2	3	0	3	0	0	3	4	0	4	0	3	0	3	0	3	0	0	3
28	0800	E	2	2	3	0	3	0	0	3	4	0	4	0	3	0	3	0	3	0	0	3
29	0500	C	6.1	7.7	3	0	3	0	0	3	0	3	0	3	3	0	3	0	3	0	0	3
29	0500	D	0	1.4	3	0	3	0	1	0	0	0	0	0	3	0	3	0	3	0	0	0
29	0500	E	1.9	2.1	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
29	0500	F	2	5.5	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
29	0500	G	2	4.6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
29	0500	H	1.8	2.2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
29	0600	D	2.1	9.5	0	3	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
29	0600	E	1.5	2.4	0	3	0	3	5	0	0	3	0	3	0	3	0	3	0	3	0	3
29	0800	D	2.8	5.5	4	0	4	0	3	0	4	0	4	0	4	0	4	0	4	0	0	3
29	0800	E	2	2.1	4	0	4	0	3	0	4	0	4	0	4	0	4	0	4	0	0	3
29	A600	F	2.1	6.1	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
29	A600	H	2	2.3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
29	A800	C	2.7	5.3	2	1	2	1	2	1	0	3	0	3	0	3	0	3	0	3	0	3
29	A800	D	1.6	1.6	2	1	2	1	3	0	0	3	0	3	0	3	0	3	2	1	0	3
30	0100	E	4.2	7.6	3	0	3	0	6	0	4	0	4	0	3	0	3	0	3	0	0	3

Table 27. Material test needs to fill MAP data gaps for AC tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
30	0800	C	4.5	6.9	1	2	1	2	3	0	2	1	2	1	1	2	1	2	1	2	0	3
32	0100	H	4.1	7.3	0	3	2	1	5	0	5	0	5	0	2	1	3	0	3	0	0	3
34	0500	E	5.4	6.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
34	0500	F	1	3.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
34	0500	G	2.5	3.3	6	0	6	0	0	3	2	1	2	1	6	0	6	0	6	0	0	3
34	0500	H	1.7	1.9	6	0	6	0	0	3	2	1	2	1	6	0	6	0	6	0	0	3
34	0500	I	2.2	2.9	3	0	3	0	0	3	1	2	1	2	3	0	3	0	3	0	0	3
34	0500	J	1.8	2	3	0	3	0	0	3	1	2	1	2	3	0	3	0	3	0	0	3
34	0500	L	1	1	3	0	3	0	0	0	1	0	1	0	3	0	3	0	3	0	0	0
34	0500	M	3	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
34	0500	N	2.7	2.7	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
35	0100	L	4.2	7.5	3	0	3	0	6	0	6	0	6	0	3	0	3	0	3	0	3	0
35	0100	M	0.6	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0500	C	3.2	3.5	6	0	6	0	0	3	6	0	6	0	7	0	6	0	6	0	6	0
35	0500	D	1.6	3.4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
35	0500	E	0	1.6	0	3	0	3	0	3	0	3	0	3	1	2	0	3	0	3	0	3
35	0500	F	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0500	G	1.9	7.3	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	3	0
35	0500	H	2.2	7.2	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	3	0
35	0500	I	0.6	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0800	C	4.4	7.3	3	0	3	0	0	3	6	0	7	0	3	0	3	0	3	0	3	0
36	0800	E	3.9	4.6	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
36	0800	F	1.4	3.6	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
36	0800	G	0.9	1.3	3	0	3	0	2	0	5	0	5	0	3	0	3	0	3	0	3	0
37	0200	L	1.2	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0800	D	2.8	2.8	1	2	1	2	0	3	0	3	0	3	1	2	1	2	1	2	0	3
37	0800	E	2.3	2.5	2	1	2	1	2	1	0	3	0	3	2	1	2	1	2	1	0	3
37	0800	F	1.4	1.7	3	0	3	0	2	1	0	3	0	3	3	0	3	0	3	0	0	3
39	0100	E	1.8	5.5	4	0	4	0	3	0	4	0	4	0	4	0	4	0	4	0	4	0
39	0100	F	1.7	1.9	4	0	4	0	5	0	4	0	4	0	4	0	4	0	4	0	4	0
39	0800	D	2.4	5.1	0	3	0	3	2	1	0	3	0	3	0	3	0	3	0	3	0	3
39	0800	E	1.5	1.5	0	3	0	3	2	1	0	3	0	3	0	3	0	3	0	3	0	3
40	0100	H	2.3	6.1	3	0	3	0	4	0	9	0	9	0	3	0	3	0	3	0	3	0
40	0100	I	1.5	2	3	0	3	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0

Table 27. Material test needs to fill MAP data gaps for AC tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
40	0500	D	2	2.9	0	3	7	0	2	1	0	3	0	3	0	3	0	3	7	0	0	3
40	0500	E	0	1.6	7	0	6	0	1	2	7	0	7	0	0	3	0	3	7	0	6	0
40	0500	F	2.5	3	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	3	0
40	0500	G	1.8	3.1	3	0	3	0	0	3	1	2	1	2	1	2	1	2	1	2	0	3
40	0500	H	2.5	2.9	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	3	0
40	0500	I	1.8	3.5	3	0	3	0	0	3	1	2	1	2	1	2	2	1	1	2	0	3
40	0600	D	1.8	4.3	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
40	0600	E	6	6	1	2	1	2	0	3	1	2	1	2	1	2	1	2	1	2	0	3
42	0600	D	3	8	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
42	0600	E	2.5	2.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
42	0600	F	1.2	1.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
42	0600	G	3	3	1	2	1	2	0	3	2	1	2	1	1	2	1	2	1	2	0	3
42	0600	H	2.4	2.6	1	2	1	2	0	3	1	2	1	2	1	2	1	2	1	2	0	3
42	0600	I	1.7	1.9	1	2	1	2	0	3	1	2	1	2	1	2	1	2	1	2	0	3
42	0600	J	1	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0600	E	2.2	4.6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
46	0600	F	1.3	2.2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
46	0600	G	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0600	H	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0800	E	3.2	7.2	0	3	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
47	0600	F	2.4	7	1	2	1	2	0	3	1	2	1	2	1	2	1	2	1	2	1	2
47	0600	G	0.4	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0600	H	1	1.4	4	0	4	0	0	0	4	0	4	0	4	0	4	0	4	0	4	0
48	0100	M	2.9	2.9	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
48	0100	N	2.4	2.4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
48	0800	D	2.1	4.2	4	0	4	0	3	0	0	3	0	3	0	3	0	3	4	0	0	3
48	0800	E	2.2	2.3	4	0	4	0	3	0	3	0	1	2	0	3	0	3	4	0	0	3
48	A500	D	7.5	8.3	3	0	3	0	0	3	3	0	3	0	0	3	0	3	3	0	0	3
48	A500	E	0	1.5	3	0	3	0	0	3	3	0	3	0	0	3	0	3	3	0	0	3
48	A500	F	2.1	5.2	5	0	5	0	0	3	5	0	5	0	5	0	0	3	5	0	0	3
48	A500	G	2.1	2.2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
48	A500	H	1.6	5	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
48	A500	I	2	2.3	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
49	0800	D	4.9	7.1	3	0	3	0	3	0	3	0	3	0	5	0	5	0	3	0	0	3

Table 27. Material test needs to fill MAP data gaps for AC tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
49	0800	E	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0100	O	2	5	6	0	6	0	4	0	5	0	6	0	6	0	6	0	6	0	0	3
51	0100	P	1.3	3.4	1	2	1	2	3	0	2	1	2	1	1	2	1	2	1	2	0	3
53	0800	F	3.7	6.8	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
55	0100	H	2	6.4	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
55	0100	I	1.7	2.1	3	0	3	0	0	3	6	0	6	0	3	0	3	0	3	0	0	3
55	0800	C	2.4	4.9	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
55	0800	D	2	2.1	3	0	3	0	0	3	6	0	6	0	3	0	3	0	3	0	0	3
81	0500	D	3.6	6.3	3	0	3	0	0	3	3	0	3	0	0	3	0	3	3	0	0	3
81	0500	E	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0500	F	1.5	2	0	3	0	3	2	1	0	3	0	3	0	3	0	3	0	3	0	3
81	0500	G	1.8	5	3	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	0	3
81	0500	H	1.6	1.7	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
81	0500	I	2.1	4.9	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	0	3
83	0500	G	1.7	2.7	5	0	5	0	2	1	0	3	0	3	0	3	0	3	5	0	5	0
83	0500	H	0.6	2.1	5	0	5	0	4	0	0	3	0	3	0	3	0	3	5	0	5	0
83	0500	I	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0500	J	2.7	6.5	2	1	2	1	2	1	0	3	0	3	0	3	0	3	2	1	2	1
83	0500	K	3.1	6.6	2	1	2	1	2	1	0	3	0	3	0	3	0	3	2	1	2	1
Totals					**371**	**292**	**399**	**284**	**255**	**357**	**362**	**319**	**357**	**321**	**304**	**346**	**300**	**348**	**391**	**289**	**107**	**488**

Table 28. Material test needs to fill MAP data gaps for PCC tests by project, project layer, and test.

State Code	Project ID	Project Layer	Thickness		PC01		PC02		PC03		PC04		PC08	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
1	0600	D	10.1	10.7	11	0	3	0	0	2	0	3	0	3
4	0100	J	15	15	0	3	0	3	0	2	0	3	0	3
4	0100	K	11.2	11.2	21	0	21	0	0	2	6	0	0	3
4	0200	I	7.9	12.3	91	0	87	0	0	2	37	0	3	0
4	0600	F	7.9	8.5	14	0	15	0	0	2	0	3	0	3
4	0600	H	10	10	0	3	0	3	0	2	0	3	0	3
5	0200	I	7.4	11.5	37	0	15	0	0	2	12	0	0	3
5	0800	H	8.6	11.5	17	0	6	0	0	2	3	0	0	3
5	A600	C	9.8	10.2	4	0	10	0	0	2	0	3	0	3
6	0200	G	8	12.1	65	0	32	0	0	2	24	0	0	3
6	0600	E	4.5	8.9	0	3	0	3	0	2	0	3	0	3
6	0600	H	1	1	0	0	0	0	0	0	0	0	0	0
6	0800	C	8.3	10.6	20	0	13	0	0	2	3	0	0	3
8	0200	M	7.6	11.9	130	0	124	0	0	2	35	0	7	0
8	0800	E	8.9	12.9	15	0	15	0	0	2	6	0	0	3
10	0200	J	8.2	12.4	80	0	53	0	0	2	15	0	2	1
17	0600	C	10	10.2	5	0	4	0	0	2	3	0	0	3
17	0600	D	10.1	10.1	1	2	3	0	0	2	0	3	0	3
17	0600	E	10	10	0	3	0	3	0	2	0	3	0	3
18	0600	C	10	10	0	3	0	3	0	2	0	3	0	3
19	0200	H	8.1	11.8	52	0	54	0	0	2	24	0	0	3
19	0600	C	9.6	10	0	3	0	3	0	2	0	3	0	3
20	0200	H	7.4	12.2	53	0	47	0	0	2	0	3	0	3
26	0200	H	8.2	11.2	24	0	23	0	0	2	9	0	0	3
26	0200	I	7.1	11.4	20	0	18	0	0	2	6	0	0	3
26	0200	J	11.2	11.2	2	1	2	1	0	2	2	1	0	3
29	0600	C	8.9	9.7	21	0	25	0	0	2	16	0	0	3
29	0800	F	7.6	10.6	0	3	0	3	0	2	0	3	0	3
29	A600	D	7	7.5	8	0	8	0	0	2	0	3	0	3

Table 28. Material test needs to fill MAP data gaps for PCC tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		PC01		PC02		PC03		PC04		PC08	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
29	A600	G	7.2	7.3	2	1	2	1	0	2	0	3	0	3
29	A800	E	8.6	11.1	9	0	9	0	0	2	3	0	1	2
37	0200	K	8	11.6	78	0	69	0	0	2	28	0	0	3
38	0200	G	7.9	11.2	77	0	43	0	0	2	35	0	0	3
39	0200	G	7.9	11.6	80	0	76	0	0	2	31	0	0	3
39	0800	F	7.8	10.9	12	0	12	0	0	2	3	0	0	3
40	0600	C	8.8	9.1	8	0	8	0	0	2	5	0	0	3
40	0600	F	9.2	9.2	1	2	1	2	0	2	1	2	0	3
42	0600	C	10	10.6	9	0	10	0	2	0	3	0	0	3
46	0600	D	7	7.7	0	3	0	3	0	2	0	3	0	3
47	0600	E	8.9	9.2	9	0	10	0	0	2	5	0	0	3
47	0600	I	8.6	8.8	2	1	2	1	0	2	1	2	0	3
48	A800	C	8.3	12.3	12	0	26	0	0	2	3	0	1	2
53	0200	J	8.3	11.8	74	0	75	0	0	2	29	0	3	0
53	A800	E	8.5	10.9	18	0	18	0	0	2	6	0	1	2
55	0200	K	8.2	11.4	32	0	28	0	0	2	10	0	0	3
55	0200	L	8.4	11.4	26	0	25	0	0	2	8	0	0	3
				Totals	**1,140**	**31**	**992**	**29**	**2**	**88**	**372**	**50**	**18**	**121**

Table 29. Material test needs to fill MAP data gaps for unbound layers by project, project layer, and test.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
1	0100	A	SS	145			2	0	2	1	2	1	2	1
1	0100	B	SS	108			1	0	1	2	1	2	1	2
1	0100	C	SS	114			2	0	2	1	2	1	2	1
1	0100	D	SS	143			2	0	2	1	2	1	2	1
1	0100	E	GB	303	3.8	11.9	3	0	0	0	3	0	0	3
1	0500	A	SS	214			7	0	7	0	7	0	1	2
1	0500	B	GS	308	5.4	20.3	6	0	0	0	6	0	2	1
1	0500	C	GB	308	10.4	10.4	1	2	0	0	1	2	0	3
1	0500	D	GB	304	10.6	14.3	6	0	0	0	6	0	0	3
1	0600	A	SS	114			2	0	2	1	2	1	2	1
1	0600	B	SS	266			1	0	1	2	1	2	0	0
1	0600	C	GB	303	6	6	4	0	0	0	4	0	0	3
4	0100	A	SS	211			3	0	3	0	3	0	2	1
4	0100	B	SS	215	132	132	7	0	7	0	7	0	5	0
4	0100	C	SS	217			1	0	1	2	1	2	0	3
4	0100	D	SS	261			5	0	5	0	5	0	1	2
4	0100	E	GB	304	3.8	12	5	0	0	0	5	0	4	0
4	0100	O	GS	304	5.5	5.5	1	2	0	0	1	2	0	3
4	0200	A	SS	214			1	0	1	2	1	2	1	2
4	0200	B	SS	215			7	0	5	0	7	0	4	0
4	0200	C	SS	217			8	0	5	0	9	0	4	0
4	0200	D	GB	304	3.5	6.8	8	0	0	0	7	0	7	0
4	0500	A	SS	265			6	0	6	0	6	0	5	0
4	0500	C	GB	308	12.8	20.7	6	0	0	0	8	0	1	2
4	0600	A	SS	287			0	0	1	2	0	3	0	3
4	0600	B	SS	215	72	72	0	0	0	3	0	3	0	3
4	0600	C	GS	307	6.2	21.6	2	0	0	3	2	1	1	2
4	0600	D	GS	302	6.4	9.7	4	0	0	0	4	0	2	1
4	0600	L	SS	267			1	0	1	2	1	2	0	3
4	0600	M	SS	217			1	0	0	3	1	2	1	2
4	0600	N	SS	117			1	0	1	2	1	2	1	2
5	0100	A	SS	214			8	0	8	0	8	0	0	3

See notes at end of table.

Table 29. Material test needs to fill MAP data gaps for unbound layers by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
5	0100	B	SS	204			2	0	2	1	2	1	0	3
5	0100	C	GB	303	3.5	12.3	3	0	0	0	3	0	1	2
5	0200	A	SS	215	144	144	6	0	2	1	5	0	0	3
5	0200	B	SS	217	36	84	3	0	3	0	3	0	1	2
5	0200	C	SS	255	121	121	1	0	1	2	1	2	0	3
5	0200	D	SS	267	121	121	6	0	2	1	5	0	0	3
5	0200	F	GB	350	4	11	5	0	0	0	5	0	0	3
5	0800	A	SS	108			2	0	1	2	3	0	1	2
5	0800	B	SS	107			4	0	2	1	2	1	0	3
5	0800	C	SS	102			2	0	2	1	2	1	2	1
5	0800	D	SS	143			2	0	1	2	3	0	1	2
5	0800	F	GB	303	7.3	12.7	5	0	0	0	4	0	2	1
5	A600	A	SS	131			1	0	1	2	1	2	1	2
5	A600	F	SS	101			2	0	2	1	2	1	2	1
5	A600	G	SS	114			1	0	1	2	1	2	1	2
5	A600	H	SS	216			1	0	1	2	1	2	1	2
6	0200	A	SS	214			4	0	4	0	4	0	4	0
6	0200	B	SS	205			1	0	1	2	1	2	1	2
6	0200	C	SS	204			2	0	2	1	2	1	1	2
6	0200	D	GB	302	3.8	6.3	5	0	0	0	5	0	4	0
6	0500	A	SS	131			2	0	2	1	2	1	2	1
6	0500	B	SS	204			13	0	12	0	12	0	2	1
6	0500	D	SS	216			2	0	2	1	2	1	1	2
6	0500	E	GS	308	16.6	22.9	16	0	0	0	16	0	6	0
6	0600	B	SS	203			0	3	0	0	0	3	0	3
6	0600	C	SS	253			0	3	0	0	0	3	0	3
6	0800	A	SS	204			2	0	2	1	2	1	2	1
6	0800	B	GB	304	6.3	6.3	2	1	0	0	2	1	1	2
6	A800	A	SS	204			2	0	2	1	2	1	1	2
6	A800	B	GB	304	8.2	12.1	2	1	0	0	2	1	0	3
8	0200	A	SS	217			2	0	2	1	2	1	2	1
8	0200	C	SS	113			0	0	0	3	0	3	0	3

See notes at end of table.

Table 29. Material test needs to fill MAP data gaps for unbound layers by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
8	0200	D	SS	210			1	0	1	2	1	2	1	2
8	0200	E	SS	114			2	0	2	1	2	1	2	1
8	0200	F	SS	216			2	0	2	1	2	1	2	1
8	0200	G	SS	204			1	0	1	2	1	2	1	2
8	0200	H	SS	107			0	0	0	3	0	3	0	3
8	0200	I	SS	101			0	0	0	3	0	3	0	3
8	0200	J	GB	304	3.1	6	3	0	0	0	3	0	1	2
8	0500	A	SS	216			1	0	2	1	2	1	1	2
8	0500	B	SS	111			1	0	2	1	2	1	1	2
8	0500	C	SS	108			1	0	2	1	2	1	1	2
8	0800	A	SS	114			2	0	2	1	2	1	0	3
8	0800	B	SS	214			3	0	4	0	3	0	0	3
8	0800	D	GB	304	6	7.5	3	0	0	0	3	0	0	3
10	0100	A	SS	202			0	0	7	0	7	0	18	0
10	0100	B	GS	308	12	48	0	0	5	0	5	0	0	3
10	0100	C	GS	307	43	43	0	0	0	3	0	3	0	3
10	0100	D	GB	303	3.4	12.1	0	3	0	0	3	0	3	0
10	0200	A	SS	214			8	0	3	0	8	0	6	0
10	0200	B	SS	210			5	0	1	2	5	0	3	0
10	0200	C	SS	216			3	0	1	2	3	0	2	1
10	0200	D	GS	214	12	42	2	0	2	1	2	1	1	2
10	0200	E	GS	210	30	30	1	0	1	2	2	1	1	2
10	0200	F	GS	201	14	42	2	0	2	1	2	1	1	2
10	0200	G	GB	303	3.3	7.9	2	1	0	0	3	0	2	1
12	0100	A	SS	215	63.6	92.4	4	0	4	0	4	0	4	0
12	0100	B	SS	205	81.6	105.6	2	0	2	1	2	1	2	1
12	0100	C	GB	303	4	12.1	1	2	0	0	1	2	1	2
12	0100	G	GB	337	10.2	10.2	1	2	0	0	1	2	0	3
12	0500	A	SS	202			1	0	1	2	1	2	1	2
12	0500	B	GS	308	11.5	18	1	2	0	0	1	2	0	3
12	0500	C	GB	303	8.3	8.8	1	2	0	0	1	2	0	3
12	0500	L	GB	304	10.6	10.6	1	2	0	0	1	2	0	3

See notes at end of table.

Table 29. Material test needs to fill MAP data gaps for unbound layers by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
13	0500	A	SS	215	5.5	19.5	2	0	2	1	2	1	3	0
13	0500	B	GS	308	13	38.7	3	0	0	0	3	0	3	0
13	0500	K	SS	282	2.7	5	0	3	0	0	0	3	0	3
17	0600	A	SS	131			2	0	1	2	2	1	0	3
17	0600	B	GB	302	7	7.2	2	1	0	0	2	1	0	3
18	0600	A	SS	113			0	0	0	3	0	3	0	3
19	0100	A	SS	101			0	0	0	3	0	3	1	2
19	0100	B	SS	104			0	0	0	3	0	3	3	0
19	0100	C	SS	107			0	0	0	3	0	3	1	2
19	0100	D	SS	108			0	0	0	3	0	3	0	3
19	0100	E	SS	131			0	0	0	3	0	3	1	2
19	0100	F	GS	104	24	24	3	0	3	0	3	0	0	3
19	0100	G	GS	108	23.7	25	2	0	2	1	2	1	0	3
19	0100	H	GB	303	4	12	3	0	0	0	3	0	0	3
19	0200	A	SS	104			6	0	6	0	6	0	7	0
19	0200	B	SS	114			0	0	0	3	0	3	0	3
19	0200	C	GS	107	24	24	6	0	6	0	6	0	0	3
19	0200	D	GS	114	24	24	0	0	0	3	0	3	0	3
19	0200	E	GB	303	3.6	6.3	3	0	0	0	3	0	3	0
19	0600	A	SS	113			2	0	2	1	2	1	5	0
19	0600	B	GB	302	4	4	2	1	0	0	2	1	0	3
20	0200	A	SS	131			8	0	8	0	8	0	1	2
20	0200	E	GB	303	3.9	6.1	3	0	0	0	4	0	1	2
22	0100	A	SS	102			4	0	3	0	4	0	4	0
22	0100	B	SS	141			2	0	1	2	0	3	2	1
22	0100	C	GS	133	12	12	1	0	1	2	1	2	0	3
22	0100	E	GB	303	4.1	13.2	0	3	0	0	0	3	1	2
22	0100	J	GS	143	12.6	12.6	2	0	1	2	4	0	1	2
22	0100	K	GS	131	12	18	2	0	2	1	2	1	1	2
22	0100	L	GS	141	30	30	1	0	1	2	1	2	0	3
23	0500	A	SS	216			1	0	7	0	1	2	1	2
23	0500	B	SS	214			1	0	1	2	1	2	1	2

See notes at end of table.

Table 29. Material test needs to fill MAP data gaps for unbound layers by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
23	0500	C	GS	302	9	9	8	0	0	0	2	1	1	2
23	0500	D	GB	304	4	4.5	8	0	0	0	2	1	0	3
24	0500	A	SS	141	198	198	0	0	0	3	0	3	0	3
24	0500	C	GS	303	5.1	6.5	0	3	0	0	0	3	0	3
26	0100	A	SS	113			9	0	7	0	7	0	5	0
26	0100	C	GS	306	24	24	1	2	0	0	1	2	1	2
26	0100	D	GB	303	4	12	4	0	0	0	4	0	2	1
26	0100	E	GB	304	4	4	1	2	0	0	1	2	1	2
26	0200	A	SS	113			1	0	1	2	1	2	1	2
26	0200	B	SS	131			7	0	8	0	7	0	5	0
26	0200	C	GS	131	13.5	18.5	8	0	8	0	8	0	4	0
26	0200	D	GB	303	4	6.2	7	0	0	0	5	0	1	2
27	0500	A	SS	216			3	0	0	3	4	0	0	3
27	0500	C	GS	302	12.3	12.6	4	0	0	0	4	0	0	3
27	0500	D	GB	304	4.7	5.4	4	0	0	0	4	0	0	3
28	0800	A	SS	217			0	0	0	3	0	3	0	3
28	0800	B	GB	303	9	12	0	3	0	0	0	3	0	3
28	0800	F	SS	104			0	0	0	3	0	3	0	3
29	0500	A	SS	266			1	0	1	2	1	2	0	3
29	0500	B	GB	303	4	6	1	2	0	0	1	2	0	3
29	0600	A	SS	113			8	0	8	0	8	0	8	0
29	0600	B	GB	303	3.4	6	8	0	0	0	8	0	1	2
29	0800	A	SS	111			2	0	1	2	2	1	0	3
29	0800	B	SS	112			10	0	10	0	10	0	0	3
29	0800	C	GB	303	6.3	11.5	6	0	0	0	6	0	0	3
29	A600	A	SS	112			5	0	5	0	5	0	1	2
29	A600	B	SS	115			1	0	1	2	0	3	0	3
29	A600	C	GB	303	3.8	4	4	0	0	0	4	0	0	3
29	A800	A	SS	103			7	0	8	0	8	0	0	3
29	A800	B	GB	303	6	12.3	4	0	0	0	4	0	2	1
30	0100	A	SS	204			11	0	11	0	11	0	10	0
30	0100	B	GB	304	4.2	12.5	3	0	0	0	3	0	3	0

See notes at end of table.

Table 29. Material test needs to fill MAP data gaps for unbound layers by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
30	0800	A	SS	254			3	0	3	0	3	0	0	3
30	0800	B	GB	304	7.1	12	3	0	0	0	3	0	3	0
32	0100	A	SS	214			3	0	3	0	3	0	3	0
32	0100	B	SS	216			3	0	3	0	3	0	3	0
32	0100	D	GS	308	14.4	24.6	6	0	6	0	6	0	0	3
32	0100	E	GB	304	3.6	12.1	3	0	0	0	3	0	2	1
34	0500	A	SS	216			3	0	4	0	4	0	2	1
34	0500	B	GS	308	15	66	2	1	0	0	2	1	1	2
34	0500	C	GS	308	4	41	2	1	0	0	0	3	0	3
34	0500	D	GB	302	10	11.3	2	1	0	0	4	0	0	3
34	0500	O	SS	214			0	0	0	3	0	3	0	3
35	0100	A	SS	114			1	0	1	2	1	2	1	2
35	0100	B	SS	103			2	0	2	1	2	1	4	0
35	0100	C	SS	108			0	0	0	3	0	3	1	2
35	0100	D	SS	115			1	0	1	2	1	2	2	1
35	0100	E	SS	109	11	11	1	0	1	2	1	2	1	2
35	0100	F	SS	216			1	0	1	2	1	2	1	2
35	0100	G	SS	102			0	0	0	3	0	3	1	2
35	0100	I	GB	303	2.9	12.2	0	3	0	0	0	3	0	3
35	0500	A	SS	214			0	0	0	3	0	3	0	3
35	0500	B	GB	308	3.5	12	0	3	0	0	0	3	0	3
35	0800	A	SS	145			0	0	0	3	0	3	0	3
35	0800	B	GB	303	9.7	12.6	0	3	0	0	0	3	0	3
36	0800	A	SS	214	156	168	3	0	6	0	6	0	2	1
36	0800	C	SS	216	156	156	1	0	1	2	2	1	1	2
36	0800	D	GB	304	8.4	12.5	3	0	0	0	3	0	0	3
37	0200	A	SS	101			1	0	1	2	1	2	1	2
37	0200	B	SS	135			0	0	0	3	0	3	0	3
37	0200	C	SS	145			4	0	5	0	6	0	4	0
37	0200	D	SS	148			1	0	1	2	1	2	1	2
37	0200	E	GS	338	5	8	0	3	0	0	0	3	0	3
37	0200	F	GS	306	7	7	0	3	0	0	0	3	0	3

See notes at end of table.

Table 29. Material test needs to fill MAP data gaps for unbound layers by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
37	0200	G	GB	303	3.8	9.3	3	0	0	0	3	0	0	3
37	0800	A	SS	201			1	0	1	2	1	2	1	2
37	0800	B	SS	214			2	0	2	1	2	1	2	1
37	0800	C	GB	304	6.8	11.5	6	0	0	0	3	0	2	1
38	0200	A	SS	101			8	0	8	0	8	0	5	0
38	0200	B	GS	101	18	18	8	0	8	0	9	0	0	3
38	0200	C	GB	303	4	8	4	0	0	0	3	0	3	0
39	0100	A	SS	131			7	0	7	0	7	0	4	0
39	0100	B	GB	303	3.9	12	4	0	0	0	3	0	3	0
39	0200	A	SS	131	239	239	8	0	9	0	8	0	1	2
39	0200	B	GS	131	15	30	1	0	0	3	0	3	0	3
39	0200	C	GB	303	3.8	6.3	5	0	0	0	5	0	4	0
39	0800	A	SS	131			7	0	7	0	7	0	3	0
39	0800	B	GS	131	24	36	2	0	2	1	2	1	0	3
39	0800	C	GB	303	6.1	11.9	3	0	0	0	3	0	3	0
40	0100	B	SS	216	6	204	5	0	6	0	5	0	9	0
40	0100	E	GB	303	3.6	11.3	3	0	0	0	3	0	0	3
40	0500	A	SS	216			3	0	3	0	3	0	3	0
40	0500	B	SS	217			3	0	3	0	3	0	3	0
40	0600	A	SS	101			3	0	3	0	3	0	3	0
40	0600	B	GB	309	14.8	16.5	3	0	0	0	3	0	3	0
42	0600	A	SS	141	96	120	2	0	2	1	2	1	2	1
42	0600	B	GB	303	9	12	2	1	0	0	2	1	0	3
46	0600	A	SS	148			2	0	8	0	9	0	2	1
46	0600	B	SS	131			1	0	4	0	4	0	1	2
46	0800	A	SS	131			6	0	6	0	6	0	7	0
46	0800	D	GB	303	3	12	4	0	0	0	2	1	0	3
47	0600	A	SS	204			1	0	1	2	1	2	2	1
47	0600	B	SS	102			1	0	1	2	1	2	2	1
47	0600	C	SS	114			1	0	1	2	1	2	2	1
48	0100	B	SS	214			0	0	0	3	0	3	0	3
48	0100	K	GB	337	13.5	13.5	0	3	0	0	0	3	0	3

See notes at end of table.

Table 29. Material test needs to fill MAP data gaps for unbound layers by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
48	0800	A	SS	113			2	0	2	1	2	1	3	0
48	0800	B	GS	338	10	10	3	0	3	0	3	0	0	3
48	0800	C	GB	302	8.5	10.7	3	0	0	0	4	0	3	0
48	0800	F	SS	114			1	0	1	2	1	2	2	1
48	A500	A	SS	103			3	0	3	0	3	0	0	3
48	A800	A	SS	216	39.6	54	3	0	3	0	3	0	0	3
48	A800	B	GB	303	5	5	2	1	0	0	2	1	0	3
49	0800	A	SS	217	72	81.6	3	0	3	0	3	0	0	3
49	0800	B	GS	217	41.2	41.2	3	0	3	0	3	0	0	3
49	0800	C	GB	304	7.8	12	3	0	0	0	3	0	3	0
51	0100	A	SS	106			1	0	1	2	1	2	1	2
51	0100	C	SS	133			0	0	0	3	0	3	1	2
51	0100	D	SS	134			1	0	1	2	1	2	2	1
51	0100	E	SS	137			3	0	3	0	3	0	4	0
51	0100	F	SS	141			0	0	0	3	0	3	0	3
51	0100	H	SS	147			1	0	1	2	1	2	2	1
51	0100	J	GB	303	3.4	12.5	3	0	0	0	3	0	0	3
53	0200	A	SS	143	12	132	0	0	0	3	0	3	0	3
53	0200	B	SS	141	14.4	133	2	0	1	2	2	1	1	2
53	0200	C	GS	282	14.4	21.6	0	3	0	0	0	3	0	3
53	0200	D	GS	143	33	69.7	8	0	5	0	8	0	3	0
53	0200	E	GS	141	51.3	51.3	1	0	1	2	1	2	1	2
53	0200	F	GB	303	2	6.9	5	0	0	0	5	0	3	0
53	0800	A	SS	114			2	0	2	1	2	1	0	3
53	0800	B	SS	214			1	0	1	2	1	2	0	3
53	0800	C	GS	303	36	36	6	0	0	0	3	0	1	2
53	0800	D	GS	303	2.4	2.4	6	0	0	0	3	0	1	2
53	0800	E	GB	303	8	11.7	6	0	0	0	3	0	3	0
53	A800	A	SS	145			6	0	3	0	6	0	2	1
53	A800	B	GS	145	35.8	35.8	1	0	1	2	1	2	1	2
53	A800	C	GS	143	90.8	90.8	2	0	2	1	2	1	2	1
53	A800	D	GB	303	4.5	4.7	3	0	0	0	3	0	1	2

See notes at end of table.

Table 29. Material test needs to fill MAP data gaps for unbound layers by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
55	0100	A	SS	205			1	0	1	2	1	2	0	3
55	0100	B	SS	214			5	0	5	0	5	0	0	3
55	0100	C	GS	308	6.8	10	3	0	0	0	3	0	0	3
55	0100	D	GB	303	0.7	13.3	3	0	0	0	3	0	1	2
55	0100	J	GS	205	24	24	1	0	1	2	1	2	0	3
55	0200	A	SS	209			1	0	1	2	1	2	0	3
55	0200	B	GS	210	24	24	1	0	0	3	1	2	0	3
55	0200	C	SS	214			6	0	6	0	6	0	0	3
55	0200	D	SS	215			1	0	1	2	1	2	0	3
55	0200	E	GB	303	0.8	8.1	3	0	0	0	3	0	1	2
55	0200	F	GS	211	9.8	24	5	0	4	0	5	0	0	3
55	0200	G	GS	308	7.8	10	5	0	0	0	5	0	0	3
55	0800	A	SS	215			0	0	3	0	3	0	0	3
55	0800	B	GB	302	8	12	3	0	0	0	3	0	0	3
81	0500	A	SS	267			3	0	3	0	3	0	2	1
81	0500	B	GS	308	11	15	3	0	0	0	3	0	0	3
83	0500	A	SS	132			1	0	1	2	0	3	0	3
83	0500	B	SS	214			2	0	2	1	0	3	0	3
83	0500	C	SS	145			1	0	1	2	0	3	0	3
83	0500	D	SS	204			1	0	1	2	0	3	0	3
83	0500	E	GS	302	4	10	5	0	1	2	5	0	2	1
83	0500	F	GB	302	3.5	7	5	0	0	0	5	0	2	1
						Totals	**766**	**72**	**466**	**244**	**770**	**300**	**384**	**523**

Note: Thickness was not recorded for SS layers unless refusal was encountered during augering.

Table 30. Material test needs to fill MAP data gaps for asphalt treated base layers by project, project layer, and test.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
1	0100	G	TB	325	3.3	4.2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
1	0100	H	TB	319	3.9	12.4	0	3	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
4	0100	F	TB	319	4	12.1	4	0	4	0	3	0	4	0	4	0	4	0	4	0	4	0	0	3
4	0100	G	TB	325	3.8	4.6	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
4	0200	E	TB	319	3.8	3.9	2	1	2	1	0	3	2	1	2	1	1	2	1	2	1	2	0	3
4	0200	F	TB	325	3.8	4.4	0	3	4	0	0	3	0	3	0	3	0	3	0	3	1	2	0	3
5	0100	E	TB	325	2.9	3.7	0	3	2	1	0	3	0	3	0	3	0	3	0	3	2	1	0	3
5	0100	F	TB	319	4	12	5	0	5	0	2	1	5	0	5	0	5	0	5	0	5	0	0	3
5	0200	G	TB	325	2.4	4.3	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
6	0200	E	TB	325	3.4	3.8	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
8	0200	K	TB	325	3.8	4.6	6	0	6	0	0	3	0	3	0	3	0	3	0	3	6	0	0	3
8	0500	D	TB	321	1	4.1	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
10	0100	G	TB	319	4.1	12.3	1	2	2	1	2	1	3	0	3	0	1	2	1	2	2	1	1	2
10	0100	H	TB	325	3.4	4.2	0	3	2	1	0	3	0	3	0	3	0	3	0	3	2	1	0	3
10	0200	H	TB	325	3.7	4.7	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
12	0100	E	TB	325	3.9	4.1	0	3	1	2	0	3	0	3	0	3	0	3	0	3	1	2	0	3
12	0100	F	TB	319	4	12.4	3	0	3	0	2	1	6	0	3	0	3	0	3	0	3	0	0	3
13	0500	C	TB	319	11	15.6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
19	0100	I	TB	325	4.1	4.9	6	0	5	0	0	3	5	0	5	0	5	0	4	0	5	0	5	0
19	0100	J	TB	319	3.2	12.4	2	1	4	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
19	0200	F	TB	325	3.4	4.9	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
20	0200	D	TB	325	3.7	4.4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
22	0100	F	TB	325	3.6	4.2	3	0	3	0	0	3	0	3	0	3	3	0	0	3	3	0	0	3
22	0100	G	TB	319	3.4	11.3	2	1	3	0	2	1	5	0	3	0	3	0	0	3	3	0	0	3
26	0100	F	TB	325	4	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
26	0100	G	TB	319	4.3	12.2	1	2	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
26	0200	E	TB	325	4.1	4.3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
26	0200	F	TB	325	4	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
30	0100	C	TB	325	4.2	4.7	0	3	4	0	0	3	0	3	0	3	0	3	0	3	4	0	0	3
30	0100	D	TB	319	4.1	13.7	3	0	3	0	3	0	4	0	4	0	3	0	3	0	3	0	0	3
32	0100	F	TB	325	4	4.5	0	3	4	0	0	3	0	3	0	3	0	3	0	3	4	0	0	3
32	0100	G	TB	319	4.2	12.4	0	3	3	0	3	0	6	0	6	0	3	0	3	0	3	0	0	3
35	0100	J	TB	325	3.1	4.5	0	3	2	1	0	3	0	3	0	3	0	3	0	3	3	0	0	3
35	0100	K	TB	319	4	11.7	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0

Table 30. Material test needs to fill MAP data gaps for asphalt treated base layers by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
37	0200	H	TB	321	4.4	5.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
37	0200	I	TB	325	3.6	5.6	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
38	0200	E	TB	325	3.8	4.4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
39	0100	C	TB	325	3.9	4.3	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
39	0100	D	TB	319	3.7	11.8	3	0	3	0	1	2	3	0	3	0	3	0	3	0	3	0	3	0
39	0200	E	TB	325	3.8	4.4	0	3	4	0	0	3	0	3	0	3	0	3	0	3	4	0	0	3
40	0100	F	TB	319	3.9	11.7	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
40	0100	G	TB	325	4	5	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
40	0500	C	TB	320	5.8	10	0	3	3	0	2	1	0	3	0	3	0	3	0	3	2	1	0	3
51	0100	K	TB	319	3.9	12.5	3	0	3	0	1	2	3	0	3	0	3	0	3	0	3	0	0	3
51	0100	L	TB	325	3.4	4.4	0	3	3	0	0	3	0	3	0	3	0	3	0	3	4	0	0	3
53	0200	G	TB	325	3.5	3.9	0	3	4	0	0	3	0	3	0	3	0	3	0	3	4	0	0	3
53	0200	I	TB	319	2.8	2.8	1	2	1	2	1	2	2	1	2	1	1	2	1	2	1	2	0	3
55	0100	E	TB	319	4.6	12	1	2	3	0	0	3	1	2	1	2	1	2	1	2	3	0	0	3
55	0100	G	TB	325	3.3	4.9	0	3	1	2	0	3	0	3	0	3	0	3	0	3	1	2	0	3
55	0200	H	TB	325	3.1	4.2	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
81	0500	C	TB	321	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
						Totals	**52**	**110**	**120**	**47**	**35**	**118**	**58**	**109**	**53**	**109**	**48**	**110**	**41**	**116**	**116**	**50**	**18**	**137**

Table 31. Material test needs to fill MAP data gaps for PCC treated base layers by project, project layer, and test.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		PC01		PC02		PC03		PC04		PC08	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
4	0200	G	TB	334	6.1	6.2	31	0	0	3	0	3	0	3	0	3
4	0600	E	TB	331	2.7	4.9	0	3	0	3	0	3	0	3	0	3
5	0200	H	TB	334	6.1	7	8	0	0	3	0	3	0	3	0	3
5	A600	B	TB	339	5.7	6.7	3	0	0	3	0	3	0	3	0	3
6	0200	F	TB	334	5.9	6.6	34	0	0	3	0	3	0	3	0	3
6	0500	F	TB	331	3.8	5.8	0	3	0	3	0	3	0	3	0	3
6	0600	D	TB	331	4	8.1	0	3	0	3	0	3	0	3	0	3
8	0200	L	TB	334	6.1	6.7	50	0	0	3	0	3	0	3	0	3
10	0100	E	TB	331	5.6	5.6	0	3	0	3	0	3	0	3	0	3
10	0200	I	TB	334	5.5	6.9	41	0	1	2	0	3	0	3	0	3
19	0200	G	TB	334	6.4	6.9	36	0	0	3	0	3	0	3	0	3
20	0200	B	TS	340	6	6	0	3	0	3	0	3	0	3	0	3
20	0200	F	TB	331	6	6	1	2	0	3	0	3	0	3	0	3
20	0200	G	TB	334	5.9	6	22	0	0	3	0	3	0	3	0	3
24	0500	B	TS	338	5.9	8.9	0	3	0	3	0	3	0	3	0	3
24	0500	D	TB	331	3.5	4.3	0	3	0	3	0	3	0	3	0	3
26	0200	G	TB	334	5.8	6.9	34	0	0	3	0	3	0	3	0	3
32	0100	C	TS	338	12	12	0	3	0	3	0	3	0	3	0	3
37	0200	J	TB	334	5.6	6.7	16	0	0	3	0	3	0	3	0	3
38	0200	D	TB	334	6.5	6.7	33	0	0	3	0	3	0	3	0	3
39	0200	D	TB	331	4	4.2	2	1	2	1	0	3	1	2	0	3
39	0200	F	TB	334	5.9	6.3	35	0	0	3	0	3	0	3	0	3
40	0100	C	TS	338	8	8	0	3	0	3	0	3	0	3	0	3
46	0600	C	TB	331	3.6	5.6	0	3	0	3	0	3	0	3	0	3
46	0800	B	TS	338	2.5	2.5	0	3	0	3	0	3	0	3	0	3
47	0600	D	TB	339	6	7.5	0	3	0	3	0	3	0	3	0	3
48	0100	C	TS	338	24	24	0	3	0	3	0	3	0	3	0	3
48	A500	B	TS	338	8	8	0	3	0	3	0	3	0	3	0	3
53	0200	H	TB	334	6.1	6.5	48	0	0	3	0	3	0	3	0	3
55	0200	I	TB	331	7	7	0	3	0	3	0	3	0	3	0	3
55	0200	J	TB	334	5.9	6.2	28	0	0	3	0	3	0	3	0	3
						Totals	**422**	**48**	**3**	**90**	**0**	**93**	**1**	**92**	**0**	**93**

Table 32. Material test needs to fill MAP data gaps for unbound tests on treated base layers by project, project layer, and test.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Sieve and Hydrometer		Atterberg Limits		Resilient Modulus	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need
46	0800	C	TS	360	4	4	0	3	0	0	0	3	0	3
48	A500	C	TB	350	10.6	15	0	3	0	0	0	3	0	3
51	0100	I	TS	309	6	6	0	3	0	0	0	3	0	3
				Totals			**0**	**12**	**0**	**0**	**0**	**12**	**0**	**12**

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
1	0101	J	4	1.3	6	0	6	0
1	0101	I	3	6.2	6	0	6	0
1	0102	J	4	1.3	2	1	2	1
1	0102	I	3	2.9	2	1	2	1
1	0103	J	4	1.5	4	0	4	0
1	0103	I	3	3.1	4	0	4	0
1	0104	J	4	1.3	1	2	1	2
1	0104	I	3	5.2	1	2	1	2
1	0105	I	4	2.8	4	0	4	0
1	0105	J	5	1.4	4	0	4	0
1	0106	J	5	1.5	4	0	4	0
1	0106	I	4	5.7	4	0	4	0
1	0107	J	5	1.4	4	0	5	0
1	0107	I	4	3.2	4	0	4	0
1	0108	J	5	1.6	0	3	0	3
1	0108	I	4	5.7	0	3	2	1
1	0109	J	5	1.1	2	1	2	1
1	0109	I	4	6.5	2	1	2	1
1	0110	J	6	1.3	1	2	1	2
1	0110	I	5	6.6	1	2	1	2
1	0111	J	6	1.5	0	3	0	3
1	0111	I	5	2.5	0	3	0	3
1	0112	I	5	2.2	4	0	4	0
1	0112	J	6	1.2	4	0	3	0
1	0161	I	4	2.8	2	1	2	1
1	0161	J	5	1.3	2	1	2	1
1	0162	I	3	2.7	4	0	4	0
1	0162	J	4	1.4	4	0	4	0
1	0163	J	7	1.4	4	0	3	0
1	0163	I	6	2.9	4	0	4	0
1	0502	H	6	2	1	2	1	2
1	0502	F	5	0.9	1	2	1	2
1	0502	E	4	2.5	1	2	1	2
1	0503	H	7	1.8	1	2	1	2
1	0503	G	6	3.1	1	2	1	2
1	0503	F	5	0.8	1	2	1	2
1	0503	E	4	2.6	1	2	1	2
1	0504	J	7	2.1	1	2	1	2
1	0504	I	6	2.6	1	2	1	2
1	0504	F	5	1.1	1	2	1	2

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
1	0504	E	4	2.5	1	2	1	2
1	0505	J	6	2	4	0	4	0
1	0505	F	5	0.9	4	0	4	0
1	0505	E	4	2.4	4	0	4	0
1	0506	J	7	2	0	3	0	3
1	0506	I	6	1	0	3	0	3
1	0506	F	5	0	0	0	0	0
1	0506	E	4	2.2	0	3	0	3
1	0507	J	7	1.9	4	0	4	0
1	0507	I	6	3.8	4	0	4	0
1	0507	F	5	0	0	0	0	0
1	0507	E	4	2.2	4	0	4	0
1	0508	H	7	2	0	3	0	3
1	0508	G	6	3.7	0	3	0	3
1	0508	F	5	0	0	0	0	0
1	0508	E	4	2.6	0	3	0	3
1	0509	H	7	2	4	0	4	0
1	0509	G	6	1.6	4	0	4	0
1	0509	F	5	0	0	0	0	0
1	0509	E	4	2.2	4	0	4	0
1	0563	J	6	1.4	4	0	1	2
1	0563	F	5	0	0	0	0	0
1	0563	E	4	2.5	4	0	1	2
1	0564	H	6	1.1	0	3	0	3
1	0564	F	5	0	0	0	0	0
1	0564	E	4	2.3	0	3	0	3
1	0603	G	5	1.1	0	3	4	0
1	0603	F	4	2.5	0	3	4	0
1	0604	G	5	1.3	4	0	4	0
1	0604	F	4	2.7	4	0	4	0
1	0606	G	5	1.3	0	3	4	0
1	0606	F	4	2.2	0	3	4	0
1	0607	G	5	1.3	4	0	4	0
1	0607	F	4	3	4	0	4	0
1	0608	G	6	1.5	4	0	4	0
1	0608	F	5	2.2	4	0	4	0
1	0608	E	4	4.5	4	0	4	0
1	0661	G	5	1.1	4	0	4	0
1	0661	F	4	2.3	4	0	4	0
1	0662	G	6	1.4	4	0	4	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
1	0662	F	5	2.2	4	0	4	0
1	0662	E	4	4	4	0	4	0
1	0663	G	5	1.6	4	0	3	0
1	0663	F	4	7.4	4	0	4	0
4	0113	H	3	4.4	6	0	6	0
4	0113	N	4	0.5	0	3	0	3
4	0114	H	3	6.8	6	0	6	0
4	0114	N	4	0.5	0	3	0	3
4	0115	H	3	6.6	5	0	4	0
4	0116	H	3	4	4	0	4	0
4	0116	N	4	0.5	0	3	0	3
4	0117	H	4	7.4	10	0	6	0
4	0118	H	4	3.9	5	0	6	0
4	0118	N	5	0.5	0	3	0	3
4	0119	H	4	6.3	4	0	4	0
4	0120	H	4	4	4	0	4	0
4	0120	N	5	0.5	0	3	0	3
4	0121	H	4	4.1	10	0	6	0
4	0121	N	5	0.5	0	3	0	3
4	0122	H	5	4.2	4	0	4	0
4	0122	N	6	0.5	0	3	0	3
4	0123	H	4	6.8	10	0	6	0
4	0124	H	4	6.7	4	0	4	0
4	0161	H	3	5.7	6	0	6	0
4	0161	N	4	0.5	0	3	0	3
4	0162	H	2	8.5	6	0	6	0
4	0162	N	3	0.5	0	3	0	3
4	0163	M	3	1	0	3	0	3
4	0260	H	3	9.4	6	0	6	0
4	0261	H	3	8.9	6	0	6	0
4	0501	E	4	0.9	0	3	0	3
4	0501	D	3	4.1	0	3	0	3
4	0502	G	5	2.7	4	0	4	0
4	0502	E	4	0	13	0	0	0
4	0502	D	3	3.7	13	0	6	0
4	0503	G	5	4.7	6	0	6	0
4	0503	E	4	0	7	0	0	0
4	0503	D	3	4.2	7	0	1	2
4	0504	I	5	4.8	6	0	6	0
4	0504	E	4	0	15	0	1	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
4	0504	D	3	4.3	15	0	5	0
4	0505	I	5	2.8	4	0	4	0
4	0505	E	4	0	5	0	0	0
4	0505	D	3	4.1	5	0	1	2
4	0506	I	6	2.4	4	0	3	0
4	0506	H	5	2.8	4	0	1	2
4	0506	E	4	0	5	0	0	0
4	0506	D	3	3	5	0	1	2
4	0507	I	6	4.1	6	0	6	0
4	0507	H	5	2.7	6	0	0	3
4	0507	E	4	0	8	0	0	0
4	0507	D	3	2.4	8	0	2	1
4	0508	G	6	4.1	6	0	6	0
4	0508	F	5	2.4	6	0	0	3
4	0508	E	4	0	6	0	0	0
4	0508	D	3	2.7	6	0	0	3
4	0509	G	6	1.3	4	0	4	0
4	0509	F	5	2.6	4	0	0	3
4	0509	E	4	0	6	0	0	0
4	0509	D	3	2.6	6	0	2	1
4	0559	G	6	3	0	3	0	3
4	0559	I	5	3	0	3	0	3
4	0559	E	4	0	2	0	0	0
4	0559	D	3	1.7	2	1	2	1
4	0560	J	5	2.2	0	3	3	0
4	0560	E	4	0	1	0	0	0
4	0560	D	3	4.1	1	2	0	3
4	0603	J	6	0.5	4	0	0	3
4	0603	G	5	3.5	4	0	4	0
4	0604	J	6	0.4	4	0	0	3
4	0604	G	5	3.6	4	0	4	0
4	0606	J	6	0.4	4	0	0	3
4	0606	G	5	4.3	4	0	4	0
4	0607	J	7	0.3	4	0	0	3
4	0607	G	6	4.3	4	0	4	0
4	0608	J	7	0.4	4	0	0	3
4	0608	G	6	8.4	4	0	4	0
4	0659	J	6	0.5	0	3	0	3
4	0659	G	5	4	0	3	0	3
4	0660	J	6	0.5	0	3	0	3

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
4	0660	G	5	8	0	3	0	3
4	0661	J	7	0.5	0	3	0	3
4	0661	I	6	2	0	3	0	3
4	0661	G	5	2	0	3	0	3
4	0662	J	8	0.5	0	3	0	3
4	0662	G	7	2	0	3	0	3
4	0662	I	6	2	0	3	0	3
4	0663	G	5	2	0	3	0	3
4	0664	J	7	0.5	0	3	0	3
4	0664	I	6	2.5	0	3	0	3
4	0664	G	5	3	0	3	0	3
4	0665	J	7	0.5	0	3	0	3
4	0665	I	6	2.5	0	3	0	3
4	0665	G	5	3	0	3	0	3
4	0666	J	7	0.5	0	3	0	3
4	0666	I	6	2.5	0	3	0	3
4	0666	G	5	3	0	3	0	3
4	0667	J	7	0.5	0	3	0	3
4	0667	I	6	2.5	0	3	0	3
4	0667	G	5	3	0	3	0	3
4	0668	J	7	0.5	0	3	0	3
4	0668	I	6	2.5	0	3	0	3
4	0668	G	5	3	0	3	0	3
4	0669	J	7	0.5	0	3	0	3
4	0669	I	6	2.5	0	3	0	3
4	0669	G	5	3	0	3	0	3
5	0113	H	4	1.6	9	0	6	0
5	0113	G	3	2.4	9	0	6	0
5	0114	H	4	1.5	6	0	4	0
5	0114	G	3	5.5	6	0	4	0
5	0115	H	4	1.8	4	0	4	0
5	0115	G	3	5.1	4	0	4	0
5	0116	H	4	1.6	4	0	4	0
5	0116	G	3	2.5	4	0	4	0
5	0117	H	5	1.8	12	0	5	0
5	0117	G	4	5.2	12	0	5	0
5	0118	H	5	1.5	6	0	6	0
5	0118	G	4	2.6	6	0	6	0
5	0119	H	5	1.5	6	0	6	0
5	0119	G	4	5.5	6	0	6	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
5	0120	H	5	1.6	6	0	6	0
5	0120	G	4	2.9	6	0	6	0
5	0121	H	5	1.7	4	0	4	0
5	0121	G	4	2.8	4	0	4	0
5	0122	H	6	1.9	4	0	4	0
5	0122	G	5	2.5	4	0	4	0
5	0123	H	6	1.9	4	0	4	0
5	0123	G	5	5.3	4	0	4	0
5	0124	G	5	5.3	6	0	6	0
5	0124	H	6	1.6	6	0	5	0
5	0803	G	4	1.2	12	0	4	0
5	0803	I	3	2.5	12	0	8	0
5	0804	G	4	1.5	14	0	8	0
5	0804	I	3	5.7	14	0	8	0
5	A603	E	5	2.1	4	0	0	3
5	A603	D	4	2.8	4	0	0	3
5	A604	E	5	2.1	6	0	0	3
5	A604	D	4	2.7	6	0	0	3
5	A606	E	5	1.8	2	1	0	3
5	A606	D	4	3	2	1	1	2
5	A607	E	5	3.2	0	3	0	3
5	A607	D	4	1.5	0	3	0	3
5	A608	E	5	4.7	0	3	0	3
5	A608	D	4	4.7	0	3	0	3
6	0501	J	6	1.8	0	3	0	3
6	0501	H	5	0.5	2	1	0	3
6	0501	G	4	4.3	2	1	2	1
6	0501	V	7	0.1	0	3	0	3
6	0502	J	6	3	0	3	0	3
6	0502	H	5	0	9	0	0	0
6	0502	G	4	3.7	9	0	7	0
6	0502	V	7	0.1	0	3	0	3
6	0503	J	6	6.5	0	3	0	3
6	0503	H	5	0	1	0	0	0
6	0503	G	4	3.5	1	2	1	2
6	0503	V	7	0.1	0	3	0	3
6	0504	O	6	5.7	0	3	0	3
6	0504	H	5	0	1	0	0	0
6	0504	G	4	3.6	1	2	1	2
6	0505	O	6	3.6	0	3	0	3

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
6	0505	H	5	0	1	0	0	0
6	0505	G	4	4	1	2	1	2
6	0505	V	7	0.1	0	3	0	3
6	0506	O	7	2.2	0	3	0	3
6	0506	K	6	2.1	0	3	0	3
6	0506	H	5	0	1	0	0	0
6	0506	G	4	3.6	1	2	1	2
6	0506	V	8	0.1	0	3	0	3
6	0507	O	7	4.7	0	3	0	3
6	0507	K	6	2	0	3	0	3
6	0507	H	5	0	9	0	0	0
6	0507	G	4	3.7	9	0	7	0
6	0508	J	7	4.5	0	3	0	3
6	0508	I	6	2.1	0	3	0	3
6	0508	H	5	0	1	0	0	0
6	0508	G	4	4.1	1	2	0	3
6	0508	V	8	0.1	0	3	0	3
6	0509	J	7	2	0	3	0	3
6	0509	I	6	2.4	0	3	0	3
6	0509	H	5	0	1	0	0	0
6	0509	G	4	3.9	1	2	1	2
6	0509	V	8	0.1	0	3	0	3
6	0559	V	9	0.1	0	3	0	3
6	0559	N	7	4	0	3	0	3
6	0559	K	6	2	0	3	0	3
6	0559	H	5	0	0	0	0	0
6	0559	G	4	2	0	3	0	3
6	0559	O	8	2	0	3	0	3
6	0560	T	8	0.3	0	3	0	3
6	0560	O	7	2	0	3	0	3
6	0560	K	6	2	0	3	0	3
6	0560	H	5	0	0	0	0	0
6	0560	G	4	2.7	0	3	0	3
6	0561	O	8	2	0	3	0	3
6	0561	K	6	2	0	3	0	3
6	0561	H	5	0	0	0	0	0
6	0561	G	4	3	0	3	0	3
6	0562	P	8	2	0	3	0	3
6	0562	K	6	2	0	3	0	3
6	0562	H	5	0	0	0	0	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
6	0562	G	4	3.2	0	3	0	3
6	0563	P	7	2	0	3	0	3
6	0563	K	6	2	0	3	0	3
6	0563	H	5	0	0	0	0	0
6	0563	G	4	3.3	0	3	0	3
6	0563	V	8	0.1	0	3	0	3
6	0564	P	8	2	0	3	0	3
6	0564	M	7	0.3	0	3	0	3
6	0564	K	6	2	0	3	0	3
6	0564	H	5	0	0	0	0	0
6	0564	G	4	3	0	3	0	3
6	0565	V	9	0.1	0	3	0	3
6	0565	O	8	2	0	3	0	3
6	0565	M	7	0.3	0	3	0	3
6	0565	K	6	2	0	3	0	3
6	0565	H	5	0	0	0	0	0
6	0565	G	4	3.2	0	3	0	3
6	0566	Q	9	0.7	0	3	0	3
6	0566	M	8	0.3	0	3	0	3
6	0566	O	7	2	0	3	0	3
6	0566	K	6	2	0	3	0	3
6	0566	H	5	0	0	0	0	0
6	0566	G	4	2.8	0	3	0	3
6	0567	Q	8	0.7	0	3	0	3
6	0567	O	7	2	0	3	0	3
6	0567	K	6	2	0	3	0	3
6	0567	H	5	0	0	0	0	0
6	0567	G	4	3	0	3	0	3
6	0568	V	8	0.1	0	3	0	3
6	0568	O	7	4	0	3	0	3
6	0568	K	6	2	0	3	0	3
6	0568	H	5	0	0	0	0	0
6	0568	G	4	2.9	0	3	0	3
6	0569	R	8	1.8	0	3	0	3
6	0569	J	7	1.8	0	3	0	3
6	0569	N	6	3.6	0	3	0	3
6	0569	H	5	0	0	0	0	0
6	0569	G	4	2.3	0	3	0	3
6	0569	V	9	0.1	0	3	0	3
6	0570	S	8	1.8	0	3	0	3

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
6	0570	J	7	1.8	0	3	0	3
6	0570	N	6	3.6	0	3	0	3
6	0570	H	5	0	0	0	0	0
6	0570	G	4	1.7	0	3	0	3
6	0570	V	9	0.1	0	3	0	3
6	0571	J	8	1.8	0	3	0	3
6	0571	U	7	4.2	0	3	0	3
6	0571	N	6	3.6	0	3	0	3
6	0571	H	5	0	0	0	0	0
6	0571	G	4	1.2	0	3	0	3
6	0571	V	9	0.1	0	3	0	3
6	0603	K	4	3.8	0	3	0	3
6	0604	K	4	4.5	0	3	0	3
6	0606	K	4	3.1	0	3	0	3
6	0607	K	4	3.7	0	3	0	3
6	0608	K	4	8.1	0	3	0	3
6	0659	K	4	4.2	0	3	0	3
6	0660	K	6	3	0	3	0	3
6	0660	J	4	1.2	0	3	0	3
6	0661	K	6	3	0	3	0	3
6	0661	J	4	1.2	0	3	0	3
6	0664	K	6	3	0	3	0	3
6	0664	J	4	1.2	0	3	0	3
6	A805	C	3	3.9	8	0	7	0
6	A806	C	3	6.8	5	0	5	0
8	0501	F	4	1.3	6	0	0	3
8	0501	E	3	6.9	7	0	1	2
8	0502	H	5	2.5	4	0	4	0
8	0502	F	4	1.3	4	0	0	3
8	0502	E	3	5.4	5	0	0	3
8	0503	H	5	4.6	6	0	6	0
8	0503	F	4	0.9	6	0	0	3
8	0503	E	3	5.2	7	0	0	3
8	0504	K	5	5.1	6	0	6	0
8	0504	F	4	0.6	6	0	0	3
8	0504	E	3	4.1	7	0	1	2
8	0505	K	5	2.5	4	0	4	0
8	0505	F	4	0.7	4	0	0	3
8	0505	E	3	6.5	13	0	7	0
8	0506	K	5	1.7	4	0	4	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
8	0506	I	4	2	4	0	0	3
8	0506	E	3	4.5	5	0	0	3
8	0507	K	5	4.8	6	0	6	0
8	0507	I	4	2	6	0	0	3
8	0507	E	3	3.8	7	0	0	3
8	0508	H	5	5.1	6	0	6	0
8	0508	G	4	2.8	6	0	0	3
8	0508	E	3	2.3	8	0	2	1
8	0509	H	5	2.3	4	0	4	0
8	0509	G	4	2	4	0	0	3
8	0509	E	3	3.1	13	0	7	0
8	0559	K	5	2.6	4	0	3	0
8	0559	J	4	4.1	4	0	0	3
8	0559	E	3	6.5	6	0	2	1
8	0560	L	5	1.9	4	0	4	0
8	0560	J	4	4.2	4	0	0	3
8	0560	E	3	5.7	4	0	0	3
10	0101	K	6	1	0	3	0	3
10	0101	J	5	1.3	6	0	6	0
10	0101	I	4	5.8	6	0	6	0
10	0102	K	6	1	0	3	0	3
10	0102	J	5	1.4	4	0	4	0
10	0102	I	4	2.7	4	0	3	0
10	0103	K	6	1	0	3	0	3
10	0103	J	5	1.5	4	0	3	0
10	0103	I	4	3.3	4	0	3	0
10	0104	K	6	1	0	3	0	3
10	0104	J	5	1.3	0	3	1	2
10	0104	I	4	5.4	0	3	0	3
10	0105	K	7	1	0	3	0	3
10	0105	J	6	1.3	6	0	6	0
10	0105	I	5	3.1	6	0	6	0
10	0106	K	7	1	0	3	0	3
10	0106	J	6	0.7	5	0	5	0
10	0106	I	5	6	5	0	5	0
10	0107	K	7	1	0	3	1	2
10	0107	J	6	1.2	5	0	6	0
10	0107	I	5	3.6	6	0	6	0
10	0108	K	7	1	0	3	0	3
10	0108	J	6	1.1	6	0	6	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
10	0108	I	5	5.9	6	0	6	0
10	0109	K	7	1	0	3	0	3
10	0109	J	6	1.1	1	2	1	2
10	0109	I	5	6.2	1	2	1	2
10	0110	K	8	1	0	3	0	3
10	0110	J	7	2	2	1	2	1
10	0110	I	6	5.2	1	2	2	1
10	0111	K	8	1	0	3	0	3
10	0111	J	7	1.2	1	2	1	2
10	0111	I	6	2.5	1	2	1	2
10	0112	K	8	1	0	3	0	3
10	0112	J	7	1.4	5	0	5	0
10	0112	I	6	3.1	4	0	4	0
10	0159	K	7	1	0	3	0	3
10	0159	J	6	1	3	0	3	0
10	0159	I	5	4.7	3	0	3	0
10	0160	K	7	1	0	3	0	3
10	0160	J	6	1.2	1	2	1	2
10	0160	I	5	6	1	2	1	2
12	0101	I	4	2	5	0	5	0
12	0101	H	3	4.8	5	0	5	0
12	0102	I	4	1.9	4	0	4	0
12	0102	H	3	1.9	4	0	4	0
12	0103	I	4	2	6	0	6	0
12	0103	H	3	2.1	6	0	6	0
12	0104	I	4	1.9	4	0	4	0
12	0104	H	3	4.9	4	0	4	0
12	0105	H	4	1.9	4	0	4	0
12	0105	I	5	2	4	0	4	0
12	0106	I	5	2.1	6	0	6	0
12	0106	H	4	5	6	0	6	0
12	0107	H	4	3.8	5	0	5	0
12	0108	I	5	2.1	4	0	4	0
12	0108	H	4	4.3	4	0	4	0
12	0109	I	5	2.1	6	0	6	0
12	0109	H	4	5.2	6	0	6	0
12	0110	I	6	2.1	4	0	4	0
12	0110	H	5	5.2	4	0	4	0
12	0111	H	5	2.1	4	0	4	0
12	0111	I	6	1.8	4	0	2	1

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
12	0112	H	5	2	6	0	6	0
12	0112	I	6	2	6	0	6	0
12	0161	I	4	2.1	4	0	4	0
12	0161	H	3	1.9	4	0	4	0
12	0502	G	7	0.8	4	0	0	3
12	0502	E	6	1.8	4	0	4	0
12	0502	K	5	0	0	0	4	0
12	0502	D	4	1.7	5	0	4	0
12	0503	F	7	3.1	6	0	0	3
12	0503	E	6	2.2	6	0	6	0
12	0503	K	5	0	0	0	6	0
12	0503	D	4	2.3	10	0	3	0
12	0504	H	7	1.5	6	0	0	3
12	0504	K	5	0	0	0	6	0
12	0504	I	6	3.6	6	0	6	0
12	0504	D	4	2.2	8	0	0	3
12	0505	J	7	0.8	4	0	0	3
12	0505	H	6	1.3	4	0	4	0
12	0505	K	5	0	0	0	4	0
12	0505	D	4	2.2	6	0	4	0
12	0506	J	7	1.1	4	0	0	3
12	0506	H	6	1.9	4	0	4	0
12	0506	D	4	1.7	9	0	7	0
12	0506	K	5	0	0	0	4	0
12	0507	H	7	4.5	6	0	0	3
12	0507	K	5	0	0	0	6	0
12	0507	I	6	2.1	6	0	6	0
12	0507	D	4	0.6	10	0	9	0
12	0508	E	7	4.4	6	0	0	3
12	0508	F	6	2.7	6	0	6	0
12	0508	D	4	0.5	8	0	6	0
12	0508	K	5	0	0	0	6	0
12	0509	G	7	1	4	0	0	3
12	0509	K	5	0	0	0	4	0
12	0509	E	6	3.1	4	0	4	0
12	0509	D	4	0.7	6	0	4	0
12	0561	G	7	1	4	0	0	3
12	0561	E	6	2.8	4	0	4	0
12	0561	K	5	0	0	0	4	0
12	0561	D	4	2.1	4	0	4	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
12	0562	J	7	1	4	0	0	3
12	0562	H	6	2.6	4	0	4	0
12	0562	K	5	0	0	0	4	0
12	0562	D	4	1.9	6	0	4	0
12	0563	J	7	0.9	4	0	0	3
12	0563	H	6	1.3	4	0	4	0
12	0563	K	5	0	0	0	4	0
12	0563	D	4	0.5	8	0	7	0
12	0564	G	7	0.6	4	0	0	3
12	0564	E	6	1.4	4	0	4	0
12	0564	K	5	0	0	0	4	0
12	0564	D	4	0.6	6	0	4	0
12	0565	G	8	1.1	4	0	0	3
12	0565	E	7	2.2	4	0	4	0
12	0565	F	6	2.6	4	0	4	0
12	0565	K	5	0	0	0	4	0
12	0565	D	4	0.5	6	0	4	0
12	0566	J	8	1	3	0	0	3
12	0566	H	7	2.2	4	0	4	0
12	0566	I	6	2.3	4	0	4	0
12	0566	K	5	0	0	0	4	0
12	0566	D	4	0.3	4	0	2	1
13	0501	E	5	0.8	0	3	0	3
13	0501	D	4	1.8	0	3	0	3
13	0502	J	7	1	4	0	0	3
13	0502	I	6	1.6	4	0	4	0
13	0502	E	5	0	2	0	0	0
13	0502	D	4	1.4	6	0	5	0
13	0503	J	8	1.1	5	0	2	1
13	0503	I	7	1.4	6	0	5	0
13	0503	H	6	3.7	6	0	6	0
13	0503	E	5	0	2	0	0	0
13	0503	D	4	1.2	7	0	4	0
13	0504	J	8	1	6	0	1	2
13	0504	G	7	1.4	6	0	6	0
13	0504	F	6	3.9	6	0	5	0
13	0504	E	5	0	2	0	0	0
13	0504	D	4	1.3	8	0	4	0
13	0505	J	7	1	4	0	0	3
13	0505	G	6	2	4	0	4	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
13	0505	E	5	0	2	0	1	0
13	0505	D	4	1.6	6	0	5	0
13	0506	J	8	0.9	4	0	0	3
13	0506	G	7	1.8	4	0	4	0
13	0506	F	6	2.4	4	0	4	0
13	0506	E	5	0	2	0	0	0
13	0506	D	4	0	2	0	2	0
13	0507	J	8	0.8	6	0	0	3
13	0507	G	7	1.3	5	0	6	0
13	0507	F	6	5	5	0	6	0
13	0507	E	5	0	4	0	0	0
13	0507	D	4	1	8	0	4	0
13	0508	J	8	1	6	0	0	3
13	0508	I	7	1.4	6	0	6	0
13	0508	H	6	5.3	6	0	6	0
13	0508	E	5	0	2	0	0	0
13	0508	D	4	0	2	0	2	0
13	0509	E	5	0	5	0	0	0
13	0509	D	4	0.2	5	0	5	0
13	0509	J	8	1	4	0	0	3
13	0509	I	7	2.2	4	0	4	0
13	0509	H	6	1.9	4	0	3	0
13	0560	J	8	0.9	0	3	0	3
13	0560	G	7	1.2	0	3	0	3
13	0560	F	6	1	0	3	0	3
13	0560	E	5	0	2	0	0	0
13	0560	D	4	1.1	2	1	2	1
13	0561	J	8	1.2	4	0	0	3
13	0561	I	7	1.2	0	3	5	0
13	0561	H	6	1.9	0	3	3	0
13	0561	E	5	0	2	0	0	0
13	0561	D	4	1.7	6	0	6	0
13	0562	J	8	1	4	0	1	2
13	0562	G	7	1.3	4	0	3	0
13	0562	F	6	2.2	4	0	3	0
13	0562	E	5	0	2	0	0	0
13	0562	D	4	1.4	5	0	4	0
13	0563	J	7	1	0	3	0	3
13	0563	G	6	2.2	0	3	0	3
13	0563	E	5	0	4	0	0	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
13	0563	D	4	0	4	0	4	0
13	0564	J	7	0.9	0	3	0	3
13	0564	I	6	2.3	0	3	0	3
13	0564	E	5	0	2	0	0	0
13	0564	D	4	0	2	0	2	0
13	0565	J	8	1	4	0	1	2
13	0565	I	7	1.1	4	0	3	0
13	0565	H	6	3.9	4	0	4	0
13	0565	E	5	0	5	0	1	0
13	0565	D	4	1.6	9	0	8	0
13	0566	J	8	0.9	4	0	0	3
13	0566	G	7	1.3	4	0	4	0
13	0566	F	6	4.1	4	0	4	0
13	0566	E	5	0	2	0	0	0
13	0566	D	4	0	2	0	2	0
13	0567	E	5	0.6	2	1	0	3
13	0567	D	4	2	2	1	2	1
17	0603	H	5	1.5	4	0	4	0
17	0603	G	4	2.2	4	0	4	0
17	0604	H	5	1.4	0	3	4	0
17	0604	G	4	2.3	0	3	4	0
17	0606	H	5	1.5	4	0	4	0
17	0606	G	4	1.6	4	0	4	0
17	0607	H	5	1.4	4	0	4	0
17	0607	G	4	2.3	4	0	4	0
17	0608	H	5	1.6	4	0	4	0
17	0608	G	4	5.2	4	0	4	0
17	0659	H	5	1.5	0	3	0	3
17	0659	G	4	1.8	0	3	0	3
17	0662	H	5	1.5	0	3	0	3
17	0662	G	4	2	0	3	0	3
17	0663	H	5	1.5	0	3	0	3
17	0663	G	4	6.5	0	3	0	3
17	0664	H	5	1.5	0	3	0	3
17	0664	G	4	4.5	0	3	0	3
18	0603	E	5	1	2	1	0	3
18	0603	D	4	3	2	1	0	3
18	0604	E	5	1	1	2	0	3
18	0604	D	4	3	1	2	0	3
18	0606	E	5	1	3	0	0	3

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
18	0606	D	4	3	3	0	0	3
18	0607	E	5	1	0	3	0	3
18	0607	D	4	3	0	3	0	3
18	0608	F	6	1	0	3	0	3
18	0608	E	5	2	2	1	0	3
18	0608	D	4	5	2	1	0	3
18	0659	F	6	1	0	3	0	3
18	0659	E	5	2	0	3	0	3
18	0659	D	4	2.5	0	3	0	3
18	0660	F	6	1	0	3	0	3
18	0660	E	5	2	0	3	0	3
18	0660	D	4	2.5	0	3	0	3
18	0661	E	5	1	0	3	0	3
18	0661	D	4	3	0	3	0	3
18	0662	F	6	1	0	3	0	3
18	0662	E	5	2	0	3	0	3
18	0662	D	4	7	0	3	0	3
18	0663	F	6	1	0	3	0	3
18	0663	E	5	2	0	3	0	3
18	0663	D	4	2.5	0	3	0	3
18	0664	F	6	1	0	3	0	3
18	0664	E	5	2	0	3	0	3
18	0664	D	4	2.5	0	3	0	3
18	0665	F	6	1	0	3	0	3
18	0665	E	5	2	0	3	0	3
18	0665	D	4	2.5	0	3	0	3
18	0666	F	6	1	0	3	0	3
18	0666	E	5	2	0	3	0	3
18	0666	D	4	2.5	0	3	0	3
18	0667	F	6	1	0	3	0	3
18	0667	E	5	2	0	3	0	3
18	0667	D	4	2.5	0	3	0	3
18	0668	F	6	1	0	3	0	3
18	0668	E	5	2	0	3	0	3
18	0668	D	4	2.5	0	3	0	3
18	0669	E	5	1	0	3	0	3
18	0669	D	4	3	0	3	0	3
18	0670	E	5	1	0	3	0	3
18	0670	D	4	3	0	3	0	3
18	0671	E	5	1	0	3	0	3

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
18	0671	D	4	3	0	3	0	3
18	0672	F	6	1	0	3	0	3
18	0672	E	5	2	0	3	0	3
18	0672	D	4	2.5	0	3	0	3
19	0101	L	5	2	10	0	4	0
19	0101	K	4	6	10	0	4	0
19	0102	L	5	1.9	4	0	0	3
19	0102	K	4	3.2	4	0	0	3
19	0103	L	5	2.1	4	0	0	3
19	0103	K	4	1.7	5	0	0	3
19	0104	L	5	1.8	5	0	0	3
19	0104	K	4	5.2	5	0	0	3
19	0105	L	6	1.8	6	0	4	0
19	0105	K	5	1.7	10	0	4	0
19	0106	L	6	1.8	7	0	4	0
19	0106	K	5	5	11	0	4	0
19	0108	L	6	1.9	5	0	3	0
19	0108	K	5	4	9	0	2	1
19	0109	L	6	2.5	4	0	0	3
19	0109	K	5	5	4	0	0	3
19	0110	L	6	2.5	4	0	0	3
19	0110	K	5	5.4	5	0	0	3
19	0111	L	6	2.5	4	0	0	3
19	0111	K	5	1.9	4	0	0	3
19	0112	L	6	2.5	6	0	4	0
19	0112	K	5	2.1	10	0	4	0
19	0159	L	6	1.5	0	3	0	3
19	0159	K	5	2.5	0	3	0	3
19	0603	F	5	2	0	3	0	3
19	0603	E	4	2.2	0	3	0	3
19	0604	F	5	2	0	3	0	3
19	0604	E	4	2.2	0	3	0	3
19	0606	F	5	1.8	0	3	0	3
19	0606	E	4	2.3	0	3	0	3
19	0607	F	5	1.8	0	3	0	3
19	0607	E	4	2.3	0	3	0	3
19	0608	F	5	4	0	3	0	3
19	0608	E	4	4	0	3	0	3
19	0659	F	5	2	0	3	0	3
19	0659	E	4	2	0	3	0	3

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
22	0113	I	5	1.5	6	0	4	0
22	0113	H	4	3.4	6	0	4	0
22	0114	I	5	1.4	4	0	0	3
22	0114	H	4	8.1	4	0	0	3
22	0115	I	5	1.7	4	0	1	2
22	0115	H	4	5.3	4	0	1	2
22	0116	I	5	1.9	4	0	1	2
22	0116	H	4	2.8	4	0	1	2
22	0117	I	6	1.5	6	0	3	0
22	0117	H	5	5.5	6	0	4	0
22	0118	I	6	1.7	10	0	4	0
22	0118	H	5	2.7	10	0	4	0
22	0119	I	6	1.9	8	0	2	1
22	0119	H	5	5.2	9	0	4	0
22	0120	I	6	1.8	10	0	3	0
22	0120	H	5	2.1	10	0	4	0
22	0121	I	6	1.8	4	0	0	3
22	0121	H	5	2.5	4	0	0	3
22	0122	I	7	1.5	4	0	1	2
22	0122	H	6	3.1	4	0	1	2
22	0123	I	7	1.2	4	0	0	3
22	0123	H	6	5.6	4	0	0	3
22	0124	I	7	1.3	10	0	4	0
22	0124	H	6	5.9	10	0	4	0
23	0501	H	7	0.4	2	1	2	1
23	0501	G	6	2	2	1	2	1
23	0501	F	5	2.9	2	1	2	1
23	0501	E	4	3.1	2	1	2	1
23	0502	N	8	3	4	0	4	0
23	0502	H	7	0.6	10	0	1	2
23	0502	G	6	2.2	10	0	6	0
23	0502	F	5	2.8	10	0	6	0
23	0502	E	4	3.5	10	0	6	0
23	0503	N	9	2.1	14	0	7	0
23	0503	L	8	3	14	0	7	0
23	0503	H	7	0.5	16	0	2	1
23	0503	G	6	2.1	16	0	9	0
23	0503	F	5	3	7	0	2	1
23	0503	E	4	3.6	7	0	2	1
23	0504	M	9	2.2	14	0	7	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
23	0504	K	8	3.5	14	0	7	0
23	0504	H	7	0.5	16	0	2	1
23	0504	G	6	2.1	16	0	9	0
23	0504	F	5	3	7	0	2	1
23	0504	E	4	3.1	7	0	2	1
23	0505	M	8	2.7	4	0	4	0
23	0505	H	7	0.5	6	0	2	1
23	0505	G	6	2.2	6	0	2	1
23	0505	F	5	2.7	6	0	2	1
23	0505	E	4	3	6	0	2	1
23	0506	M	9	2.1	4	0	4	0
23	0506	I	8	2	4	0	4	0
23	0506	H	7	0	5	0	0	0
23	0506	G	6	1.1	9	0	5	0
23	0506	F	5	2.8	9	0	5	0
23	0506	E	4	3	9	0	5	0
23	0507	M	10	2.1	14	0	6	0
23	0507	K	9	3.2	14	0	6	0
23	0507	I	8	2.1	14	0	6	0
23	0507	H	7	0	2	0	2	0
23	0507	G	6	1	16	0	2	1
23	0507	F	5	3	8	0	2	1
23	0507	E	4	2.9	8	0	2	1
23	0508	N	10	1.9	14	0	7	0
23	0508	L	9	3.1	14	0	7	0
23	0508	J	8	1.9	14	0	7	0
23	0508	H	7	0	6	0	1	0
23	0508	G	6	1.3	19	0	10	0
23	0508	F	5	2.9	13	0	6	0
23	0508	E	4	3	12	0	6	0
23	0509	N	9	2.1	4	0	4	0
23	0509	J	8	1.7	4	0	4	0
23	0509	H	7	0	2	0	2	0
23	0509	G	6	1.1	6	0	2	1
23	0509	F	5	2.7	6	0	2	1
23	0509	E	4	3.2	6	0	2	1
23	0559	M	9	1.8	14	0	6	0
23	0559	I	8	1.3	14	0	14	0
23	0559	H	7	0.5	20	0	1	2
23	0559	G	6	2.1	20	0	12	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
23	0559	F	5	2.9	20	0	12	0
23	0559	E	4	3.3	13	0	6	0
24	0501	G	7	1	2	1	1	2
24	0501	F	6	1.6	2	1	2	1
24	0501	E	5	2	2	1	2	1
24	0504	K	9	2.3	6	0	6	0
24	0504	J	8	3	6	0	6	0
24	0504	G	7	0.9	2	1	3	0
24	0504	F	6	1.9	2	1	3	0
24	0504	E	5	2.1	2	1	3	0
24	0505	K	8	2.2	4	0	4	0
24	0505	G	7	1.1	5	0	4	0
24	0505	F	6	1.4	5	0	3	0
24	0505	E	5	2	5	0	2	1
24	0506	K	8	2.8	4	0	4	0
24	0506	G	7	0	2	0	4	0
24	0506	F	6	1.5	6	0	6	0
24	0506	E	5	2.5	6	0	2	1
24	0507	K	9	2	6	0	6	0
24	0507	J	8	3.4	6	0	6	0
24	0507	G	7	0	2	0	4	0
24	0507	F	6	1.2	6	0	4	0
24	0507	E	5	2	5	0	2	1
24	0509	I	8	4	4	0	4	0
24	0509	G	7	0	5	0	7	0
24	0509	F	6	1.3	8	0	8	0
24	0509	E	5	2.2	8	0	5	0
24	0559	P	8	3.7	12	0	12	0
24	0559	G	7	1.1	13	0	5	0
24	0559	F	6	1.7	13	0	12	0
24	0559	E	5	2.3	13	0	8	0
24	0560	N	9	2	4	0	9	0
24	0560	P	8	0.7	12	0	18	0
24	0560	G	7	1	17	0	1	2
24	0560	F	6	1.2	16	0	16	0
24	0560	E	5	1.8	9	0	5	0
24	0561	F	6	1.5	16	0	16	0
24	0561	E	5	2.1	15	0	15	0
24	0561	L	8	2.9	12	0	12	0
24	0561	G	7	1.1	16	0	8	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
24	0562	F	6	1.5	11	0	8	0
24	0562	E	5	2	9	0	7	0
24	0562	M	8	2.9	12	0	12	0
24	0562	G	7	1.1	12	0	0	3
24	0563	F	6	1.4	11	0	11	0
24	0563	E	5	1.9	11	0	10	0
24	0563	O	8	2.9	12	0	12	0
24	0563	G	7	0.9	12	0	2	1
26	0113	J	4	1.9	4	0	4	0
26	0113	I	3	2.5	4	0	4	0
26	0114	J	5	1.7	6	0	6	0
26	0114	I	4	2.2	6	0	6	0
26	0114	H	3	2.7	6	0	6	0
26	0115	J	5	1.7	6	0	6	0
26	0115	I	4	1.6	6	0	6	0
26	0115	H	3	2.6	6	0	6	0
26	0116	J	4	1.8	4	0	4	0
26	0116	I	3	2.1	4	0	4	0
26	0117	J	6	1.7	4	0	4	0
26	0117	I	5	1.5	4	0	4	0
26	0117	H	4	3.2	4	0	4	0
26	0118	J	5	1.7	6	0	6	0
26	0118	I	4	1.8	6	0	6	0
26	0119	J	6	1.9	6	0	6	0
26	0119	I	5	2	6	0	6	0
26	0119	H	4	2.6	6	0	6	0
26	0120	J	5	1.8	6	0	6	0
26	0120	I	4	1.8	6	0	6	0
26	0121	J	5	1.9	4	0	4	0
26	0121	I	4	2	4	0	4	0
26	0122	J	6	1.7	6	0	6	0
26	0122	I	5	2	6	0	6	0
26	0123	J	7	1.8	4	0	4	0
26	0123	I	6	2	4	0	4	0
26	0123	H	5	2.4	4	0	4	0
26	0124	J	7	1.9	4	0	4	0
26	0124	I	6	1.9	4	0	4	0
26	0124	H	5	2.5	4	0	4	0
26	0159	J	7	1.5	6	0	6	0
26	0159	I	6	1.4	6	0	6	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
26	0159	H	5	3	6	0	6	0
27	0501	F	5	2	0	3	0	3
27	0501	E	4	4.9	0	3	0	3
27	0502	I	6	2	0	3	0	3
27	0502	F	5	2	0	3	0	3
27	0502	E	4	4.9	0	3	1	2
27	0503	I	8	1.5	0	3	0	3
27	0503	G	7	3	0	3	0	3
27	0503	F	6	1.1	3	0	3	0
27	0503	E	5	2.9	3	0	3	0
27	0503	E	4	2.4	3	0	3	0
27	0504	J	7	1.5	0	3	0	3
27	0504	H	6	3.1	0	3	0	3
27	0504	F	5	1.5	0	3	0	3
27	0504	E	4	5.1	0	3	0	3
27	0505	J	7	1.9	0	3	0	3
27	0505	F	6	1.3	1	2	1	2
27	0505	E	5	2.5	1	2	1	2
27	0505	E	4	2.5	1	2	2	1
27	0506	J	8	1.5	0	3	0	3
27	0506	H	7	2.6	0	3	0	3
27	0506	F	6	0	2	0	2	0
27	0506	E	5	2.2	2	1	2	1
27	0506	E	4	2.8	2	1	2	1
27	0507	J	8	1.5	0	3	0	3
27	0507	H	7	4.7	0	3	0	3
27	0507	F	6	0	3	0	3	0
27	0507	E	5	2.3	3	0	3	0
27	0507	E	4	2.2	3	0	5	0
27	0508	I	7	1.5	0	3	0	3
27	0508	G	6	4.6	0	3	0	3
27	0508	F	5	0.1	0	3	0	3
27	0508	E	4	4.9	0	3	1	2
27	0509	I	7	1.5	0	3	0	3
27	0509	G	6	1.8	0	3	0	3
27	0509	F	5	0.1	0	3	0	3
27	0509	E	4	4.9	0	3	1	2
27	0559	J	7	1.5	0	3	0	3
27	0559	F	6	1.1	3	0	3	0
27	0559	E	5	3.5	3	0	3	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
27	0559	E	4	2.3	3	0	4	0
27	0560	J	6	1.5	0	3	0	3
27	0560	F	5	2	0	3	0	3
27	0560	E	4	4.9	0	3	0	3
27	0561	J	6	1.8	0	3	0	3
27	0561	F	5	2	0	3	0	3
27	0561	E	4	6.9	0	3	2	1
28	0805	E	4	2	0	3	0	3
28	0805	D	3	2	0	3	0	3
28	0806	E	5	2	0	3	0	3
28	0806	D	4	2	0	3	0	3
28	0806	C	3	3	0	3	0	3
29	0501	D	4	1.1	1	2	0	3
29	0501	C	3	7.3	1	2	0	3
29	0502	E	5	2.1	5	0	4	0
29	0502	D	4	1.4	4	0	0	3
29	0502	C	3	7	4	0	0	3
29	0503	F	5	2.9	6	0	6	0
29	0503	E	6	1.9	6	0	6	0
29	0503	D	4	1.1	2	1	0	3
29	0503	C	3	7.4	2	1	0	3
29	0504	D	4	1.1	2	1	0	3
29	0504	H	6	1.8	6	0	6	0
29	0504	G	5	3.2	6	0	3	0
29	0504	C	3	7.2	2	1	0	3
29	0505	H	5	2.2	4	0	4	0
29	0505	D	4	1.1	2	1	0	3
29	0505	C	3	7.7	2	1	0	3
29	0506	H	6	2.1	4	0	0	3
29	0506	G	5	2	4	0	4	0
29	0506	D	4	0	5	0	0	0
29	0506	C	3	6.1	5	0	0	3
29	0507	H	6	1.8	6	0	6	0
29	0507	G	5	4.6	6	0	6	0
29	0507	D	4	0.2	2	1	0	3
29	0507	C	3	7.2	2	1	0	3
29	0508	E	6	2.1	6	0	6	0
29	0508	F	5	5.5	6	0	5	0
29	0508	D	4	0	5	0	0	0
29	0508	C	3	6.2	5	0	0	3

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
29	0509	F	5	2	4	0	4	0
29	0509	E	6	2.1	4	0	0	3
29	0509	D	4	0	2	0	0	0
29	0509	C	3	6.3	2	1	0	3
29	0603	E	5	1.7	11	0	4	0
29	0603	D	4	2.1	11	0	4	0
29	0604	E	5	1.5	12	0	1	2
29	0604	D	4	2.3	12	0	1	2
29	0606	E	5	1.5	12	0	0	3
29	0606	D	4	2.1	12	0	0	3
29	0607	E	5	1.7	12	0	1	2
29	0607	D	4	2.5	12	0	1	2
29	0608	E	5	2.3	12	0	4	0
29	0608	D	4	5.6	12	0	4	0
29	0659	E	5	1.7	12	0	4	0
29	0659	D	4	2.6	12	0	4	0
29	0660	E	5	2.4	12	0	1	2
29	0660	D	4	5.4	12	0	1	2
29	0661	D	4	9.5	12	0	4	0
29	0661	E	5	1.9	12	0	4	0
29	0662	E	5	1.9	12	0	1	2
29	0662	D	4	5.4	12	0	1	2
29	0663	E	5	1.8	12	0	1	2
29	0663	D	4	8.9	12	0	1	2
29	0664	E	5	1.5	12	0	4	0
29	0664	D	4	5.4	12	0	4	0
29	0665	E	5	1.7	12	0	5	0
29	0665	D	4	2.9	12	0	5	0
29	0801	E	4	2.1	8	0	8	0
29	0801	D	3	2.8	8	0	8	0
29	0802	E	4	2	8	0	8	0
29	0802	D	3	5.5	8	0	5	0
29	A603	H	5	2.2	4	0	4	0
29	A603	F	4	2.1	4	0	4	0
29	A604	H	5	2.3	4	0	4	0
29	A604	F	4	2.2	4	0	4	0
29	A606	H	5	2.2	4	0	4	0
29	A606	F	4	2.6	4	0	4	0
29	A607	H	5	2.2	4	0	3	0
29	A607	F	4	3.2	4	0	3	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
29	A608	H	5	2	4	0	4	0
29	A608	F	4	6.1	4	0	4	0
29	A801	D	4	1.6	8	0	8	0
29	A801	C	3	2.7	8	0	8	0
29	A802	D	4	1.6	8	0	8	0
29	A802	C	3	5.3	8	0	8	0
30	0113	E	3	5	4	0	4	0
30	0114	E	3	7.2	0	3	0	3
30	0115	E	3	7.5	0	3	0	3
30	0116	E	3	4.7	1	2	1	2
30	0117	E	4	7.2	4	0	4	0
30	0118	E	4	4.6	4	0	4	0
30	0119	E	4	7.6	4	0	4	0
30	0120	E	4	4.2	0	3	0	3
30	0121	E	4	4.4	4	0	4	0
30	0122	E	4	4.6	1	2	1	2
30	0123	E	4	7.5	0	3	0	3
30	0124	E	4	7.1	5	0	5	0
30	0805	C	3	4.5	8	0	9	0
30	0806	C	3	6.9	5	0	7	0
32	0101	H	5	7.2	6	0	6	0
32	0102	H	5	4.3	4	0	4	0
32	0103	H	5	4.1	6	0	6	0
32	0104	H	5	7.3	4	0	4	0
32	0105	H	6	4.2	4	0	4	0
32	0106	H	6	7.2	6	0	6	0
32	0107	H	6	4.4	6	0	6	0
32	0108	H	6	7	6	0	6	0
32	0109	H	6	7	4	0	4	0
32	0110	H	6	6.6	4	0	4	0
32	0111	H	6	4.1	4	0	4	0
32	0112	H	6	4.5	6	0	6	0
34	0501	F	5	3.5	0	3	0	3
34	0501	E	4	6	0	3	0	3
34	0502	H	6	1.9	4	0	4	0
34	0502	F	5	2.7	7	0	5	0
34	0502	E	4	6.2	7	0	5	0
34	0503	H	8	1.7	10	0	6	0
34	0503	G	7	3	10	0	6	0
34	0503	F	6	3	4	0	4	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
34	0503	E	5	6	4	0	4	0
34	0504	J	8	1.8	19	0	10	0
34	0504	I	7	2.9	19	0	10	0
34	0504	F	6	3	0	3	0	3
34	0504	E	5	5.5	0	3	0	3
34	0505	J	7	1.8	4	0	4	0
34	0505	F	6	3	5	0	5	0
34	0505	E	5	6	5	0	5	0
34	0506	J	6	2	4	0	4	0
34	0506	I	5	2.2	4	0	4	0
34	0506	F	4	1	0	3	0	3
34	0506	E	3	6.5	0	3	0	3
34	0507	J	8	1.9	10	0	6	0
34	0507	I	7	2.9	10	0	6	0
34	0507	M	6	3	9	0	6	0
34	0507	F	5	1	0	3	0	3
34	0507	E	4	5.4	0	3	0	3
34	0508	H	9	1.8	19	0	10	0
34	0508	G	8	3.3	19	0	10	0
34	0508	N	7	2.7	19	0	10	0
34	0508	F	6	1	0	3	0	3
34	0508	E	5	6.1	0	3	0	3
34	0509	H	8	1.8	4	0	4	0
34	0509	G	7	2.5	4	0	4	0
34	0509	F	6	1.2	0	3	0	3
34	0509	E	5	6.3	0	3	0	3
34	0559	H	7	1.9	27	0	15	0
34	0559	I	6	2.5	27	0	15	0
34	0559	F	5	1	0	3	0	3
34	0559	E	4	5.6	0	3	0	3
34	0560	L	7	1	27	0	0	3
34	0560	I	6	2.3	27	0	15	0
34	0560	F	5	1	7	0	5	0
34	0560	E	4	5.5	7	0	5	0
35	0101	M	4	0.6	0	3	0	3
35	0101	L	3	6.6	6	0	6	0
35	0102	M	4	0.6	0	3	0	3
35	0102	L	3	4.2	4	0	3	0
35	0103	M	4	0.6	0	3	0	3
35	0103	L	3	4.7	4	0	4	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
35	0104	M	4	0.6	0	3	0	3
35	0104	L	3	7.5	4	0	4	0
35	0105	M	5	0.6	0	3	0	3
35	0105	L	4	5.3	6	0	6	0
35	0106	M	5	0.6	0	3	0	3
35	0106	L	4	7	6	0	6	0
35	0107	M	5	0.6	0	3	0	3
35	0107	L	4	5.3	6	0	6	0
35	0108	M	5	0.6	0	3	0	3
35	0108	L	4	7.2	6	0	6	0
35	0109	M	5	0.6	0	3	0	3
35	0109	L	4	7.4	4	0	4	0
35	0110	M	6	0.6	0	3	0	3
35	0110	L	5	7.3	4	0	4	0
35	0111	M	6	0.6	0	3	0	3
35	0111	L	5	4.3	4	0	4	0
35	0112	M	6	0.6	0	3	0	3
35	0112	L	5	4.4	6	0	6	0
35	0501	I	8	1	0	3	0	3
35	0501	G	7	1.9	0	3	0	3
35	0501	F	6		1	2	0	3
35	0501	D	4		2	1	0	3
35	0501	E	5		0	3	0	3
35	0501	C	3		2	1	0	3
35	0502	I	8	0.9	0	3	0	3
35	0502	H	7	2.2	3	0	4	0
35	0502	F	6	0.5	5	0	0	3
35	0502	E	5	1.4	5	0	0	3
35	0502	D	4	3	5	0	0	3
35	0502	C	3	3.2	5	0	0	3
35	0503	I	8	1.1	0	3	0	3
35	0503	H	7	4.4	6	0	6	0
35	0503	F	6	0.3	6	0	0	3
35	0503	E	5	1.5	6	0	0	3
35	0503	D	4	3.1	6	0	0	3
35	0503	C	3	3.5	6	0	0	3
35	0504	I	8	0.6	0	3	0	3
35	0504	G	7	4.5	6	0	6	0
35	0504	F	6	0.4	11	0	0	3
35	0504	E	5	1.6	11	0	4	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
35	0504	D	4	2.6	11	0	4	0
35	0504	C	3	3.4	11	0	4	0
35	0505	I	8	0.8	0	3	0	3
35	0505	G	7	2.5	3	0	4	0
35	0505	F	6	0.6	6	0	0	3
35	0505	E	5	1.5	6	0	4	0
35	0505	D	4	2.4	6	0	4	0
35	0505	C	3	3.2	6	0	4	0
35	0506	I	8	0.7	0	3	0	3
35	0506	G	7	4.1	4	0	4	0
35	0506	F	6	0.2	2	1	0	3
35	0506	E	5	0.5	5	0	0	3
35	0506	D	4	2.2	6	0	0	3
35	0506	C	3	3.2	6	0	0	3
35	0507	I	8	1	0	3	0	3
35	0507	G	7	7.3	6	0	6	0
35	0507	F	6	0	1	0	0	0
35	0507	E	5	0	0	0	0	0
35	0507	D	4	1.6	8	0	0	3
35	0507	C	3	3.5	8	0	0	3
35	0508	I	8	0.8	0	3	0	3
35	0508	H	7	7.2	3	0	6	0
35	0508	F	6	0.3	3	0	0	3
35	0508	E	5	0	0	0	0	0
35	0508	D	4	3.4	8	0	4	0
35	0508	C	3	3.3	8	0	4	0
35	0509	I	8	1.1	0	3	0	3
35	0509	H	7	3.9	4	0	4	0
35	0509	F	6	0	1	0	0	0
35	0509	E	5	0	0	0	0	0
35	0509	D	4	2.4	6	0	0	3
35	0509	C	3	3.5	6	0	0	3
35	0801	C	3	4.4	8	0	0	3
35	0802	C	3	7.3	8	0	0	3
36	0801	G	4	1.3	12	0	4	0
36	0801	F	3	3.6	12	0	5	0
36	0802	G	5	0.9	13	0	3	0
36	0802	F	4	2.1	13	0	3	0
36	0802	E	3	4.6	13	0	3	0
36	0859	G	5	1.2	12	0	4	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
36	0859	F	4	1.4	12	0	4	0
36	0859	E	3	3.9	11	0	4	0
37	0259	L	3	1.2	0	3	0	3
37	0260	L	3	1.3	0	3	0	3
37	0801	F	4	1.7	8	0	8	0
37	0801	E	3	2.3	8	0	8	0
37	0802	F	5	1.7	8	0	8	0
37	0802	E	4	2.5	8	0	8	0
37	0802	D	3	2.8	8	0	8	0
37	0859	F	3	1.4	8	0	8	0
39	0101	F	4	1.8	6	0	6	0
39	0101	E	3	5.1	6	0	0	3
39	0102	F	4	1.8	4	0	4	0
39	0102	E	3	2.1	4	0	0	3
39	0103	F	4	1.8	4	0	4	0
39	0103	E	3	2.3	4	0	0	3
39	0104	F	4	1.7	4	0	4	0
39	0104	E	3	5.5	4	0	1	2
39	0105	F	5	1.9	6	0	4	0
39	0105	E	4	1.8	6	0	6	0
39	0106	F	5	1.8	5	0	4	0
39	0106	E	4	5	5	0	4	0
39	0107	F	5	1.7	6	0	5	0
39	0107	E	4	2.1	6	0	6	0
39	0108	F	5	1.7	6	0	4	0
39	0108	E	4	4.9	6	0	6	0
39	0109	F	5	1.8	4	0	1	2
39	0109	E	4	5.2	4	0	4	0
39	0110	F	5	1.8	4	0	0	3
39	0110	E	4	5.5	4	0	4	0
39	0111	F	5	1.7	4	0	0	3
39	0111	E	4	2.3	4	0	4	0
39	0112	F	5	1.7	6	0	4	0
39	0112	E	4	2.3	6	0	6	0
39	0159	F	4	1.8	0	3	0	3
39	0159	E	3	2.3	0	3	0	3
39	0160	F	5	1.8	6	0	0	3
39	0160	E	4	2.3	6	0	6	0
39	0803	E	5	1.5	8	0	8	0
39	0803	D	4	2.4	8	0	8	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
39	0804	E	5	1.5	8	0	8	0
39	0804	D	4	5.1	8	0	9	0
40	0113	I	5	1.5	6	0	6	0
40	0113	H	4	3	6	0	6	0
40	0114	I	5	2	4	0	4	0
40	0114	H	4	6.1	4	0	4	0
40	0115	I	5	2	4	0	3	0
40	0115	H	4	5.5	4	0	3	0
40	0116	I	5	1.9	4	0	4	0
40	0116	H	4	2.3	4	0	3	0
40	0117	I	6	1.9	5	0	6	0
40	0117	H	5	5.9	6	0	6	0
40	0118	I	6	1.9	6	0	4	0
40	0118	H	5	2.7	6	0	5	0
40	0119	I	6	1.6	6	0	6	0
40	0119	H	5	5.9	6	0	6	0
40	0120	I	6	1.6	6	0	6	0
40	0120	H	5	3.2	6	0	6	0
40	0121	I	6	1.6	4	0	4	0
40	0121	H	5	2.6	4	0	4	0
40	0122	I	7	1.9	4	0	4	0
40	0122	H	6	2.4	4	0	4	0
40	0123	I	7	1.6	4	0	4	0
40	0123	H	6	5.7	4	0	4	0
40	0124	I	7	2	4	0	6	0
40	0124	H	6	5.4	6	0	4	0
40	0160	I	6		0	3	2	1
40	0160	H	5		0	3	3	0
40	0501	E	4	1.2	2	1	1	2
40	0501	D	3	2.6	2	1	1	2
40	0502	G	5	1.8	1	2	0	3
40	0502	E	4	1.3	11	0	2	1
40	0502	D	3	2.7	11	0	4	0
40	0503	G	6	2	3	0	1	2
40	0503	F	5	2.5	4	0	3	0
40	0503	E	4	1.3	2	1	0	3
40	0503	D	3	2.8	2	1	0	3
40	0504	I	6	1.9	3	0	2	1
40	0504	H	5	2.5	4	0	4	0
40	0504	E	4	1.5	5	0	1	2

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
40	0504	D	3	2.8	5	0	1	2
40	0505	I	5	1.8	2	1	1	2
40	0505	E	4	1.6	5	0	0	3
40	0505	D	3	2.8	5	0	0	3
40	0506	I	5	2.7	5	0	5	0
40	0506	E	4	0	2	0	1	0
40	0506	D	3	2.4	2	1	1	2
40	0507	I	6	3.5	1	2	1	2
40	0507	H	5	2.9	2	1	5	0
40	0507	E	4	0.4	7	0	4	0
40	0507	D	3	2.9	8	0	4	0
40	0508	G	6	3.1	4	0	4	0
40	0508	F	5	3	4	0	5	0
40	0508	E	4	0	1	0	0	0
40	0508	D	3	2	5	0	0	3
40	0509	G	5	2.8	1	2	2	1
40	0509	E	4	0	5	0	4	0
40	0509	D	3	2.2	9	0	4	0
40	0560	I	5	3.2	2	1	2	1
40	0560	E	4	1.1	5	0	2	1
40	0560	D	3	2.7	2	1	1	2
40	0603	D	4	4	3	0	4	0
40	0604	D	4	3.8	4	0	4	0
40	0606	D	4	4.3	4	0	4	0
40	0608	E	4	6	1	2	4	0
40	0608	D	5	1.8	4	0	0	3
42	0603	I	5	1.8	4	0	4	0
42	0603	H	4	2.4	4	0	4	0
42	0604	I	5	1.8	4	0	4	0
42	0604	H	4	2.6	4	0	4	0
42	0606	I	5	1.9	3	0	4	0
42	0606	H	4	2.6	3	0	4	0
42	0607	I	5	1.7	4	0	3	0
42	0607	H	4	2.4	4	0	5	0
42	0608	I	7	1.7	4	0	4	0
42	0608	H	6	2.5	4	0	4	0
42	0608	G	5	3	4	0	4	0
42	0608	J	4	1.1	4	0	4	0
42	0660	F	7	1.4	4	0	3	0
42	0660	E	6	2.5	4	0	3	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
42	0660	D	5	4.5	3	0	3	0
42	0660	J	4	1.1	0	3	3	0
42	0661	F	7	1.5	4	0	4	0
42	0661	E	6	2.5	4	0	4	0
42	0661	D	5	8	4	0	4	0
42	0661	J	4	1.1	0	3	4	0
42	0662	F	7	1.2	4	0	4	0
42	0662	E	6	2.5	4	0	4	0
42	0662	D	5	3	1	2	4	0
42	0662	J	4	1	0	3	4	0
46	0603	F	5	2.1	4	0	4	0
46	0603	E	4	2.3	4	0	4	0
46	0604	F	5	2.2	4	0	4	0
46	0604	E	4	2.2	4	0	4	0
46	0606	F	5	1.6	4	0	4	0
46	0606	E	4	2.7	4	0	4	0
46	0607	F	5	1.6	4	0	4	0
46	0607	E	4	3.2	4	0	4	0
46	0608	F	5	2	4	0	4	0
46	0608	E	4	4.6	4	0	4	0
46	0660	H	6	0.5	0	3	0	3
46	0660	F	5	1.7	4	0	3	0
46	0660	E	4	4.1	4	0	4	0
46	0661	H	6	0.5	4	0	0	3
46	0661	F	5	1.5	4	0	4	0
46	0661	E	4	3.1	0	3	4	0
46	0662	H	7	0.5	0	3	0	3
46	0662	F	6	1.3	4	0	0	3
46	0662	E	5	2.7	4	0	4	0
46	0662	G	4	0.1	0	3	4	0
46	0803	E	3	4.8	8	0	8	0
46	0804	E	3	7.2	8	0	8	0
46	0859	E	5	3.2	8	0	8	0
47	0603	H	6	1.2	4	0	3	0
47	0603	F	4	2.8	4	0	4	0
47	0603	G	5	0.4	4	0	0	3
47	0604	H	6	1	4	0	2	1
47	0604	G	5	0.4	4	0	0	3
47	0604	F	4	2.8	4	0	4	0
47	0606	H	6	1.3	4	0	3	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
47	0606	G	5	0.4	4	0	0	3
47	0606	F	4	2.4	4	0	4	0
47	0607	H	6	1.2	4	0	3	0
47	0607	G	5	0.4	4	0	0	3
47	0607	F	4	2.8	4	0	4	0
47	0608	G	5	0.4	4	0	0	3
47	0608	H	6	1.4	4	0	4	0
47	0608	F	4	6.9	4	0	4	0
47	0661	H	6	1.3	4	0	3	0
47	0661	G	5	0.4	4	0	0	3
47	0661	F	4	6.6	4	0	4	0
47	0662	H	6	1.2	4	0	2	1
47	0662	G	5	0.4	4	0	0	3
47	0662	F	4	7	4	0	4	0
48	0166	N	5	2.4	4	0	4	0
48	0166	M	4	2.9	4	0	4	0
48	0801	E	5	2.3	8	0	8	0
48	0801	D	4	2.1	8	0	12	0
48	0802	E	5	2.2	8	0	9	0
48	0802	D	4	4.2	8	0	10	0
48	A502	G	6	2.2	2	1	2	1
48	A502	E	5	1.3	4	0	0	3
48	A502	D	4	7.9	2	1	0	3
48	A503	G	7	2.1	3	0	0	3
48	A503	F	6	3.2	3	0	3	0
48	A503	E	5	1.4	6	0	3	0
48	A503	D	4	8	5	0	3	0
48	A504	H	6	3.1	6	0	6	0
48	A504	E	5	1.2	4	0	0	3
48	A504	D	4	7.5	2	1	0	3
48	A504	I	7	2.2	6	0	0	3
48	A505	I	6	2	4	0	4	0
48	A505	E	5	1.5	6	0	0	3
48	A505	D	4	8	4	0	0	3
48	A506	I	7	2.3	2	1	0	3
48	A506	H	6	1.6	2	1	2	1
48	A506	E	5	0	4	0	3	0
48	A506	D	4	7.7	4	0	3	0
48	A507	I	7	2	6	0	0	3
48	A507	H	6	5	6	0	6	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
48	A507	E	5	0	4	0	0	0
48	A507	D	4	7.7	4	0	0	3
48	A508	G	7	2.1	6	0	0	3
48	A508	F	6	5.2	5	0	6	0
48	A508	E	5	0	4	0	0	0
48	A508	D	4	8.3	4	0	0	3
48	A509	G	7	2.2	7	0	0	3
48	A509	F	6	2.1	7	0	7	0
48	A509	E	5	0	4	0	3	0
48	A509	D	4	7.8	4	0	3	0
49	0803	E	5	0.1	0	3	0	3
49	0803	D	4	4.9	8	0	8	0
49	0804	E	5	0.1	0	3	0	3
49	0804	D	4	7.1	5	0	8	0
51	0113	P	5	1.7	7	0	7	0
51	0113	O	4	2.3	7	0	5	0
51	0114	P	5	3.4	4	0	4	0
51	0114	O	4	3.8	4	0	4	0
51	0115	P	5	1.9	4	0	4	0
51	0115	O	4	4.5	4	0	4	0
51	0116	P	5	1.6	4	0	4	0
51	0116	O	4	2.9	4	0	4	0
51	0117	P	6	1.7	6	0	6	0
51	0117	O	5	4.9	6	0	6	0
51	0118	P	6	1.7	6	0	6	0
51	0118	O	5	2.4	6	0	6	0
51	0119	P	6	1.4	6	0	6	0
51	0119	O	5	5	6	0	6	0
51	0120	P	6	1.3	6	0	3	0
51	0120	O	5	2.8	6	0	5	0
51	0121	P	6	1.6	4	0	4	0
51	0121	O	5	2.1	4	0	3	0
51	0122	P	7	1.7	4	0	4	0
51	0122	O	6	2.2	4	0	4	0
51	0123	P	7	1.7	1	2	4	0
51	0123	O	6	4.8	4	0	4	0
51	0124	P	7	1.6	6	0	6	0
51	0124	O	6	4.7	6	0	6	0
51	0159	P	7	1.4	14	0	13	0
51	0159	O	6	2	14	0	13	0

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
53	0801	F	5	3.7	8	0	8	0
53	0802	F	5	6.8	5	0	5	0
55	0113	I	5	1.9	6	0	6	0
55	0113	H	4	3.6	6	0	6	0
55	0114	I	5	1.7	4	0	4	0
55	0114	H	4	6.4	4	0	4	0
55	0115	I	6	2	4	0	4	0
55	0115	H	5	5.3	4	0	4	0
55	0116	I	6	2.1	4	0	4	0
55	0116	H	5	2	4	0	4	0
55	0117	I	7	1.9	6	0	6	0
55	0117	H	6	4.5	6	0	6	0
55	0118	I	7	1.9	6	0	6	0
55	0118	H	6	2.1	6	0	6	0
55	0119	I	7	2	6	0	6	0
55	0119	H	6	4.6	6	0	6	0
55	0120	I	7	1.8	6	0	6	0
55	0120	H	6	2.1	6	0	6	0
55	0121	I	6	2.1	4	0	4	0
55	0121	H	5	2.1	4	0	4	0
55	0122	I	8	1.9	4	0	4	0
55	0122	H	7	2.6	4	0	4	0
55	0123	I	7	1.9	4	0	4	0
55	0123	H	6	4.9	4	0	4	0
55	0124	I	7	1.9	6	0	6	0
55	0124	H	6	5.2	6	0	6	0
55	0805	D	4	2	0	3	8	0
55	0805	C	3	2.4	0	3	8	0
55	0806	D	4	2.1	0	3	8	0
55	0806	C	3	4.9	0	3	8	0
81	0501	E	5	0.2	4	0	0	3
81	0501	D	4	6.3	4	0	4	0
81	0502	G	6	2.1	4	0	4	0
81	0502	E	5	0.2	6	0	0	3
81	0502	D	4	5.2	6	0	0	3
81	0503	G	6	5	6	0	6	0
81	0503	E	5	0.2	11	0	0	3
81	0503	D	4	6.2	11	0	3	0
81	0504	I	6	4.8	6	0	6	0
81	0504	E	5	0.2	8	0	0	3

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
81	0504	D	4	6.3	8	0	0	3
81	0505	I	6	2.1	4	0	4	0
81	0505	E	5	0.2	6	0	0	3
81	0505	D	4	6	6	0	0	3
81	0506	I	7	2.1	4	0	4	0
81	0506	H	6	1.6	4	0	0	3
81	0506	E	5	0	6	0	0	0
81	0506	D	4	4.6	6	0	1	2
81	0507	I	7	4.9	6	0	6	0
81	0507	H	6	1.7	6	0	6	0
81	0507	E	5	0	8	0	0	0
81	0507	D	4	4.2	8	0	0	3
81	0508	G	7	5	6	0	6	0
81	0508	F	6	2	6	0	6	0
81	0508	E	5	0	8	0	0	0
81	0508	D	4	3.6	8	0	1	2
81	0509	G	7	1.8	4	0	4	0
81	0509	F	6	1.5	4	0	0	3
81	0509	E	5	0	9	0	0	0
81	0509	D	4	4.6	9	0	3	0
83	0501	I	6	0.3	6	0	0	3
83	0501	H	5	2.1	6	0	0	3
83	0501	G	4	2.6	6	0	0	3
83	0502	J	7	2.7	10	0	0	3
83	0502	I	6	0.2	10	0	0	3
83	0502	H	5	2	10	0	3	0
83	0502	G	4	2.2	10	0	4	0
83	0503	J	7	4.9	15	0	0	3
83	0503	I	6	0.2	14	0	0	3
83	0503	H	5	2	13	0	2	1
83	0503	G	4	2.2	13	0	13	0
83	0504	K	7	5.6	7	0	0	3
83	0504	I	6	0.2	7	0	0	3
83	0504	H	5	1.7	7	0	0	3
83	0504	G	4	2.1	6	0	1	2
83	0505	K	7	3.1	18	0	0	3
83	0505	I	6	0.2	28	0	0	3
83	0505	H	5	2.1	16	0	6	0
83	0505	G	4	2.7	16	0	17	0
83	0506	K	7	3.2	7	0	0	3

See notes at end of table.

Table 33. Material test needs to fill MAP data gaps for AC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
83	0506	I	6	0	6	0	0	0
83	0506	H	5	1.5	6	0	0	3
83	0506	G	4	2.5	6	0	1	2
83	0507	K	7	6.6	21	0	3	0
83	0507	I	6	0	19	0	0	0
83	0507	H	5	0.6	19	0	5	0
83	0507	G	4	2.5	19	0	17	0
83	0508	J	7	6.5	21	0	0	3
83	0508	I	6	0	19	0	0	0
83	0508	H	5	1	27	0	5	0
83	0508	G	4	1.7	20	0	17	0
83	0509	J	7	3.7	7	0	0	3
83	0509	I	6	0	6	0	0	0
83	0509	H	5	1.3	6	0	0	3
83	0509	G	4	2.6	6	0	1	2
				Totals	**6,321**	**1,167**	**3,945**	**1,744**

Note: Thickness was not recorded for SS layers unless refusal was encountered during augering. A thickness of 0 indicates the layer existed prior to treatment but was milled during treatment.

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
1	0601	D	3	10.3	3	0
1	0602	D	3	10.2	2	1
1	0603	D	3	10.2	2	1
1	0604	D	3	10.3	2	1
1	0605	D	3	10.2	4	0
1	0606	D	3	10.3	2	1
1	0607	D	3	10.1	2	1
1	0608	D	3	10.2	2	1
1	0661	D	3	10.7	2	1
1	0662	D	3	10.2	2	1
1	0663	D	3	10.3	2	1
4	0160	K	3	11.2	26	0
4	0163	J	2	15	0	3
4	0213	I	3	7.9	9	0
4	0214	I	3	8.3	8	0
4	0215	I	3	11	8	0
4	0216	I	3	11.2	8	0
4	0217	I	3	8.1	8	0
4	0218	I	3	8.3	7	0
4	0219	I	3	10.8	8	0
4	0220	I	3	11.2	8	0
4	0221	I	4	8.1	8	0
4	0222	I	4	8.6	7	0
4	0223	I	4	11.1	9	0
4	0224	I	4	10.6	8	0
4	0262	I	3	8.1	8	0
4	0263	I	4	8.2	8	0
4	0264	I	4	11.5	9	0
4	0265	I	3	10.8	9	0
4	0266	I	3	12.3	8	0
4	0267	I	3	11.3	8	0
4	0268	I	3	8.5	9	0
4	0601	F	4	7.9	7	0
4	0602	F	5	8	0	3
4	0603	F	4	8.3	6	0
4	0604	F	4	8.2	6	0
4	0605	F	5	8.3	4	0
4	0606	F	4	8.5	1	2
4	0607	F	5	8.4	4	0
4	0608	F	5	8.2	6	0

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
4	0659	F	3	8.4	2	1
4	0660	F	4	8.3	4	0
4	0661	F	4	8.4	0	3
4	0662	F	5	8	5	0
4	0663	H	6	10	0	3
4	0663	F	4	8.3	2	1
4	0664	F	4	7.9	0	3
4	0665	F	4	7.9	0	3
4	0666	F	4	7.9	0	3
4	0667	F	4	7.9	0	3
4	0668	F	4	7.9	0	3
4	0669	F	4	7.9	0	3
5	0213	I	4	7.4	8	0
5	0214	I	4	8.4	5	0
5	0215	I	4	11.5	6	0
5	0216	I	4	11	8	0
5	0217	I	5	8.3	8	0
5	0218	I	5	8.2	8	0
5	0219	I	5	11.1	8	0
5	0220	I	5	10.7	8	0
5	0221	I	5	8.3	8	0
5	0222	I	5	8.3	7	0
5	0223	I	5	10.9	8	0
5	0224	I	5	10.9	8	0
5	0809	H	3	8.6	8	0
5	0810	H	3	11.5	7	0
5	A601	C	3	9.8	3	0
5	A602	C	3	10.2	3	0
5	A603	C	3	10	3	0
5	A604	C	3	10.1	6	0
5	A605	C	3	10	4	0
5	A606	C	3	10.2	1	2
5	A607	C	3	10	0	3
5	A608	C	3	10	0	3
6	0201	G	3	8.3	6	0
6	0202	G	3	8	8	0
6	0203	G	3	11.4	8	0
6	0204	G	3	11.1	6	0
6	0205	G	3	8.2	6	0
6	0206	G	3	8	8	0

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
6	0207	G	3	11	8	0
6	0208	G	3	10.7	6	0
6	0209	G	4	8.4	6	0
6	0210	G	4	8.6	8	0
6	0211	G	4	12.1	8	0
6	0212	G	4	11.1	6	0
6	0602	E	3	8.6	0	3
6	0603	E	3	8	0	3
6	0604	E	3	8.3	0	3
6	0605	E	3	8.9	0	3
6	0606	E	3	8.2	0	3
6	0607	E	3	8.2	0	3
6	0608	E	3	8.5	0	3
6	0659	E	3	8.5	0	3
6	0660	E	3	4.5	0	3
6	0661	E	3	8.5	0	3
6	0662	E	3	8.2	0	3
6	0663	H	4	1	0	3
6	0663	E	3	7.9	0	3
6	0664	E	3	8.3	0	3
6	0811	C	3	8.3	10	0
6	0812	C	3	10.6	8	0
8	0213	M	3	8.6	3	0
8	0214	M	3	8.4	4	0
8	0215	M	3	11.5	4	0
8	0216	M	3	11.9	3	0
8	0217	M	3	8.6	11	0
8	0218	M	3	7.6	4	0
8	0219	M	3	9.9	5	0
8	0220	M	3	11.2	6	0
8	0221	M	4	8.3	0	3
8	0222	M	4	8.5	10	0
8	0223	M	4	11.7	1	2
8	0224	M	4	11.6	6	0
8	0259	M	2	11.9	1	2
8	0811	E	3	8.9	4	0
8	0812	E	3	12.9	5	0
10	0201	J	4	8.3	4	0
10	0202	J	4	8.8	6	0
10	0203	J	4	11.7	5	0

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
10	0204	J	4	11	5	0
10	0205	J	4	9.2	4	0
10	0206	J	4	8.9	6	0
10	0207	J	4	11.3	3	0
10	0208	J	4	12.1	5	0
10	0209	J	5	8.2	4	0
10	0210	J	5	8.3	5	0
10	0211	J	5	11.8	4	0
10	0212	J	5	12.4	5	0
10	0259	J	4	10.2	4	0
10	0260	J	4	10.2	5	0
17	0603	C	3	10	3	0
17	0604	C	3	10.2	3	0
17	0606	C	3	10.1	0	3
17	0607	D	3	10.1	1	2
17	0608	D	3	10.1	3	0
17	0659	C	3	10.2	1	2
17	0662	C	3	10.2	1	2
17	0663	E	3	10	0	3
17	0664	E	3	10	0	3
18	0601	C	3	10	0	3
18	0602	C	3	10	0	3
18	0603	C	3	10	0	3
18	0604	C	3	10	0	3
18	0605	C	3	10	0	3
18	0606	C	3	10	0	3
18	0607	C	3	10	0	3
18	0608	C	3	10	0	3
18	0659	C	3	10	0	3
18	0660	C	3	10	0	3
18	0661	C	3	10	0	3
18	0662	C	3	10	0	3
18	0663	C	3	10	0	3
18	0664	C	3	10	0	3
18	0665	C	3	10	0	3
18	0666	C	3	10	0	3
18	0667	C	3	10	0	3
18	0668	C	3	10	0	3
18	0669	C	3	10	0	3
18	0670	C	3	10	0	3

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
18	0671	C	3	10	0	3
18	0672	C	3	10	0	3
19	0213	H	4	8.5	8	0
19	0214	H	4	8.4	8	0
19	0215	H	4	11.8	8	0
19	0216	H	4	11.6	8	0
19	0217	H	4	8.1	8	0
19	0218	H	4	8.2	8	0
19	0219	H	4	11.2	8	0
19	0220	H	4	11.4	8	0
19	0221	H	5	9.4	8	0
19	0222	H	5	8.3	8	0
19	0223	H	5	11.7	8	0
19	0224	H	5	11.6	9	0
19	0259	H	4	8.4	0	3
19	0603	C	3	10	0	3
19	0604	C	3	9.7	0	3
19	0606	C	3	10	0	3
19	0607	C	3	10	0	3
19	0608	C	3	10	0	3
19	0659	C	3	9.6	0	3
20	0201	H	4	7.7	0	3
20	0202	H	4	7.4	0	3
20	0203	H	4	11.1	0	3
20	0204	H	4	11.3	0	3
20	0205	H	4	7.8	0	3
20	0206	H	4	7.9	0	3
20	0207	H	4	11.3	0	3
20	0208	H	4	11	0	3
20	0209	H	5	8.5	0	3
20	0210	H	5	8.3	0	3
20	0211	H	5	11.1	0	3
20	0212	H	5	10.9	0	3
20	0259	H	4	12.2	0	3
26	0213	H	4	8.6	8	0
26	0214	I	4	8.9	8	0
26	0215	H	4	11.2	8	0
26	0216	I	4	11.4	8	0
26	0217	H	4	8.5	7	0
26	0218	I	4	7.1	8	0

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
26	0219	H	4	10.9	10	0
26	0220	I	4	11.1	8	0
26	0221	H	5	8.2	6	0
26	0222	I	5	8.4	0	3
26	0223	H	5	11	6	0
26	0224	I	5	11.2	2	1
26	0259	J	5	11.2	4	0
29	0601	C	3	9.1	4	0
29	0602	C	3	9.2	4	0
29	0603	C	3	9.1	4	0
29	0604	C	3	9.1	4	0
29	0605	C	3	9.1	4	0
29	0606	C	3	8.9	3	0
29	0607	C	3	9.3	4	0
29	0608	C	3	9.4	4	0
29	0659	C	3	9.3	4	0
29	0660	C	3	9.7	4	0
29	0661	C	3	9.4	3	0
29	0662	C	3	9.4	4	0
29	0663	C	3	9.5	4	0
29	0664	C	3	9.7	3	0
29	0665	C	3	9	4	0
29	0666	C	3	9.1	4	0
29	0807	F	3	7.6	0	3
29	0808	F	3	10.6	0	3
29	A601	D	3	7.2	3	0
29	A602	D	3	7	3	0
29	A603	D	3	7.3	2	1
29	A604	D	3	7.5	2	1
29	A605	D	3	7.2	4	0
29	A606	D	3	7.3	2	1
29	A607	G	3	7.2	2	1
29	A608	G	3	7.3	2	1
29	A807	E	3	8.6	0	3
29	A808	E	3	11.1	0	3
37	0201	K	4	9	3	0
37	0202	K	4	8.9	2	1
37	0203	K	4	11.2	2	1
37	0204	K	4	11.2	2	1
37	0205	K	4	8	3	0

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
37	0206	K	4	8.4	2	1
37	0207	K	4	11.6	2	1
37	0208	K	4	11.2	3	0
37	0209	K	5	8.6	2	1
37	0210	K	5	9.1	2	1
37	0211	K	5	11.4	2	1
37	0212	K	5	10.9	2	1
37	0259	K	5	10.2	2	1
37	0260	K	5	11.5	2	1
38	0213	G	4	8.2	7	0
38	0214	G	4	7.9	5	0
38	0215	G	4	11	4	0
38	0216	G	4	11.2	5	0
38	0217	G	4	7.9	10	0
38	0218	G	4	7.9	5	0
38	0219	G	4	10.9	7	0
38	0220	G	4	10.9	8	0
38	0221	G	5	8.1	7	0
38	0222	G	5	8.2	5	0
38	0223	G	5	11.1	4	0
38	0224	G	5	10.8	7	0
38	0259	G	5	9.5	5	0
38	0260	G	4	11	5	0
38	0261	G	4	11	5	0
38	0262	G	4	11.1	6	0
38	0263	G	5	10.8	5	0
38	0264	G	5	11	9	0
39	0201	G	3	7.9	8	0
39	0202	G	3	8.3	9	0
39	0203	G	3	10.9	9	0
39	0204	G	4	11.1	9	0
39	0205	G	3	8	8	0
39	0206	G	3	7.9	8	0
39	0207	G	3	11.1	8	0
39	0208	G	3	11	9	0
39	0209	G	4	8.1	9	0
39	0210	G	4	8	8	0
39	0211	G	4	11.4	8	0
39	0212	G	5	10.6	8	0
39	0259	G	4	11	9	0

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
39	0260	G	5	11.4	9	0
39	0261	G	4	11.1	8	0
39	0262	G	4	11.1	8	0
39	0263	G	3	11	9	0
39	0264	G	4	11.6	0	3
39	0265	G	5	11.3	8	0
39	0809	F	4	7.8	9	0
39	0810	F	4	10.9	7	0
40	0601	C	3	9	4	0
40	0602	C	3	8.8	3	0
40	0603	C	3	9	4	0
40	0604	C	3	9	3	0
40	0605	C	3	9	2	1
40	0606	C	3	9.1	3	0
40	0608	F	3	9.2	2	1
42	0601	C	3	10.3	2	1
42	0602	C	3	10.2	1	2
42	0603	C	3	10.1	2	1
42	0604	C	3	10.3	2	1
42	0605	C	3	10.1	2	1
42	0606	C	3	10.1	3	0
42	0607	C	3	10.1	3	0
42	0608	C	3	10.1	2	1
42	0659	C	3	10.3	1	2
42	0660	C	3	10.6	2	1
42	0661	C	3	10	2	1
42	0662	C	3	10.2	2	1
46	0601	D	3	7.1	0	3
46	0602	D	3	7	0	3
46	0603	D	3	7.1	0	3
46	0604	D	3	7.1	0	3
46	0605	D	3	7	0	3
46	0606	D	3	7.2	0	3
46	0607	D	3	7.3	0	3
46	0608	D	3	7.7	0	3
46	0660	D	3	7.3	0	3
46	0661	D	3	7.3	0	3
46	0662	D	3	7.3	0	3
47	0601	E	3	9	3	0
47	0602	E	3	8.9	4	0

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
47	0603	E	3	9	4	0
47	0604	E	3	9	2	1
47	0605	E	3	9	4	0
47	0606	E	3	9.2	1	2
47	0607	I	3	8.8	3	0
47	0608	I	3	8.6	2	1
47	0661	E	3	9	2	1
47	0662	E	3	8.9	2	1
48	A807	C	3	8.3	13	0
48	A808	C	3	12.3	14	0
53	0201	J	5	8.7	8	0
53	0202	J	4	8.3	9	0
53	0203	J	3	11.1	8	0
53	0204	J	5	11.2	8	0
53	0205	J	5	8.5	8	0
53	0206	J	5	8.6	9	0
53	0207	J	5	11.1	9	0
53	0208	J	5	11.2	6	0
53	0209	J	6	9	8	0
53	0210	J	5	8.3	8	0
53	0211	J	6	11.8	9	0
53	0212	J	6	11.3	8	0
53	0259	J	4	10.3	26	0
53	A809	E	4	8.5	13	0
53	A810	E	4	10.9	14	0
55	0213	K	4	8.5	6	0
55	0214	L	5	8.4	5	0
55	0215	K	4	11.3	5	0
55	0216	L	4	11.1	5	0
55	0217	K	4	8.2	5	0
55	0218	L	5	8.4	5	0
55	0219	K	4	11.3	5	0
55	0220	L	4	11.2	5	0
55	0221	K	5	8.3	5	0
55	0222	L	6	8.5	6	0
55	0223	L	5	11.3	5	0
55	0224	L	4	11.4	5	0
55	0259	K	4	11.3	5	0
55	0260	K	4	11.4	6	0
55	0261	K	5	8.9	4	0

Table 34. Material test needs to fill MAP data gaps for PCC layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
55	0262	L	5	8.4	5	0
55	0263	K	4	10.1	1	2
55	0264	K	4	11	5	0
55	0265	K	4	11.3	6	0
55	0266	K	4	11	0	3
				Totals	**1,537**	**334**

Table 35. Material test needs to fill MAP data gaps for PCC treated base layers by test section and project layer.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		PC06	
					Done	Need	Done	Need
4	0217	G	2	6.1	0	3	6	0
4	0218	G	2	6.2	0	3	3	0
4	0219	G	2	6.2	0	3	6	0
4	0220	G	2	6.2	0	3	3	0
4	0601	E	3	2.7	0	3	0	3
4	0602	E	4	3.6	0	3	0	3
4	0603	E	3	4.2	0	3	0	3
4	0604	E	3	4.9	0	3	0	3
4	0605	E	4	3.9	1	2	0	3
4	0606	E	3	3.9	0	3	0	3
4	0607	E	4	4.1	1	2	0	3
4	0608	E	4	3.9	2	1	0	3
4	0659	E	2	2.7	0	3	0	3
4	0660	E	3	3.5	0	3	0	3
4	0661	E	3	4.2	0	3	0	3
4	0662	E	4	3.9	0	3	0	3
4	0663	E	3	3.4	0	3	0	3
4	0664	E	3	2.7	0	3	0	3
4	0665	E	3	2.7	0	3	0	3
4	0666	E	3	2.7	0	3	0	3
4	0667	E	3	2.7	0	3	0	3
4	0668	E	3	2.7	0	3	0	3
4	0669	E	3	2.7	0	3	0	3
5	0217	H	4	6.3	0	3	6	0
5	0218	H	4	6.4	0	3	6	0
5	0219	H	4	6.1	0	3	6	0
5	0220	H	4	7	0	3	6	0
5	A601	B	2	6.7	1	2	0	3
5	A602	B	2	6	1	2	0	3
5	A603	B	2	6	1	2	0	3
5	A604	B	2	6.2	1	2	0	3
5	A605	B	2	6.3	1	2	0	3
5	A606	B	2	5.7	1	2	0	3
5	A607	B	2	6	0	3	0	3
5	A608	B	2	6	0	3	0	3
6	0205	F	2	6	0	3	4	0
6	0206	F	2	5.9	0	3	4	0
6	0207	F	2	6.2	0	3	4	0
6	0208	F	2	6.6	0	3	4	0
6	0501	F	3	5	0	3	0	3

Table 35. Material test needs to fill MAP data gaps for PCC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		PC06	
					Done	Need	Done	Need
6	0502	F	3	5.5	0	3	0	3
6	0503	F	3	5.5	0	3	0	3
6	0504	F	3	4.9	0	3	0	3
6	0505	F	3	5.2	0	3	0	3
6	0506	F	3	5.3	0	3	0	3
6	0507	F	3	5.4	0	3	0	3
6	0508	F	3	5.6	0	3	0	3
6	0509	F	3	5.3	0	3	0	3
6	0559	F	3	5.8	0	3	0	3
6	0560	F	3	5.8	0	3	0	3
6	0561	F	3	5.6	0	3	0	3
6	0562	F	3	4.1	0	3	0	3
6	0563	F	3	3.8	0	3	0	3
6	0564	F	3	4.4	0	3	0	3
6	0565	F	3	4.7	0	3	0	3
6	0566	F	3	5.6	0	3	0	3
6	0567	F	3	5.5	0	3	0	3
6	0568	F	3	5	0	3	0	3
6	0569	F	3	5.3	0	3	0	3
6	0570	F	3	5.5	0	3	0	3
6	0571	F	3	5.7	0	3	0	3
6	0602	D	2	4.1	0	3	0	3
6	0603	D	2	4	0	3	0	3
6	0604	D	2	5.1	0	3	0	3
6	0605	D	2	4.5	0	3	0	3
6	0606	D	2	4.5	0	3	0	3
6	0607	D	2	4.6	0	3	0	3
6	0608	D	2	4.4	0	3	0	3
6	0659	D	2	4.9	0	3	0	3
6	0660	D	2	8.1	0	3	0	3
6	0661	D	2	4.9	0	3	0	3
6	0662	D	2	5.1	0	3	0	3
6	0663	D	2	5.4	0	3	0	3
6	0664	D	2	5.1	0	3	0	3
8	0217	L	2	6.7	0	3	2	1
8	0218	L	2	6.2	0	3	0	3
8	0219	L	2	6.1	0	3	0	3
8	0220	L	2	6.2	0	3	1	2
10	0160	E	3	5.6	0	3	0	3
10	0205	I	3	5.5	0	3	3	0

Table 35. Material test needs to fill MAP data gaps for PCC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		PC06	
					Done	Need	Done	Need
10	0206	I	3	6.1	0	3	5	0
10	0207	I	3	6.9	0	3	10	0
10	0208	I	3	6	0	3	8	0
19	0217	G	3	6.5	0	3	6	0
19	0218	G	3	6.4	0	3	6	0
19	0219	G	3	6.8	0	3	6	0
19	0220	G	3	6.9	0	3	6	0
20	0201	B	2	6	0	3	0	3
20	0202	B	2	6	0	3	0	3
20	0203	B	2	6	0	3	0	3
20	0204	B	2	6	0	3	0	3
20	0205	B	2	6	0	3	0	3
20	0205	G	3	6	0	3	0	3
20	0206	B	2	6	0	3	0	3
20	0206	G	3	6	0	3	0	3
20	0207	B	2	6	0	3	0	3
20	0207	G	3	5.9	0	3	0	3
20	0208	B	2	6	0	3	0	3
20	0208	G	3	6	0	3	0	3
20	0209	B	2	6	0	3	0	3
20	0210	B	2	6	0	3	0	3
20	0211	B	2	6	0	3	0	3
20	0212	B	2	6	0	3	0	3
20	0259	B	2	6	0	3	0	3
20	0259	F	3	6	0	3	0	3
24	0501	B	2	6	0	3	0	3
24	0501	D	4	4.2	0	3	0	3
24	0504	B	2	7	0	3	0	3
24	0504	D	4	4.1	0	3	0	3
24	0505	B	2	8.9	0	3	0	3
24	0505	D	4	3.7	1	2	0	3
24	0506	B	2	7	0	3	0	3
24	0506	D	4	4.3	0	3	0	3
24	0507	B	2	7	0	3	0	3
24	0507	D	4	4.1	0	3	0	3
24	0509	B	2	7.4	0	3	0	3
24	0509	D	4	3.5	2	1	0	3
24	0559	B	2	7.7	0	3	0	3
24	0559	D	4	3.6	2	1	0	3
24	0560	B	2	5.9	0	3	0	3

Table 35. Material test needs to fill MAP data gaps for PCC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		PC06	
					Done	Need	Done	Need
24	0560	D	4	4.1	2	1	0	3
24	0561	B	2	6.8	0	3	0	3
24	0561	D	4	4.3	2	1	0	3
24	0562	B	2	6.8	0	3	0	3
24	0562	D	4	4.3	0	3	0	3
24	0563	B	2	5.9	0	3	0	3
24	0563	D	4	3.7	0	3	0	3
26	0217	G	3	6.2	0	3	2	1
26	0218	G	3	6.9	0	3	1	2
26	0219	G	3	6.3	0	3	2	1
26	0220	G	3	5.8	0	3	2	1
32	0101	C	2	12	0	3	0	3
32	0102	C	2	12	0	3	0	3
32	0103	C	2	12	0	3	0	3
32	0104	C	2	12	0	3	0	3
32	0105	C	2	12	0	3	0	3
32	0106	C	2	12	0	3	0	3
32	0107	C	2	12	0	3	0	3
32	0108	C	2	12	0	3	0	3
32	0109	C	2	12	0	3	0	3
32	0110	C	2	12	0	3	0	3
32	0111	C	2	12	0	3	0	3
32	0112	C	2	12	0	3	0	3
37	0205	J	3	6.5	0	3	0	3
37	0206	J	3	6.7	0	3	0	3
37	0207	J	3	5.6	0	3	0	3
37	0208	J	3	5.9	0	3	0	3
38	0217	D	3	6.5	0	3	5	0
38	0218	D	3	6.6	0	3	6	0
38	0219	D	3	6.5	0	3	5	0
38	0220	D	3	6.7	0	3	6	0
38	0262	D	3	6.6	0	3	6	0
39	0205	F	2	6.2	0	3	6	0
39	0206	F	2	5.9	0	3	6	0
39	0207	F	2	6.3	0	3	6	0
39	0208	F	2	6.3	0	3	6	0
39	0261	D	3	4.2	0	3	0	3
39	0262	D	3	4	0	3	0	3
39	0264	D	3	4	0	3	5	0
40	0113	C	2	8	0	3	0	3

Table 35. Material test needs to fill MAP data gaps for PCC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		PC06	
					Done	Need	Done	Need
40	0114	C	2	8	0	3	0	3
40	0115	C	2	8	0	3	0	3
40	0116	C	2	8	0	3	0	3
40	0117	C	2	8	0	3	0	3
40	0118	C	2	8	0	3	0	3
40	0119	C	2	8	0	3	0	3
40	0120	C	2	8	0	3	0	3
40	0121	C	2	8	0	3	0	3
40	0122	C	2	8	0	3	0	3
40	0123	C	2	8	0	3	0	3
40	0124	C	2	8	0	3	0	3
40	0160	C	2	8	0	3	0	3
46	0601	C	2	4	0	3	0	3
46	0602	C	2	4.4	0	3	0	3
46	0603	C	2	4.4	0	3	0	3
46	0604	C	2	3.6	0	3	0	3
46	0605	C	2	4	0	3	0	3
46	0606	C	2	4.4	0	3	0	3
46	0607	C	2	5.6	0	3	0	3
46	0608	C	2	5.3	0	3	0	3
46	0660	C	2	5.5	0	3	0	3
46	0661	C	2	5.5	0	3	0	3
46	0662	C	2	5.5	0	3	0	3
46	0859	B	2	2.5	0	3	0	3
47	0601	D	2	6	0	3	0	3
47	0602	D	2	6	1	2	0	3
47	0603	D	2	7.5	1	2	0	3
47	0604	D	2	6.6	0	3	0	3
47	0605	D	2	7.5	0	3	0	3
47	0606	D	2	7.5	0	3	0	3
47	0607	D	2	6.6	0	3	0	3
47	0608	D	2	6.6	1	2	0	3
47	0661	D	2	6.6	0	3	0	3
47	0662	D	2	6.6	0	3	0	3
48	0166	C	2	24	0	3	0	3
48	A502	B	2	8	0	3	0	3
48	A503	B	2	8	0	3	0	3
48	A504	B	2	8	0	3	0	3
48	A505	B	2	8	0	3	0	3
48	A506	B	2	8	2	1	0	3

Table 35. Material test needs to fill MAP data gaps for PCC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		PC06	
					Done	Need	Done	Need
48	A507	B	2	8	0	3	0	3
48	A508	B	2	8	0	3	0	3
48	A509	B	2	8	0	3	0	3
53	0205	H	4	6.1	0	3	6	0
53	0206	H	4	6.2	0	3	6	0
53	0207	H	4	6.1	0	3	6	0
53	0208	H	4	6.5	0	3	6	0
55	0217	J	3	6	0	3	4	0
55	0218	J	4	5.9	0	3	4	0
55	0219	J	3	5.9	0	3	4	0
55	0220	J	3	6.2	0	3	4	0
55	0261	I	4	7	0	3	1	2
				Totals	**24**	**612**	**216**	**511**

Table 36. Material test needs to fill MAP data gaps for AC treated base layers by test section and project layer.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		AC01		AC02	
					Done	Need	Done	Need	Done	Need
1	0103	H	2	7.4	0	3	4	0	4	0
1	0104	H	2	11.7	0	3	1	2	1	2
1	0105	H	3	3.9	0	3	4	0	4	0
1	0106	H	3	8.5	0	3	4	0	4	0
1	0107	G	3	3.6	0	3	0	3	0	3
1	0108	G	3	4.2	0	3	0	3	0	3
1	0109	G	3	4.2	0	3	0	3	0	3
1	0110	G	3	3.5	0	3	0	3	0	3
1	0110	H	4	4.2	0	3	1	2	0	3
1	0111	G	3	3.7	0	3	0	3	0	3
1	0111	H	4	7.9	0	3	0	3	0	3
1	0112	G	3	3.3	0	3	0	3	0	3
1	0112	H	4	12.4	0	3	4	0	0	3
1	0161	H	3	6.1	0	3	0	3	2	1
1	0162	H	2	10	0	3	4	0	4	0
1	0163	G	4	4	0	3	0	3	0	3
1	0163	H	5	6.1	0	3	4	0	0	3
4	0115	F	2	8.5	0	3	4	0	4	0
4	0116	F	2	12.1	0	3	4	0	4	0
4	0117	F	3	4	0	3	6	0	6	0
4	0118	F	3	7.7	0	3	6	0	6	0
4	0119	G	3	4.5	0	3	0	3	0	3
4	0120	G	3	4.3	0	3	4	0	0	3
4	0121	G	3	4.2	0	3	6	0	0	3
4	0122	F	4	4	0	3	4	0	4	0
4	0122	G	3	4.6	0	3	4	0	0	3
4	0123	F	3	7.9	0	3	10	0	6	0
4	0123	G	2	3.8	0	3	6	0	0	3
4	0124	F	3	11.7	0	3	4	0	4	0
4	0124	G	2	4.1	0	3	4	0	0	3
4	0221	F	3	4.2	0	3	0	3	0	3
4	0222	F	3	3.9	0	3	0	3	0	3
4	0223	F	3	4.1	0	3	0	3	0	3
4	0224	F	3	4.4	0	3	0	3	0	3
4	0263	F	3	4.4	0	3	0	3	0	3
4	0264	F	3	3.8	0	3	0	3	0	3
4	0266	E	2	3.9	0	3	2	1	2	1
4	0267	E	2	3.9	0	3	2	1	2	1
4	0268	E	2	3.8	0	3	3	0	3	0
5	0115	F	2	7.4	0	3	4	0	0	3

See notes at end of table.

Table 36. Material test needs to fill MAP data gaps for AC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		AC01		AC02	
					Done	Need	Done	Need	Done	Need
5	0116	F	2	12	0	3	4	0	0	3
5	0117	F	3	4	0	3	12	0	3	0
5	0118	F	3	7.9	0	3	6	0	4	0
5	0119	E	3	3.2	0	3	6	0	0	3
5	0120	E	3	3.1	0	3	6	0	0	3
5	0121	E	3	2.9	0	3	4	0	0	3
5	0122	E	3	3.3	0	3	3	0	0	3
5	0122	F	4	4.2	0	3	3	0	0	3
5	0123	E	3	3.5	0	3	4	0	0	3
5	0123	F	4	8.3	0	3	4	0	4	0
5	0124	E	3	3.7	0	3	5	0	0	3
5	0124	F	4	11.1	0	3	6	0	4	0
5	0221	G	4	4.3	0	3	0	3	0	3
5	0222	G	4	2.4	0	3	0	3	0	3
5	0223	G	4	3.9	0	3	0	3	0	3
5	0224	G	4	3.2	0	3	0	3	0	3
6	0209	E	3	3.6	0	3	0	3	0	3
6	0210	E	3	3.8	0	3	0	3	0	3
6	0211	E	3	3.4	0	3	0	3	0	3
6	0212	E	3	3.7	0	3	0	3	0	3
8	0221	K	3	3.8	0	3	0	3	0	3
8	0222	K	3	4.5	0	3	0	3	0	3
8	0223	K	3	4.2	0	3	0	3	0	3
8	0224	K	3	4.6	0	3	0	3	0	3
8	0501	D	2	4.1	1	2	0	3	0	3
8	0502	D	2	2.5	0	3	0	3	0	3
8	0503	D	2	2.5	0	3	0	3	0	3
8	0504	D	2	2.3	0	3	0	3	0	3
8	0505	D	2	3	1	2	0	3	0	3
8	0506	D	2	3	0	3	0	3	0	3
8	0507	D	2	1	0	3	0	3	0	3
8	0508	D	2	1.6	1	2	0	3	0	3
8	0509	D	2	2.3	0	3	0	3	0	3
8	0559	D	2	3.7	0	3	0	3	0	3
8	0560	D	2	2.5	0	3	0	3	0	3
10	0103	G	3	8	0	3	4	0	4	0
10	0104	G	3	12	0	3	0	3	0	3
10	0105	G	4	4.4	0	3	5	0	1	2
10	0106	G	4	8.5	0	3	5	0	5	0
10	0107	H	4	3.8	0	3	0	3	1	2

See notes at end of table.

Table 36. Material test needs to fill MAP data gaps for AC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		AC01		AC02	
					Done	Need	Done	Need	Done	Need
10	0108	H	4	3.7	0	3	0	3	0	3
10	0109	H	4	4.2	0	3	0	3	0	3
10	0110	G	5	4.1	0	3	1	2	1	2
10	0110	H	4	3.6	0	3	0	3	0	3
10	0111	G	5	8.7	0	3	1	2	1	2
10	0111	H	4	3.9	0	3	0	3	0	3
10	0112	G	5	12.3	0	3	4	0	4	0
10	0112	H	4	3.4	0	3	0	3	0	3
10	0159	G	4	6.6	0	3	3	0	3	0
10	0160	G	4	5.6	0	3	1	2	1	2
10	0209	H	4	4.7	0	3	0	3	0	3
10	0210	H	4	3.8	0	3	0	3	0	3
10	0211	H	4	3.7	0	3	0	3	0	3
10	0212	H	4	3.7	0	3	0	3	0	3
12	0103	F	2	8	0	3	6	0	6	0
12	0104	F	2	12.1	0	3	4	0	4	0
12	0105	F	3	4	0	3	4	0	4	0
12	0106	F	3	8.4	0	3	6	0	6	0
12	0107	E	3	4.1	0	3	0	3	0	3
12	0108	E	3	4	0	3	0	3	0	3
12	0109	E	3	4.1	0	3	0	3	0	3
12	0110	E	3	4.1	0	3	0	3	0	3
12	0110	F	4	4.1	0	3	4	0	4	0
12	0111	E	3	4	0	3	0	3	0	3
12	0111	F	4	8.2	0	3	4	0	4	0
12	0112	E	3	3.9	0	3	0	3	0	3
12	0112	F	4	12.4	0	3	6	0	6	0
13	0501	C	3	11	0	3	0	3	0	3
13	0502	C	3	11	0	3	0	3	0	3
13	0503	C	3	11.4	0	3	0	3	0	3
13	0504	C	3	11.3	0	3	0	3	0	3
13	0505	C	3	11.3	0	3	0	3	0	3
13	0506	C	3	11.4	0	3	0	3	0	3
13	0507	C	3	11.6	0	3	0	3	2	1
13	0508	C	3	11.4	0	3	0	3	0	3
13	0509	C	3	11.2	0	3	0	3	2	1
13	0560	C	3	15.2	0	3	0	3	0	3
13	0561	C	3	15.6	0	3	0	3	0	3
13	0562	C	3	15.2	0	3	0	3	0	3
13	0563	C	3	15.1	0	3	0	3	2	1

See notes at end of table.

Table 36. Material test needs to fill MAP data gaps for AC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		AC01		AC02	
					Done	Need	Done	Need	Done	Need
13	0564	C	3	15.2	0	3	0	3	0	3
13	0565	C	3	15.6	0	3	0	3	2	1
13	0566	C	3	14.4	0	3	0	3	0	3
13	0567	C	3	14.7	0	3	0	3	0	3
19	0103	J	3	8.4	0	3	4	0	0	3
19	0104	J	3	12.4	0	3	5	0	0	3
19	0105	J	4	4.7	0	3	6	0	4	0
19	0106	J	4	9	0	3	7	0	4	0
19	0108	I	4	4.6	0	3	5	0	0	3
19	0109	I	4	4.9	0	3	4	0	0	3
19	0110	I	3	4.4	0	3	4	0	0	3
19	0110	J	4	3.2	0	3	5	0	0	3
19	0111	I	3	4.3	0	3	4	0	0	3
19	0111	J	4	7.5	0	3	4	0	0	3
19	0112	I	3	4.1	0	3	6	0	0	3
19	0112	J	4	12.4	0	3	10	0	4	0
19	0159	J	4	9	0	3	0	3	0	3
19	0221	F	4	3.9	0	3	0	3	0	3
19	0222	F	4	3.4	0	3	0	3	0	3
19	0223	F	4	3.5	0	3	0	3	0	3
19	0224	F	4	4.9	0	3	0	3	0	3
20	0209	D	4	3.9	0	3	0	3	0	3
20	0210	D	4	3.7	0	3	0	3	0	3
20	0211	D	4	4.2	0	3	0	3	0	3
20	0212	D	4	4.4	0	3	0	3	0	3
22	0115	G	3	9	0	3	4	0	1	2
22	0116	G	3	11.3	0	3	4	0	1	2
22	0117	G	4	3.9	0	3	6	0	4	0
22	0118	G	4	7	0	3	6	0	4	0
22	0119	F	4	3.7	0	3	6	0	0	3
22	0120	F	4	3.9	0	3	4	0	0	3
22	0121	F	4	3.9	0	3	3	0	0	3
22	0122	F	4	3.7	0	3	4	0	0	3
22	0122	G	5	3.4	0	3	4	0	1	2
22	0123	F	4	4.2	0	3	3	0	0	3
22	0123	G	5	7.3	0	3	4	0	0	3
22	0124	F	4	3.6	0	3	5	0	0	3
22	0124	G	5	10.6	0	3	10	0	4	0
26	0115	G	2	9.6	0	3	4	0	6	0
26	0116	G	2	12	0	3	0	3	4	0

See notes at end of table.

Table 36. Material test needs to fill MAP data gaps for AC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		AC01		AC02	
					Done	Need	Done	Need	Done	Need
26	0117	G	3	5.2	0	3	0	3	4	0
26	0118	G	3	8.3	0	3	4	0	6	0
26	0119	F	3	4	0	3	0	3	0	3
26	0120	F	3	4	0	3	0	3	0	3
26	0121	F	3	4	0	3	0	3	0	3
26	0122	F	3	4	0	3	0	3	0	3
26	0122	G	4	4.3	0	3	4	0	6	0
26	0123	F	3	4	0	3	0	3	0	3
26	0123	G	4	8	0	3	0	3	4	0
26	0124	F	3	4	0	3	0	3	0	3
26	0124	G	4	12.2	0	3	1	2	4	0
26	0159	F	4	4	0	3	0	3	0	3
26	0221	E	4	4.2	0	3	0	3	0	3
26	0222	E	4	4.2	0	3	0	3	0	3
26	0223	E	4	4.1	0	3	0	3	0	3
26	0224	E	4	4.3	0	3	0	3	0	3
26	0259	F	4	4	0	3	0	3	0	3
30	0115	D	2	9.1	0	3	0	3	0	3
30	0116	D	2	12.6	0	3	1	2	1	2
30	0117	D	3	4.6	0	3	4	0	4	0
30	0118	D	3	8.5	0	3	4	0	4	0
30	0119	C	3	4.7	0	3	0	3	0	3
30	0120	C	3	4.6	0	3	0	3	0	3
30	0121	C	3	4.3	0	3	0	3	0	3
30	0122	C	2	4.3	0	3	0	3	0	3
30	0122	D	3	4.1	0	3	1	2	1	2
30	0123	C	2	4.5	0	3	0	3	0	3
30	0123	D	3	8.4	0	3	0	3	0	3
30	0124	C	2	4.2	0	3	0	3	0	3
30	0124	D	3	13.7	0	3	5	0	5	0
32	0103	G	4	8.8	1	2	5	0	6	0
32	0104	G	4	12.4	3	0	0	3	4	0
32	0105	G	5	4.8	4	0	0	3	4	0
32	0106	G	5	8.8	2	1	4	0	6	0
32	0107	F	5	4.1	0	3	0	3	0	3
32	0108	F	5	4.5	0	3	0	3	0	3
32	0109	F	5	4	0	3	0	3	0	3
32	0110	F	4	4.4	0	3	0	3	0	3
32	0110	G	5	4.2	4	0	0	3	3	0
32	0111	F	4	4.4	0	3	0	3	0	3

See notes at end of table.

Table 36. Material test needs to fill MAP data gaps for AC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		AC01		AC02	
					Done	Need	Done	Need	Done	Need
32	0111	G	5	8.4	4	0	0	3	4	0
32	0112	F	4	4.2	0	3	0	3	0	3
32	0112	G	5	12.4	1	2	5	0	6	0
35	0103	K	2	7.2	0	3	4	0	3	0
35	0104	K	2	11.1	0	3	4	0	3	0
35	0105	K	3	4	0	3	6	0	6	0
35	0106	K	3	8	0	3	6	0	6	0
35	0107	J	3	3.7	0	3	5	0	0	3
35	0108	J	3	4.2	0	3	4	0	0	3
35	0109	J	3	4.5	0	3	3	0	0	3
35	0110	J	3	3.7	0	3	0	3	0	3
35	0110	K	4	4.6	0	3	4	0	4	0
35	0111	J	3	3.7	0	3	3	0	0	3
35	0111	K	4	7.6	0	3	4	0	4	0
35	0112	J	3	3.1	0	3	2	1	0	3
35	0112	K	4	11.7	0	3	6	0	6	0
37	0209	I	4	5.6	0	3	0	3	0	3
37	0210	I	4	5.3	0	3	0	3	0	3
37	0211	I	4	3.6	0	3	0	3	0	3
37	0212	I	4	4.3	0	3	0	3	0	3
37	0259	H	4	4.4	0	3	0	3	0	3
37	0260	H	4	5.5	0	3	0	3	0	3
38	0221	E	4	4.4	0	3	0	3	0	3
38	0222	E	4	3.8	0	3	0	3	0	3
38	0223	E	4	4.1	0	3	0	3	0	3
38	0224	E	4	4	0	3	0	3	0	3
38	0259	E	4	3.9	0	3	0	3	0	3
38	0263	E	4	3.8	0	3	0	3	0	3
38	0264	E	4	3.9	0	3	0	3	0	3
39	0103	D	2	8	0	3	0	3	0	3
39	0104	D	2	11.8	0	3	1	2	0	3
39	0105	D	3	3.7	0	3	4	0	4	0
39	0106	D	3	7.9	0	3	5	0	4	0
39	0107	C	3	3.9	0	3	0	3	0	3
39	0108	C	3	4	0	3	0	3	0	3
39	0109	C	3	3.9	0	3	0	3	0	3
39	0110	C	2	3.9	0	3	0	3	0	3
39	0110	D	3	3.7	0	3	0	3	0	3
39	0111	C	2	4.3	0	3	0	3	0	3
39	0111	D	3	7.8	0	3	0	3	0	3

See notes at end of table.

Table 36. Material test needs to fill MAP data gaps for AC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		AC01		AC02	
					Done	Need	Done	Need	Done	Need
39	0112	C	2	4	0	3	0	3	0	3
39	0112	D	3	11.8	0	3	4	0	4	0
39	0160	D	3	10.9	0	3	0	3	0	3
39	0209	E	3	4	0	3	0	3	0	3
39	0210	E	3	4.1	0	3	0	3	0	3
39	0211	E	3	3.9	0	3	0	3	0	3
39	0212	E	4	4.4	0	3	0	3	0	3
39	0260	E	4	3.9	0	3	0	3	0	3
39	0265	E	4	3.8	0	3	0	3	0	3
40	0115	F	3	9	0	3	4	0	3	0
40	0116	F	3	11.7	0	3	4	0	3	0
40	0117	F	4	4	0	3	6	0	5	0
40	0118	F	4	8.3	0	3	6	0	6	0
40	0119	G	4	4	0	3	0	3	0	3
40	0120	G	4	5	0	3	0	3	0	3
40	0121	G	4	4.9	0	3	0	3	0	3
40	0122	F	5	3.9	0	3	4	0	4	0
40	0122	G	4	4.8	0	3	0	3	1	2
40	0123	F	5	8.7	0	3	4	0	4	0
40	0123	G	4	4.4	0	3	0	3	0	3
40	0124	F	5	10.9	0	3	6	0	6	0
40	0124	G	4	4.3	0	3	0	3	3	0
40	0160	F	4	4.0	0	3	0	3	3	0
40	0501	C	2	10	0	3	0	3	1	2
40	0502	C	2	10	0	3	0	3	1	2
40	0503	C	2	10	0	3	0	3	0	3
40	0504	C	2	6.7	0	3	1	2	1	2
40	0505	C	2	6	0	3	1	2	0	3
40	0506	C	2	6.7	0	3	0	3	1	2
40	0507	C	2	6.7	0	3	0	3	4	0
40	0508	C	2	10	0	3	0	3	0	3
40	0509	C	2	5.8	0	3	1	2	4	0
40	0560	C	2	6.6	0	3	1	2	0	3
51	0115	K	3	8.6	0	3	4	0	3	0
51	0116	K	3	12.4	0	3	4	0	3	0
51	0117	K	4	4	0	3	6	0	2	1
51	0118	K	4	8	0	3	6	0	2	1
51	0119	L	4	4.4	0	3	6	0	2	1
51	0120	L	4	4.3	0	3	6	0	2	1
51	0121	L	4	4.3	0	3	4	0	2	1

See notes at end of table.

Table 36. Material test needs to fill MAP data gaps for AC treated base layers by test section and project layer—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01		AC01		AC02	
					Done	Need	Done	Need	Done	Need
51	0122	K	5	3.9	0	3	4	0	4	0
51	0122	L	4	3.9	0	3	4	0	4	0
51	0123	K	5	8.1	0	3	4	0	3	0
51	0123	L	4	4.1	0	3	3	0	0	3
51	0124	K	5	12.5	0	3	6	0	5	0
51	0124	L	4	3.4	0	3	5	0	1	2
51	0159	K	5	5.5	0	3	14	0	10	0
51	0159	L	4	4	0	3	14	0	9	0
53	0209	G	5	3.9	0	3	0	3	0	3
53	0210	G	4	3.8	0	3	0	3	0	3
53	0211	G	5	3.9	0	3	0	3	0	3
53	0212	G	5	3.5	0	3	0	3	0	3
53	0259	I	3	2.8	0	3	8	0	8	0
55	0115	E	4	7.5	4	0	0	3	4	0
55	0116	E	4	12	4	0	0	3	4	0
55	0117	E	5	4.6	6	0	0	3	6	0
55	0118	E	5	8.9	6	0	0	3	6	0
55	0119	G	5	3.4	0	3	0	3	0	3
55	0120	G	5	4.8	0	3	0	3	0	3
55	0121	G	4	4.2	0	3	0	3	0	3
55	0122	E	6	4.8	4	0	0	3	4	0
55	0122	G	5	4.9	0	3	0	3	0	3
55	0123	E	5	8.1	4	0	0	3	4	0
55	0123	G	4	4.3	0	3	0	3	0	3
55	0124	E	5	11.7	6	0	0	3	6	0
55	0124	G	4	3.3	0	3	0	3	0	3
55	0221	H	4	3.7	0	3	0	3	0	3
55	0222	H	5	3.9	0	3	0	3	0	3
55	0223	H	4	4.2	0	3	0	3	0	3
55	0224	H	3	3.1	0	3	0	3	0	3
81	0501	C	3	2.9	1	2	0	3	0	3
81	0502	C	3	0	0	0	0	0	0	0
81	0503	C	3	3	1	2	0	3	0	3
81	0504	C	3	1.2	0	3	0	3	0	3
81	0505	C	3	2.5	1	2	0	3	0	3
81	0506	C	3	1.8	0	3	0	3	0	3
81	0507	C	3	1.6	0	3	0	3	0	3
81	0508	C	3	0	0	3	0	3	0	3
81	0509	C	3	0	0	3	0	3	0	3
				Totals	**59**	**911**	**590**	**590**	**435**	**652**

Note: A thickness of 0 indicates the layer existed prior to treatment but was milled during treatment.

Table 37. Material test needs to fill MAP data gaps for treated base layers by test section and project layer.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	TB01	
					Done	Need
46	0859	C	3	4	0	3
48	A502	C	3	14.6	0	3
48	A503	C	3	12.4	0	3
48	A504	C	3	10.6	0	3
48	A505	C	3	15	0	3
48	A506	C	3	15	2	1
48	A507	C	3	15	0	3
48	A508	C	3	14.6	0	3
48	A509	C	3	14.6	0	3
51	0124	I	2	6	0	3
				Totals	**2**	**28**

APPENDIX D. STATUS OF 2009 MAP RESULTS

The status tables contained in this appendix were developed to provide a comparison against the counts performed in 2004 to fill data gaps and provide new and aging tests as part of the MAP. Although some project sites not originally included in the 2004 MAP plan were sampled and tested during the conduct of the MAP, those sites are not contained in these counts in order to provide a relative comparison. Some details associated with these counts are as follows:

- AC and PCC layers with a thickness of less than 1.5 inches are not included in project-level needs (they are in the "done" counts, however).

- Layer thicknesses are based on the most recent construction number. In some cases, the layer has been milled off since the project entered the LTPP program. The tests previously performed on those layers are counted; however, they are not included in the "need" counts, as there is no material to resample.

- Tests performed on unbound layers are not counted by test designation, as multiple test designations can refer to the same physical test (i.e., SS01, UG01 and UG02 are all sieve analyses, and SS02 and UG03 are sieve analyses with hydrometer).

- Requirements for hydrometer analysis on unbound materials were assessed based on the reported material descriptions. Materials that are reported as being substantially fine-grained were judged to need hydrometer testing.

- Treated base and subgrade materials were assigned test requirements as if they were AC, PCC, or unbound materials based on material description.

Table 38. 2009 counts on MAP results for AC tests by project, project layer, and test.

State Code	SHRP ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
1	0100	I	2.2	6.2	5	0	5	0	4	0	5	0	5	0	5	0	5	0	5	0	5	0
1	0100	J	1.1	1.4	6	0	6	0	3	0	6	0	6	0	6	0	6	0	6	0	6	0
1	0500	E	2.2	2.8	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	0	3
1	0500	F	0	1	3	0	3	0	0	0	3	0	3	0	3	0	3	0	3	0	3	0
1	0500	G	1.3	3.7	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
1	0500	H	0.4	2	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
1	0500	I	1.2	3.8	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
1	0500	J	1.6	2	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
1	0600	E	4.2	4.5	3	0	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
1	0600	F	2.3	7.6	3	0	0	3	3	0	0	3	0	3	0	3	0	3	0	3	0	3
1	0600	G	1.1	1.6	3	0	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
4	0100	H	3.9	8.5	4	0	6	0	7	0	4	0	4	0	4	0	4	0	4	0	2	1
4	0100	M	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0100	N	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0200	H	8.9	9.4	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1	0	3
4	0500	D	1.7	4.3	3	0	9	0	0	3	5	0	5	0	3	0	3	0	5	0	4	0
4	0500	E	0	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0500	F	2.4	2.6	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
4	0500	G	1.3	4.7	32	0	36	0	4	0	3	0	3	0	3	0	3	0	32	0	3	0
4	0500	H	2.7	2.8	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
4	0500	I	2.4	4.8	28	0	31	0	4	0	3	0	3	0	3	0	3	0	29	0	2	1
4	0500	J	2.2	2.2	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	0	3
4	0500	K	0.1	0.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0500	L	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0500	M	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0600	G	2	8.4	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
4	0600	I	2	2.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
4	0600	J	0.3	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0100	G	2.5	5.5	9	0	9	0	9	0	9	0	9	0	6	0	6	0	9	0	3	0
5	0100	H	1.4	2	6	0	6	0	8	0	3	0	3	0	3	0	3	0	6	0	3	0
5	0800	G	1.2	1.6	3	0	6	0	3	0	3	0	3	0	3	0	3	0	6	0	3	0
5	0800	I	2.5	5.7	3	0	6	0	3	0	3	0	3	0	3	0	3	0	6	0	3	0
5	A600	D	2.7	7.2	6	0	7	0	3	0	4	0	3	0	4	0	5	0	7	0	3	0
5	A600	E	1.4	2.5	7	0	7	0	3	0	4	0	4	0	4	0	4	0	7	0	3	0
6	0500	G	1.2	4.3	9	0	9	0	1	2	9	0	9	0	0	3	0	3	9	0	0	3

Table 38. 2009 counts on MAP results for AC tests by project, project layer, and test—Continued.

State Code	SHRP ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
6	0500	H	0	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0500	I	2.1	2.6	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	0	3
6	0500	J	1.8	6.6	5	0	4	0	2	1	5	0	5	0	5	0	4	0	5	0	0	3
6	0500	K	1.8	2.4	2	1	2	1	0	3	2	1	2	1	0	3	0	3	2	1	0	3
6	0500	M	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0500	N	3.6	4	2	1	2	1	0	3	2	1	2	1	0	3	0	3	2	1	0	3
6	0500	O	1.9	5	4	0	4	0	3	0	4	0	4	0	4	0	4	0	4	0	0	3
6	0500	P	2	2.1	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	Q	0.6	0.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0500	R	1.7	1.7	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	S	1.6	1.6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	T	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0500	U	3.6	3.6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0500	V	0.1	0.5	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0600	G	0.6	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0600	J	1.4	2.3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
6	0600	K	1.9	8.1	9	0	9	0	1	2	9	0	9	0	9	0	9	0	9	0	9	0
6	A800	C	3.9	6.8	3	0	3	0	4	0	6	0	6	0	3	0	3	0	3	0	3	0
8	0500	E	2.3	6.9	3	0	3	0	2	1	3	0	3	0	0	3	0	3	3	0	0	3
8	0500	F	0.6	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0500	G	2	2.8	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
8	0500	H	2.3	5.1	2	1	2	1	4	0	2	1	2	1	2	1	2	1	2	1	0	3
8	0500	I	2	2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
8	0500	J	4.1	4.2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
8	0500	K	1.7	5.1	2	1	2	1	4	0	2	1	2	1	2	1	2	1	2	1	0	3
8	0500	L	1.9	1.9	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
8	0500	M	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0100	I	2.5	6.2	3	0	5	0	5	0	5	0	4	0	5	0	5	0	5	0	5	0
10	0100	J	0.7	2	3	0	5	0	5	0	7	0	7	0	5	0	5	0	5	0	5	0
10	0100	K	1	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0100	L	2.2	2.2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
12	0100	H	1.9	5.2	3	0	6	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0
12	0100	I	1.7	3.8	3	0	6	0	5	0	6	0	5	0	3	0	3	0	3	0	3	0
12	0100	J	0.5	0.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0500	D	0.3	2.4	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0

Table 38. 2009 counts on MAP results for AC tests by project, project layer, and test—Continued.

State Code	SHRP ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
12	0500	E	1.3	4.4	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	0	3
12	0500	F	2.6	2.7	6	0	6	0	3	0	6	0	6	0	6	0	6	0	6	0	3	0
12	0500	G	0.5	1.1	3	0	3	0	0	0	3	0	3	0	3	0	3	0	3	0	0	0
12	0500	H	1.3	4.5	6	0	6	0	3	0	6	0	6	0	6	0	6	0	6	0	3	0
12	0500	I	2.1	3.5	6	0	6	0	3	0	6	0	6	0	6	0	6	0	6	0	3	0
12	0500	J	0.8	1.1	3	0	3	0	0	0	3	0	3	0	3	0	3	0	3	0	0	0
12	0500	K	0	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0500	M	0.4	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0500	D	0	1.9	3	0	6	0	4	0	3	0	3	0	3	0	3	0	6	0	3	0
13	0500	E	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0500	F	1.1	4.6	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
13	0500	G	1.2	2.3	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
13	0500	H	1.9	5.4	3	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0
13	0500	I	1.1	2.3	3	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0
13	0500	J	0.7	1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0600	G	1.6	6.5	5	0	5	0	3	0	3	0	3	0	3	0	3	0	5	0	3	0
17	0600	H	1.2	2	5	0	5	0	3	0	3	0	3	0	3	0	3	0	5	0	3	0
18	0600	D	2.8	6.7	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
18	0600	E	2	3.2	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
18	0600	F	0.6	1	3	0	3	0	0	0	3	0	3	0	3	0	3	0	3	0	3	0
18	0600	G	2.3	3.2	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
18	0600	H	1.7	3.7	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
18	0600	I	0.6	1.5	3	0	3	0	0	0	3	0	3	0	3	0	3	0	3	0	3	0
19	0100	K	1.5	5.9	6	0	5	0	5	0	6	0	6	0	6	0	6	0	6	0	6	0
19	0100	L	1.5	2.5	3	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0
19	0100	M	2.8	2.8	3	0	3	0	3	0	0	3	0	3	0	3	0	3	3	0	0	3
19	0600	E	2	5.2	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
19	0600	F	1.7	2.7	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
19	0600	G	5.4	6.2	3	0	3	0	3	0	0	3	0	3	0	3	0	3	3	0	0	3
19	0600	H	1.9	2.1	3	0	3	0	3	0	0	3	0	3	0	3	0	3	3	0	0	3
22	0100	H	2.2	8	3	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0
22	0100	I	1.2	1.9	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
23	0500	E	3	3.6	7	0	12	0	4	0	4	0	4	0	3	0	3	0	7	0	3	0
23	0500	F	2.7	3	7	0	12	0	3	0	4	0	4	0	3	0	3	0	7	0	3	0
23	0500	G	1	2.2	7	0	12	0	4	0	4	0	4	0	3	0	3	0	7	0	3	0

Table 38. 2009 counts on MAP results for AC tests by project, project layer, and test—Continued.

State Code	SHRP ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
23	0500	H	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0500	I	1.3	2.3	3	0	5	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
23	0500	J	1.7	2	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
23	0500	K	3.2	3.7	3	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
23	0500	L	2.9	3.5	3	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
23	0500	M	1.8	2.7	3	0	4	0	4	0	3	0	3	0	3	0	3	0	3	0	1	2
23	0500	N	1.9	3.6	3	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0	2	1
24	0500	E	1.8	2.3	13	0	15	0	5	0	13	0	13	0	13	0	13	0	13	0	2	1
24	0500	F	1.2	1.8	13	0	15	0	3	0	12	0	13	0	13	0	13	0	13	0	2	1
24	0500	G	0	1.1	13	0	13	0	0	0	13	0	13	0	3	0	13	0	13	0	0	0
24	0500	H	3.2	4.7	2	1	4	0	4	0	2	1	2	1	3	0	3	0	2	1	3	0
24	0500	I	0.3	3.6	1	2	4	0	4	0	1	2	1	2	0	3	0	3	1	2	3	0
24	0500	J	3.7	4.7	4	0	4	0	3	0	4	0	4	0	3	0	3	0	4	0	3	0
24	0500	K	1.9	2.8	2	1	4	0	3	0	2	1	2	1	3	0	3	0	2	1	3	0
24	0500	L	2.8	2.8	2	1	2	1	1	2	2	1	2	1	0	3	0	3	2	1	0	3
24	0500	M	2.9	2.9	2	1	2	1	1	2	1	2	1	2	0	3	2	1	2	1	0	3
24	0500	N	2.7	2.7	2	1	2	1	2	1	2	1	2	1	0	3	0	3	2	1	0	3
24	0500	O	2.9	2.9	2	1	2	1	1	2	1	2	1	2	2	1	2	1	2	1	0	3
24	0500	P	0.9	3.4	1	2	1	2	2	1	1	2	1	2	1	2	1	2	1	2	0	3
24	0500	Q	1.5	1.8	6	0	6	0	6	0	0	3	0	3	0	3	0	3	6	0	0	3
26	0100	H	2	3.2	10	0	13	0	3	0	13	0	13	0	10	0	10	0	13	0	10	0
26	0100	I	1.5	2.5	3	0	6	0	4	0	4	0	4	0	4	0	4	0	6	0	4	0
26	0100	J	0	1.9	0	3	0	3	3	0	1	2	1	2	0	3	0	3	0	3	0	3
26	0100	K	1.5	2	3	0	3	0	3	0	0	3	0	3	0	3	0	3	3	0	0	3
27	0500	E	4.7	6.4	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
27	0500	F	0	1.7	3	0	3	0	1	2	3	0	3	0	3	0	3	0	3	0	3	0
27	0500	G	2	3.9	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
27	0500	H	1.7	4.7	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
27	0500	I	1.6	2.2	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
27	0500	J	1.6	2	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
28	0800	C	2.9	2.9	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
28	0800	D	1.7	2	3	0	6	0	2	1	4	0	4	0	3	0	3	0	3	0	3	0
28	0800	E	2	2	3	0	6	0	3	0	4	0	4	0	3	0	3	0	3	0	3	0
29	0500	C	5.7	7.7	9	0	12	0	5	0	3	0	3	0	9	0	9	0	9	0	3	0
29	0500	D	0	1.4	9	0	11	0	3	0	2	0	2	0	9	0	9	0	9	0	2	0

Table 38. 2009 counts on MAP results for AC tests by project, project layer, and test—Continued.

State Code	SHRP ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
29	0500	E	2	2.1	5	0	5	0	3	0	5	0	5	0	5	0	5	0	5	0	3	0
29	0500	F	2.1	5	5	0	5	0	4	0	5	0	5	0	5	0	5	0	5	0	3	0
29	0500	G	1.9	4.5	5	0	5	0	3	0	5	0	5	0	5	0	5	0	5	0	3	0
29	0500	H	1.8	2.2	5	0	5	0	2	1	5	0	5	0	5	0	5	0	4	0	3	0
29	0600	D	2.1	11	48	0	88	0	3	0	47	0	46	0	46	0	46	0	47	0	3	0
29	0600	E	1.7	2.3	27	0	51	0	5	0	27	0	26	0	27	0	28	0	27	0	3	0
29	0800	D	2.7	5.5	4	0	7	0	3	0	4	0	4	0	4	0	4	0	4	0	3	0
29	0800	E	2	2	4	0	7	0	3	0	4	0	4	0	4	0	4	0	4	0	3	0
29	A600	F	2.1	6.1	3	0	6	0	3	0	6	0	6	0	6	0	6	0	6	0	6	0
29	A600	H	2	2.3	3	0	6	0	3	0	6	0	6	0	6	0	6	0	6	0	6	0
29	A800	C	2.7	5.3	2	1	2	1	2	1	0	3	0	3	0	3	0	3	0	3	0	3
29	A800	D	1.6	1.6	2	1	2	1	3	0	0	3	0	3	0	3	0	3	2	1	0	3
30	0100	E	4.3	7.6	3	0	6	0	6	0	4	0	4	0	3	0	3	0	3	0	3	0
30	0100	F	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0800	C	4.5	6.9	4	0	4	0	3	0	5	0	5	0	4	0	4	0	4	0	3	0
30	0800	D	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	0100	H	4.1	7.3	3	0	5	0	6	0	5	0	5	0	5	0	3	0	3	0	3	0
34	0500	E	5.3	6.5	3	0	3	0	7	0	3	0	3	0	3	0	3	0	3	0	3	0
34	0500	F	0.9	3.5	3	0	3	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0
34	0500	G	2.6	3.3	6	0	8	0	5	0	3	0	3	0	6	0	6	0	6	0	2	1
34	0500	H	1.7	1.9	6	0	9	0	7	0	3	0	3	0	6	0	6	0	6	0	3	0
34	0500	I	2	2.9	3	0	6	0	10	0	3	0	3	0	3	0	3	0	3	0	3	0
34	0500	J	1.8	1.9	3	0	6	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0
34	0500	L	1	1	3	0	3	0	0	0	1	0	1	0	3	0	3	0	3	0	0	0
34	0500	M	2.6	2.6	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
34	0500	N	2.5	2.5	3	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0
35	0100	L	4.2	7.6	3	0	3	0	6	0	6	0	6	0	3	0	3	0	3	0	3	0
35	0100	M	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0500	C	3.1	3.8	6	0	6	0	3	0	6	0	6	0	6	0	6	0	6	0	6	0
35	0500	D	1.4	3.7	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
35	0500	E	0	1.7	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
35	0500	F	0	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
35	0500	G	1	7.3	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
35	0500	H	2.1	7.2	3	0	3	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
35	0500	I	0.6	1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 38. 2009 counts on MAP results for AC tests by project, project layer, and test—Continued.

State Code	SHRP ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
35	0500	J	2	2	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
35	0800	C	4.2	7	3	0	3	0	3	0	6	0	6	0	3	0	3	0	3	0	3	0
36	0800	E	3.9	4.6	7	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
36	0800	F	1.4	3.8	11	0	3	0	3	0	4	0	4	0	3	0	3	0	3	0	3	0
36	0800	G	0.9	1.2	19	0	3	0	2	0	4	0	4	0	3	0	3	0	3	0	3	0
37	0200	L	1.2	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	0800	D	2.7	2.7	3	0	4	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
37	0800	E	2.2	2.4	3	0	5	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
37	0800	F	1.4	1.8	3	0	6	0	2	1	3	0	3	0	3	0	3	0	3	0	3	0
39	0100	E	2.1	5.5	14	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0	4	0
39	0100	F	1.7	1.9	14	0	4	0	5	0	4	0	4	0	4	0	4	0	4	0	4	0
40	0100	H	2.3	6.5	3	0	3	0	4	0	9	0	9	0	3	0	3	0	3	0	3	0
40	0100	I	1.5	2	3	0	3	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0
40	0500	D	2	2.9	0	3	10	0	3	0	3	0	3	0	3	0	3	0	10	0	3	0
40	0500	E	0	1.6	7	0	9	0	3	0	7	0	7	0	3	0	3	0	10	0	6	0
40	0500	F	2.5	3	3	0	3	0	1	2	3	0	3	0	3	0	3	0	3	0	3	0
40	0500	G	1.7	3.1	3	0	6	0	1	2	3	0	3	0	3	0	3	0	4	0	3	0
40	0500	H	2.5	3	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
40	0500	I	1.8	3.8	3	0	6	0	3	0	3	0	3	0	3	0	3	0	4	0	3	0
40	0600	D	1.8	4.4	7	0	7	0	2	1	6	0	6	0	6	0	6	0	7	0	3	0
40	0600	E	5.8	5.8	4	0	4	0	3	0	3	0	3	0	3	0	3	0	4	0	3	0
40	0600	G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	0600	H	1.4	1.4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
42	0600	D	3	8	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
42	0600	E	2.3	2.7	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
42	0600	F	1.7	1.9	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
42	0600	G	3	3	3	0	4	0	3	0	4	0	4	0	3	0	3	0	3	0	3	0
42	0600	H	2.4	2.6	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
42	0600	I	1.7	1.9	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
42	0600	J	0.8	1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0600	D	2.3	4.6	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
46	0600	E	1.5	2.2	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
46	0600	F	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0600	G	0.5	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0600	H	0.6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 38. 2009 counts on MAP results for AC tests by project, project layer, and test—Continued.

State Code	SHRP ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
46	0600	I	3.1	3.6	0	3	0	3	2	1	0	3	0	3	0	3	0	3	0	3	0	3
46	0600	J	0.2	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
46	0800	E	2.6	6.9	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
47	0600	F	2.5	7	1	2	1	2	0	3	1	2	1	2	1	2	1	2	1	2	1	2
47	0600	G	0.4	0.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	0600	H	1	1.4	4	0	4	0	0	0	4	0	4	0	4	0	4	0	4	0	4	0
48	0100	M	2.1	5.2	4	0	4	0	9	0	6	0	6	0	4	0	4	0	3	0	3	0
48	0100	N	0	2.4	1	2	3	0	9	0	3	0	3	0	1	2	1	2	3	0	3	0
48	0100	O	1.9	2.4	6	0	9	0	2	1	8	0	7	0	6	0	6	0	6	0	2	1
48	0800	D	2.1	4	4	0	7	0	3	0	3	0	3	0	3	0	3	0	4	0	3	0
48	0800	E	2.3	2.5	4	0	7	0	3	0	3	0	4	0	3	0	3	0	4	0	3	0
48	A500	D	7.3	8.2	3	0	6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
48	A500	E	0	1.5	3	0	6	0	2	0	3	0	3	0	3	0	3	0	3	0	3	0
48	A500	F	2.2	5.2	8	0	8	0	3	0	8	0	8	0	8	0	3	0	8	0	3	0
48	A500	G	2	2.1	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
48	A500	H	1.9	4.9	3	0	6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
48	A500	I	1.9	2.2	3	0	6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
49	0800	D	4.9	7.1	3	0	6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
49	0800	E	0.1	0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0100	O	2	5	6	0	9	0	5	0	5	0	6	0	6	0	6	0	6	0	3	0
51	0100	P	1.3	3.4	3	0	4	0	3	0	3	0	3	0	2	1	2	1	2	1	3	0
53	0800	F	3.7	6.8	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
53	0800	G	0.3	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
55	0100	J	1.9	5.8	3	0	6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
55	0100	K	1.6	2.1	3	0	6	0	3	0	6	0	6	0	3	0	3	0	3	0	3	0
55	0800	C	2.4	5.1	3	0	6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
55	0800	D	2.1	2.1	3	0	6	0	3	0	6	0	6	0	3	0	3	0	3	0	3	0
81	0500	D	2.9	6.3	3	0	6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
81	0500	E	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
81	0500	F	2	2	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
81	0500	G	1.8	5	3	0	6	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0
81	0500	H	1.7	1.8	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
81	0500	I	2.1	4.8	3	0	6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
83	0500	G	1.7	2.8	5	0	8	0	3	0	3	0	3	0	3	0	3	0	5	0	5	0
83	0500	H	0.8	2.4	5	0	8	0	4	0	3	0	3	0	3	0	3	0	5	0	5	0

Table 38. 2009 counts on MAP results for AC tests by project, project layer, and test—Continued.

State Code	SHRP ID	Project Layer	Thickness		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
83	0500	I	0	0.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
83	0500	J	2.7	6.6	3	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
83	0500	K	3.1	6.8	3	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
83	0500	L	0.2	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals					**893**	**72**	**1,101**	**72**	**607**	**97**	**764**	**96**	**761**	**96**	**700**	**113**	**706**	**111**	**874**	**79**	**514**	**143**

Table 39. 2009 counts on MAP results for PCC tests by project, project layer, and test.

State Code	Project ID	Project Layer	Thickness		PC01		PC02		PC03		PC04		PC08	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
1	0600	D	10	10.7	14	0	8	0	5	0	3	0	3	0
4	0100	J	15	15	0	3	0	3	0	2	0	3	0	3
4	0100	K	11	11.2	21	0	21	0	0	2	6	0	0	3
4	0200	I	7.9	12.3	65	0	59	0	2	0	27	0	2	1
4	0200	J	8.3	11.2	26	0	28	0	2	0	10	0	1	2
4	0600	F	7.9	8.5	14	0	15	0	0	2	0	3	0	3
4	0600	H	10	10	0	3	0	3	5	0	0	3	0	3
5	0200	I	8.3	11.5	21	0	9	0	8	0	9	0	3	0
5	0200	K	8.2	11	21	0	12	0	11	0	9	0	3	0
5	0800	H	8.7	11.5	9	0	6	0	10	0	3	0	3	0
5	A600	C	9	10.2	4	0	10	0	10	0	3	0	3	0
6	0200	G	8.2	12.1	33	0	15	0	2	0	12	0	3	0
6	0200	H	8	11.1	32	0	17	0	6	0	12	0	3	0
6	0600	E	8	8.7	3	0	1	2	9	0	3	0	2	1
6	0600	H	1	1	0	0	0	0	0	0	0	0	0	0
6	0800	C	8.3	10.6	20	0	13	0	2	0	3	0	3	0
8	0200	M	8.3	11.7	53	0	53	0	12	0	14	0	3	0
8	0200	N	7.6	11.9	57	0	53	0	4	0	16	0	3	0
8	0200	O	12	11.9	18	0	18	0	0	2	5	0	1	2
8	0800	E	8.9	12.9	15	0	15	0	3	0	6	0	3	0
10	0200	J	8.2	11.8	34	0	20	0	3	0	3	0	6	0
10	0200	K	8.3	12.4	29	0	26	0	1	1	8	0	4	0
10	0200	L	10	10.2	17	0	6	0	2	0	2	1	1	2
17	0600	C	10	10.2	12	0	7	0	3	0	11	0	3	0
17	0600	D	10	10.1	1	2	3	0	0	2	0	3	0	3
17	0600	E	10	10	0	3	0	3	0	2	0	3	0	3
18	0600	C	9.9	11	3	0	3	0	11	0	3	0	3	0
19	0200	H	8.1	12.5	26	0	27	0	17	0	12	0	3	0

Table 39. 2009 counts on MAP results for PCC tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		PC01		PC02		PC03		PC04		PC08	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
19	0200	I	8.3	11.5	26	0	27	0	5	0	12	0	3	0
19	0200	J	8.4	8.4	0	3	0	3	0	2	0	3	0	3
19	0600	C	9.9	10.2	3	0	3	0	78	0	3	0	3	0
20	0200	H	7.5	11.2	42	0	36	0	0	2	13	0	3	0
20	0200	I	7.5	11.3	35	0	33	0	0	2	14	0	3	0
20	0200	J	12	11.9	23	0	21	0	0	2	2	1	0	3
26	0200	H	8.1	11.3	26	0	27	0	1	1	12	0	4	0
26	0200	I	7.3	11.3	28	0	27	0	10	0	5	0	4	0
26	0200	J	11	11.3	6	0	6	0	0	2	2	1	0	3
29	0600	C	8.9	9.7	21	0	25	0	6	0	16	0	3	0
29	0800	F	7.9	10	3	0	3	0	0	2	3	0	3	0
29	A600	D	7	7.5	11	0	13	0	2	0	9	0	3	0
29	A800	E	8.6	11.1	9	0	9	0	0	2	3	0	1	2
37	0200	K	8	11.6	31	0	38	0	7	0	13	0	0	3
37	0200	M	8.4	11.2	41	0	29	0	2	0	11	0	0	3
37	0200	N	10	10.2	6	0	6	0	0	2	2	1	0	3
38	0200	G	7.9	11.1	40	0	21	0	0	2	17	0	3	0
38	0200	H	7.9	11.1	24	0	13	0	1	1	11	0	3	0
38	0200	I	10	11.1	15	0	9	0	0	2	4	0	0	3
39	0200	G	7.9	11.3	27	0	26	0	6	0	9	0	3	0
39	0200	H	7.9	11.1	25	0	23	0	1	1	9	0	3	0
39	0200	I	11	11.6	30	0	27	0	0	2	12	0	0	3
39	0800	F	7.9	11	18	0	18	0	3	0	6	0	3	0
40	0600	C	8.8	9.1	8	0	8	0	11	0	5	0	3	0
40	0600	F	9	9.2	2	1	2	1	0	2	1	2	0	3
42	0600	C	10	10.6	9	0	10	0	2	0	3	0	3	0
46	0600	C	6.5	7.7	5	0	4	0	0	2	2	1	3	0
47	0600	E	8.9	9.2	9	0	10	0	0	2	5	0	0	3

Table 39. 2009 counts on MAP results for PCC tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		PC01		PC02		PC03		PC04		PC08	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
47	0600	I	8.6	8.8	2	1	2	1	0	2	1	2	0	3
48	A800	C	8.3	12.3	16	0	30	0	0	2	7	0	5	0
53	0200	J	8.5	11.8	29	0	30	0	0	2	12	0	0	3
53	0200	K	8.3	11.3	27	0	27	0	0	2	11	0	2	1
53	0200	L	10	10.3	18	0	18	0	0	2	6	0	1	2
53	A800	E	8.5	10.9	18	0	18	0	1	1	6	0	4	0
55	0200	L	8.2	11.8	38	0	32	0	2	0	12	0	3	0
55	0200	M	8.3	11.7	22	0	21	0	1	1	7	0	3	0
				Totals	**1,241**	**16**	**1,097**	**16**	**267**	**56**	**446**	**27**	**131**	**67**

Table 40. 2009 counts on MAP results for unbound material tests by project, project layer, and test.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Hydrometer		Atterberg Limits		Resilient Modulus		Specific Gravity		DCP	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
1	0100	A	SS	145			4	0	4	0	4	0	2	1	3	0	7	0
1	0100	C	SS	114			11	0	11	0	11	0	7	0	7	0	27	0
1	0100	D	SS	143			2	1	2	1	2	1	2	1	2	1	13	0
1	0100	E	GB	303	4	12	9	0	0	0	9	0	3	0	3	0	29	0
1	0500	A	SS	214			10	0	10	0	10	0	3	0	2	1	10	0
1	0500	B	GS	310	5.4	6	14	0	0	0	14	0	8	0	4	0	11	0
1	0500	C	GB	308	10.4	10.7	8	0	0	0	8	0	5	0	2	1	4	0
1	0500	D	GB	304	10.6	11	10	0	0	0	10	0	3	0	1	2	7	0
1	0500	K	SS	216			3	0	3	0	3	0	1	2	1	2	1	2
1	0600	A	SS	114			4	0	4	0	4	0	3	0	3	0	5	0
1	0600	B	SS	266			6	0	6	0	6	0	3	0	3	0	3	0
1	0600	C	GB	303	6	6.3	8	0	0	0	8	0	3	0	3	0	8	0
4	0100	A	SS	211			4	0	4	0	4	0	3	0	1	2	3	0
4	0100	B	SS	215	132	132	7	0	7	0	7	0	4	0	1	2	6	0
4	0100	C	SS	217			2	1	2	1	2	1	0	3	1	2	1	2
4	0100	D	SS	261			7	0	7	0	7	0	4	0	3	0	5	0
4	0100	E	GB	304	3.8	12	5	0	0	0	5	0	4	0	3	0	10	0
4	0100	O	GS	304	5.5	5.5	1	2	0	0	1	2	0	3	0	3	0	3
4	0200	A	SS	214			1	2	1	2	1	2	1	2	0	3	0	3
4	0200	B	SS	215			6	0	5	0	6	0	4	0	3	0	8	0
4	0200	C	SS	217			9	0	5	0	10	0	4	0	3	0	4	0
4	0200	D	GB	304	3.5	6.8	8	0	0	0	7	0	7	0	3	0	8	0
4	0500	A	SS	265			8	0	6	0	8	0	5	0	5	0	19	0
4	0500	C	GB	308	12.8	20.7	12	0	0	0	12	0	3	0	5	0	19	0
4	0600	A	SS	287			0	3	0	3	0	3	0	3	0	3	0	3
4	0600	B	SS	215	72	72	0	3	0	3	0	3	0	3	0	3	0	3
4	0600	C	GS	307	6.2	21.6	2	1	0	0	2	1	1	2	0	3	0	3
4	0600	D	GS	302	6.4	9.7	4	0	0	0	4	0	2	1	0	3	0	3
4	0600	L	SS	267			1	2	1	2	1	2	0	3	0	3	0	3
4	0600	M	SS	217			1	2	1	2	1	2	1	2	0	3	0	3
4	0600	N	SS	117			1	2	1	2	1	2	1	2	0	3	0	3
5	0100	A	SS	214			8	0	8	0	8	0	0	3	1	2	4	0
5	0100	B	SS	204			2	1	2	1	2	1	0	3	2	1	5	0
5	0100	C	GB	303	3.5	12.1	0	3	0	0	0	3	0	3	0	3	2	1
5	0100	I	GB	302	8.1	11	3	0	0	0	3	0	2	1	3	0	2	1

See notes at end of table.

Table 40. 2009 counts on MAP results for unbound material tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Hydrometer		Atterberg Limits		Resilient Modulus		Specific Gravity		DCP	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
5	0200	A	SS	215	144	144	3	0	1	2	2	1	0	3	0	3	1	2
5	0200	B	SS	217	30	84	3	0	3	0	3	0	1	2	2	1	4	0
5	0200	C	SS	255	121	121	1	2	1	2	1	2	0	3	0	3	2	1
5	0200	D	SS	267	126	126	2	1	2	1	2	1	0	3	0	3	3	0
5	0200	F	GB	350	4	6	0	3	0	0	0	3	0	3	0	3	4	0
5	0200	L	GB	303	4.1	11	3	0	0	0	3	0	1	2	3	0	6	0
5	0200	M	GB	308	8.7	10	2	1	0	0	2	1	0	3	0	3	2	1
5	0200	N	SS	114			5	0	1	2	3	0	0	3	1	2	1	2
5	0200	O	SS	109			3	0	1	2	3	0	0	3	0	3	1	2
5	0800	A	SS	108			8	0	6	0	10	0	4	0	4	0	2	1
5	0800	B	SS	107			4	0	2	1	2	1	0	3	2	1	1	2
5	0800	C	SS	102			2	1	2	1	2	1	2	1	0	3	1	2
5	0800	F	GB	303	7.3	12.7	6	0	0	0	6	0	3	0	3	0	4	0
5	A600	A	SS	131			1	2	1	2	1	2	1	2	1	2	2	1
5	A600	F	SS	101			2	1	2	1	2	1	2	1	1	2	3	0
5	A600	G	SS	114			6	0	6	0	6	0	4	0	4	0	3	0
6	0200	A	SS	214			4	0	4	0	4	0	4	0	3	0	7	0
6	0200	B	SS	205			2	1	2	1	2	1	2	1	1	2	1	2
6	0200	C	SS	204			3	0	3	0	3	0	2	1	2	1	2	1
6	0200	D	GB	302	3.8	6.3	5	0	0	0	5	0	4	0	3	0	7	0
6	0500	A	SS	131			2	1	2	1	2	1	2	1	0	3	0	3
6	0500	B	SS	204			16	0	15	0	15	0	4	0	3	0	0	3
6	0500	D	SS	216			2	1	2	1	2	1	1	2	0	3	0	3
6	0500	E	GS	308	16.6	22.9	19	0	0	0	19	0	11	0	0	3	0	3
6	0600	B	SS	203			5	0	5	0	5	0	0	3	3	0	3	0
6	0600	C	SS	253			4	0	4	0	4	0	0	3	3	0	10	0
6	0800	A	SS	204			3	0	3	0	3	0	3	0	1	2	3	0
6	0800	B	GB	304	6.3	6.3	2	1	0	0	2	1	1	2	1	2	3	0
6	A800	A	SS	204			4	0	4	0	4	0	3	0	2	1	2	1
6	A800	B	GB	304	8.2	12.1	5	0	0	0	5	0	3	0	2	1	2	1
8	0200	A	SS	217			3	0	3	0	3	0	3	0	1	2	2	1
8	0200	C	SS	113			1	2	1	2	1	2	1	2	1	2	2	1
8	0200	D	SS	210			2	1	2	1	2	1	2	1	1	2	1	2
8	0200	E	SS	114			3	0	3	0	3	0	3	0	1	2	2	1
8	0200	F	SS	216			2	1	2	1	2	1	2	1	0	3	2	1

See notes at end of table.

Table 40. 2009 counts on MAP results for unbound material tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Hydrometer		Atterberg Limits		Resilient Modulus		Specific Gravity		DCP	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
8	0200	G	SS	204			2	1	2	1	2	1	2	1	1	2	1	2
8	0200	H	SS	107			1	2	1	2	1	2	1	2	1	2	1	2
8	0200	I	SS	101			0	3	0	3	0	3	0	3	0	3	2	1
8	0200	J	GB	304	3.1	6	6	0	0	0	6	0	4	0	3	0	8	0
8	0500	A	SS	216			1	2	2	1	2	1	1	2	0	3	0	3
8	0500	B	SS	111			1	2	2	1	2	1	1	2	0	3	0	3
8	0500	C	SS	108			1	2	2	1	2	1	1	2	0	3	0	3
8	0800	A	SS	114			5	0	5	0	5	0	3	0	3	0	2	1
8	0800	B	SS	214			6	0	6	0	5	0	3	0	3	0	1	2
8	0800	D	GB	304	6.5	8	6	0	0	0	6	0	3	0	3	0	3	0
10	0100	A	SS	202			0	3	7	0	7	0	18	0	3	0	14	0
10	0100	B	GS	308	12	48	3	0	8	0	7	0	3	0	3	0	12	0
10	0100	C	GS	307	43	43	3	0	3	0	3	0	3	0	3	0	2	1
10	0100	D	GB	303	3.4	12.1	3	0	0	0	3	0	3	0	3	0	8	0
10	0200	A	SS	214			8	0	3	0	8	0	6	0	4	0	6	0
10	0200	B	SS	210			7	0	3	0	5	0	3	0	3	0	4	0
10	0200	C	SS	216			5	0	3	0	5	0	4	0	4	0	2	1
10	0200	D	GS	214	12	42	6	0	6	0	6	0	4	0	3	0	6	0
10	0200	E	GS	210	30	34	5	0	5	0	6	0	5	0	3	0	2	1
10	0200	F	GS	201	14	42	6	0	6	0	6	0	5	0	3	0	4	0
10	0200	G	GB	303	3.3	7.9	4	0	0	0	5	0	4	0	3	0	8	0
12	0100	A	SS	215	63.6	92.4	4	0	4	0	4	0	4	0	3	0	8	0
12	0100	B	SS	205	81.6	105.6	2	1	2	1	2	1	2	1	0	3	4	0
12	0100	C	GB	303	4	12.1	6	0	0	0	6	0	3	0	3	0	7	0
12	0500	A	SS	202			5	0	5	0	5	0	1	2	3	0	12	0
12	0500	B	GS	308	17	18	6	0	0	0	6	0	1	2	3	0	12	0
12	0500	C	GB	303	8.8	10.7	7	0	0	0	7	0	3	0	3	0	12	0
13	0500	A	SS	215	66	234	5	0	5	0	5	0	5	0	3	0	15	0
13	0500	B	GS	308	13	15.5	3	0	0	0	3	0	3	0	3	0	15	0
17	0600	A	SS	131			6	0	6	0	6	0	3	0	3	0	8	0
17	0600	B	GB	302	7	8	6	0	0	0	6	0	3	0	3	0	8	0
18	0600	A	SS	113			5	0	5	0	5	0	5	0	6	0	39	0
19	0100	A	SS	101			3	0	3	0	3	0	3	0	3	0	1	2
19	0100	B	SS	104			3	0	3	0	3	0	3	0	3	0	7	0

See notes at end of table.

Table 40. 2009 counts on MAP results for unbound material tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Hydrometer		Atterberg Limits		Resilient Modulus		Specific Gravity		DCP	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
19	0100	C	SS	107			3	0	3	0	3	0	3	0	3	0	2	1
19	0100	D	SS	108			0	3	0	3	0	3	0	3	0	3	0	3
19	0100	E	SS	131			4	0	4	0	4	0	4	0	4	0	1	2
19	0100	F	GS	104	12	25	7	0	7	0	7	0	3	0	3	0	6	0
19	0100	G	GS	108	24	26	5	0	5	0	5	0	3	0	3	0	5	0
19	0100	H	GB	303	4	12	6	0	0	0	6	0	3	0	3	0	6	0
19	0200	A	SS	108			2	1	2	1	2	1	6	0	3	0	7	0
19	0200	B	SS	114			7	0	7	0	7	0	4	0	3	0	5	0
19	0200	C	GS	108	24	24	4	0	4	0	4	0	3	0	3	0	3	0
19	0200	D	GS	114	21	38	8	0	8	0	8	0	3	0	3	0	9	0
19	0200	E	GB	303	3.6	6.3	3	0	0	0	3	0	3	0	3	0	8	0
19	0600	A	SS	113			4	0	4	0	4	0	6	0	4	0	8	0
19	0600	B	GB	302	4	8	6	0	1	0	6	0	3	0	3	0	8	0
20	0200	A	SS	131			10	0	18	0	18	0	4	0	3	0	30	0
20	0200	E	GB	303	3.9	6.1	9	0	0	0	8	0	4	0	3	0	18	0
22	0100	A	SS	102			4	0	3	0	4	0	4	0	6	0	11	0
22	0100	C	GS	133	11.5	12	1	2	1	0	1	2	0	3	3	0	2	1
22	0100	E	GB	303	4.1	13.2	0	3	0	0	0	3	4	0	0	3	6	0
22	0100	J	GS	143	8	12.6	4	0	2	0	4	0	3	0	3	0	4	0
22	0100	K	GS	131	9	12	2	1	2	0	2	1	1	2	3	0	3	0
22	0100	L	GS	141	11	12	1	2	1	0	1	2	1	2	0	3	2	1
23	0500	A	SS	216			3	0	9	0	3	0	3	0	3	0	0	3
23	0500	B	SS	214			1	2	1	2	1	2	1	2	0	3	0	3
23	0500	C	GS	302	9	9	10	0	0	0	4	0	2	1	3	0	0	3
23	0500	D	GB	304	4	4.6	11	0	0	0	5	0	2	1	3	0	0	3
24	0500	A	SS	141	78	198	8	0	8	0	8	0	3	0	3	0	20	0
24	0500	C	GS	303	5.1	6.5	8	0	0	0	8	0	3	0	3	0	20	0
26	0100	A	SS	113			7	0	7	0	7	0	5	0	3	0	5	0
26	0100	C	GS	306	12	12	1	2	0	0	1	2	1	2	0	3	0	3
26	0100	D	GB	303	4	8	5	0	0	0	5	0	4	0	3	0	1	2
26	0100	E	GB	304	4	4	1	2	0	0	1	2	1	2	0	3	0	3
26	0200	A	SS	113			4	0	4	0	4	0	3	0	3	0	2	1
26	0200	B	SS	131			14	0	10	0	15	0	5	0	3	0	4	0
26	0200	C	GS	131	13.5	18.5	16	0	10	0	16	0	4	0	3	0	6	0
26	0200	D	GB	303	4	6.2	12	0	0	0	10	0	3	0	3	0	5	0

See notes at end of table.

Table 40. 2009 counts on MAP results for unbound material tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Hydrometer		Atterberg Limits		Resilient Modulus		Specific Gravity		DCP	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
27	0500	A	SS	216			7	0	3	0	7	0	3	0	3	0	37	0
27	0500	C	GS	302	10.8	12.6	7	0	0	0	7	0	3	0	3	0	37	0
27	0500	D	GB	304	4.7	5.4	7	0	0	0	7	0	2	1	3	0	37	0
28	0800	A	SS	217			6	0	6	0	6	0	2	1	3	0	1	2
28	0800	B	GB	308	9	9	4	0	0	0	4	0	1	2	0	3	1	2
28	0800	F	GB	306	13	13	2	1	0	0	2	1	2	1	0	3	1	2
28	0800	G	SS	104			6	0	6	0	6	0	3	0	3	0	1	2
29	0500	A	SS	266			9	0	9	0	6	0	3	0	3	0	4	0
29	0500	B	GB	303	4	6	6	0	0	0	6	0	3	0	3	0	4	0
29	0600	A	SS	113			16	0	8	0	15	0	8	0	3	0	4	0
29	0600	B	GB	303	3.4	6	10	0	0	0	10	0	3	0	3	0	4	0
29	0800	A	SS	111			5	0	5	0	5	0	3	0	3	0	1	2
29	0800	B	SS	112			13	0	13	0	13	0	3	0	3	0	3	0
29	0800	C	GB	303	6.3	11.5	9	0	0	0	9	0	9	0	3	0	4	0
29	A600	A	SS	112			7	0	7	0	7	0	3	0	3	0	4	0
29	A600	B	SS	115			4	0	4	0	4	0	3	0	3	0	4	0
29	A600	C	GB	303	3.8	4.5	7	0	0	0	7	0	4	0	3	0	8	0
29	A800	A	SS	103			7	0	8	0	8	0	0	3	0	3	0	3
29	A800	B	GB	303	6	12.3	4	0	0	0	4	0	2	1	0	3	0	3
30	0100	A	SS	204			11	0	11	0	11	0	10	0	3	0	22	0
30	0100	B	GB	304	4.2	12.5	3	0	0	0	3	0	3	0	3	0	13	0
30	0800	A	SS	254			6	0	6	0	6	0	3	0	3	0	3	0
30	0800	B	GB	304	7.1	12	3	0	0	0	3	0	3	0	3	0	3	0
32	0100	A	SS	214			3	0	3	0	3	0	3	0	3	0	6	0
32	0100	B	SS	216			3	0	3	0	3	0	3	0	3	0	6	0
32	0100	D	GS	308	14.4	24.6	9	0	6	0	9	0	3	0	3	0	12	0
32	0100	E	GB	304	3.6	12.1	4	0	0	0	4	0	3	0	3	0	7	0
34	0500	A	SS	216			4	0	5	0	5	0	3	0	1	2	7	0
34	0500	B	GS	308	15	66	4	0	0	0	4	0	3	0	2	1	6	0
34	0500	C	GS	308	4	41	4	0	0	0	2	1	2	1	2	1	6	0
34	0500	D	GB	302	10	11.3	5	0	0	0	7	0	3	0	2	1	8	0
34	0500	O	SS	214			3	0	3	0	3	0	3	0	3	0	1	2
35	0100	A	SS	114			1	2	1	2	1	2	1	2	0	3	1	2
35	0100	B	SS	103			10	0	10	0	10	0	9	0	4	0	5	0
35	0100	D	SS	115			3	0	3	0	3	0	3	0	1	2	3	0

See notes at end of table.

Table 40. 2009 counts on MAP results for unbound material tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Hydrometer		Atterberg Limits		Resilient Modulus		Specific Gravity		DCP	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
35	0100	E	SS	109	132	132	1	2	1	2	1	2	1	2	0	3	1	2
35	0100	G	SS	102			0	3	0	3	0	3	1	2	0	3	1	2
35	0100	I	GB	303	2.9	8	0	3	0	0	0	3	0	3	0	3	4	0
35	0100	O	GB	304	7.7	12.2	6	0	0	0	6	0	0	3	3	0	3	0
35	0100	P	SS	120			2	1	2	1	2	1	2	1	1	2	1	2
35	0500	A	SS	216			4	0	4	0	4	0	2	1	2	1	6	0
35	0500	B	GB	308	8	16	5	0	0	0	5	0	2	1	3	0	8	0
35	0500	K	SS	217			2	1	2	1	2	1	1	2	1	2	3	0
35	0500	L	GB	307	12.7	12.7	1	2	0	0	1	2	1	2	0	3	1	2
35	0800	A	SS	216			2	1	2	1	2	1	1	2	1	2	1	2
35	0800	B	GB	308	9.7	12.7	6	0	0	0	6	0	3	0	3	0	2	1
35	0800	D	SS	217			4	0	4	0	4	0	2	1	2	1	1	2
36	0800	A	SS	214	156	168	5	0	7	0	7	0	3	0	3	0	11	0
36	0800	C	SS	216	156	156	4	0	3	0	4	0	3	0	3	0	8	0
36	0800	D	GB	304	8.4	12.5	6	0	0	0	6	0	3	0	3	0	19	0
37	0200	A	SS	101			4	0	3	0	3	0	3	0	3	0	2	1
37	0200	B	SS	135			3	0	3	0	3	0	3	0	3	0	1	2
37	0200	C	SS	145			8	0	5	0	6	0	4	0	3	0	7	0
37	0200	D	SS	148			4	0	3	0	3	0	3	0	3	0	2	1
37	0200	F	GS	306	7	7	3	0	0	0	3	0	3	0	3	0	2	1
37	0200	G	GB	303	3.8	9.3	6	0	0	0	6	0	3	0	3	0	8	0
37	0800	A	SS	201			3	0	3	0	3	0	3	0	3	0	1	2
37	0800	B	SS	214			4	0	4	0	4	0	4	0	3	0	1	2
37	0800	C	GB	304	6.8	11.5	7	0	0	0	4	0	3	0	3	0	2	1
38	0200	A	SS	101			8	0	8	0	8	0	7	0	3	0	12	0
38	0200	B	GS	101	18	18	11	0	11	0	12	0	3	0	3	0	12	0
38	0200	C	GB	303	4	6.3	4	0	0	0	4	0	4	0	3	0	8	0
38	0200	F	GB	350	8	8	0	3	0	0	0	3	0	3	0	3	0	3
39	0100	A	SS	131			7	0	7	0	7	0	4	0	3	0	10	0
39	0100	B	GB	303	3.8	12	4	0	0	0	3	0	3	0	3	0	7	0
39	0200	A	SS	131	239	239	10	0	11	0	10	0	4	0	3	0	12	0
39	0200	B	GS	131	15	30	4	0	3	0	3	0	3	0	3	0	2	1
39	0200	C	GB	303	3.8	6.3	5	0	0	0	5	0	4	0	3	0	8	0
39	0800	A	SS	131			4	0	5	0	5	0	1	2	1	2	2	1

See notes at end of table.

Table 40. 2009 counts on MAP results for unbound material tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Hydrometer		Atterberg Limits		Resilient Modulus		Specific Gravity		DCP	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
39	0800	B	GS	131	24	36	5	0	3	0	3	0	4	0	3	0	2	1
39	0800	C	GB	303	6.1	6.1	2	1	0	0	2	1	2	1	1	2	2	1
40	0100	B	SS	216	6	204	5	0	6	0	5	0	9	0	3	0	13	0
40	0100	E	GB	303	3.6	11	3	0	0	0	3	0	3	0	3	0	8	0
40	0500	A	SS	216			3	0	3	0	3	0	3	0	3	0	4	0
40	0500	B	SS	217			3	0	3	0	3	0	3	0	3	0	6	0
40	0600	A	SS	101			4	0	4	0	4	0	4	0	3	0	5	0
40	0600	B	GB	309	15.5	15.5	1	2	1	0	1	2	1	2	0	3	1	2
40	0600	I	SS	108			2	1	2	1	2	1	2	1	0	3	2	1
40	0600	J	GB	310	12.5	16.5	5	0	2	0	5	0	5	0	3	0	6	0
42	0600	A	SS	141	96	120	4	0	4	0	4	0	3	0	3	0	3	0
42	0600	B	GB	303	8.9	13.5	6	0	0	0	6	0	3	0	3	0	3	0
46	0600	A	SS	102			6	0	17	0	15	0	6	0	3	0	8	0
46	0800	A	SS	131			6	0	12	0	6	0	7	0	3	0	2	1
46	0800	D	GB	303	3	12	9	0	0	0	7	0	3	0	3	0	2	1
47	0600	A	SS	204			1	2	1	2	1	2	2	1	0	3	0	3
47	0600	B	SS	102			1	2	1	2	1	2	2	1	0	3	0	3
47	0600	C	SS	114			1	2	1	2	1	2	2	1	0	3	0	3
48	0100	A	SS	204			9	0	9	0	9	0	9	0	3	0	12	0
48	0100	B	SS	214			1	2	1	2	1	2	1	2	0	3	0	3
48	0100	D	GB	303	1.7	12.2	6	0	0	0	6	0	5	0	3	0	7	0
48	0100	H	GB	350	7.3	9.7	1	2	0	0	1	2	1	2	0	3	0	3
48	0100	I	GB	337	8	10.3	1	2	0	0	1	2	0	3	0	3	0	3
48	0100	K	GB	337	13	13.5	1	2	0	0	1	2	1	2	0	3	0	3
48	0100	L	GB	350	8.4	10.6	1	2	0	0	1	2	0	3	0	3	0	3
48	0800	A	SS	113			2	1	2	1	2	1	3	0	1	2	2	1
48	0800	B	GS	338	9.9	10	3	0	3	0	3	0	1	2	3	0	4	0
48	0800	C	GB	302	8.8	10.7	3	0	0	0	3	0	3	0	3	0	4	0
48	0800	F	SS	114			1	2	1	2	1	2	2	1	2	1	2	1
48	A500	A	SS	103			6	0	6	0	6	0	3	0	3	0	5	0
48	A800	A	SS	216	39.6	39.6	4	0	4	0	4	0	2	1	2	1	4	0
48	A800	B	GB	303	5	6	5	0	0	0	5	0	3	0	3	0	7	0
48	A800	D	SS	133	54	54	2	1	2	1	2	1	1	2	1	2	3	0
49	0800	A	SS	217	72	81.6	3	0	3	0	3	0	0	3	0	3	7	0
49	0800	B	GS	217	41.2	41.2	6	0	6	0	6	0	1	2	3	0	7	0

See notes at end of table.

Table 40. 2009 counts on MAP results for unbound material tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Hydrometer		Atterberg Limits		Resilient Modulus		Specific Gravity		DCP	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
49	0800	C	GB	304	7.8	12	3	0	0	0	3	0	3	0	3	0	7	0
51	0100	A	SS	106			3	0	3	0	3	0	3	0	3	0	3	0
51	0100	C	SS	133			3	0	3	0	3	0	3	0	3	0	1	2
51	0100	D	SS	134			3	0	3	0	3	0	3	0	3	0	1	2
51	0100	E	SS	137			3	0	3	0	3	0	5	0	3	0	4	0
51	0100	F	SS	141			0	3	0	3	0	3	0	3	0	3	0	3
51	0100	H	SS	147			4	0	4	0	4	0	3	0	3	0	2	1
51	0100	J	GB	303	3.4	12.5	6	0	0	0	6	0	3	0	3	0	6	0
53	0200	A	SS	143	2.5	132	0	3	0	3	0	3	0	3	0	3	11	0
53	0200	B	SS	141	14.4	133	2	1	1	2	2	1	1	2	0	3	2	1
53	0200	C	GS	282	14.4	21.6	0	3	0	0	0	3	0	3	0	3	9	0
53	0200	D	GS	143	33	69.7	8	0	5	0	8	0	3	0	3	0	10	0
53	0200	E	GS	141	51.3	51.3	2	1	2	0	2	1	2	1	3	0	1	2
53	0200	F	GB	303	2	6.9	5	0	0	0	5	0	3	0	3	0	9	0
53	0800	A	SS	114			2	1	2	1	2	1	0	3	0	3	2	1
53	0800	B	SS	214			1	2	1	2	1	2	0	3	0	3	1	2
53	0800	C	GS	303	36	36	6	0	0	0	3	0	1	2	0	3	3	0
53	0800	D	GS	303	2.4	2.4	6	0	0	0	3	0	1	2	0	3	3	0
53	0800	E	GB	303	8	11.7	9	0	0	0	6	0	6	0	3	0	3	0
53	A800	A	SS	145			6	0	3	0	6	0	2	1	0	3	3	0
53	A800	B	GS	145	35.8	35.8	1	2	1	0	1	2	1	2	1	2	1	2
53	A800	C	GS	143	90.8	90.8	3	0	3	0	3	0	3	0	2	1	2	1
53	A800	D	GB	303	4.5	4.7	5	0	0	0	5	0	3	0	3	0	3	0
55	0100	A	SS	205			1	2	1	2	1	2	0	3	0	3	6	0
55	0100	B	GS	205	24	24	4	0	4	0	4	0	2	1	3	0	3	0
55	0100	C	SS	214			8	0	8	0	8	0	3	0	3	0	23	0
55	0100	D	GB	292	0.7	4.8	3	0	0	0	3	0	3	0	3	0	18	0
55	0100	E	GB	303	2.9	13.4	4	0	0	0	4	0	3	0	3	0	15	0
55	0100	F	GS	308	6.8	10	6	0	0	0	6	0	5	0	3	0	26	0
55	0200	A	SS	209			4	0	4	0	4	0	0	3	3	0	9	0
55	0200	B	GS	210	24	24	4	0	3	0	4	0	4	0	3	0	8	0
55	0200	C	SS	211			11	0	11	0	11	0	4	0	4	0	27	0
55	0200	D	GS	211	18	24	8	0	7	0	8	0	3	0	3	0	13	0
55	0200	E	SS	215			6	0	6	0	6	0	5	0	5	0	3	0
55	0200	F	GB	292	0.8	3	3	0	0	0	3	0	3	0	3	0	12	0

See notes at end of table.

Table 40. 2009 counts on MAP results for unbound material tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Layer Type	Material Code	Thickness		Sieve Analysis		Hydrometer		Atterberg Limits		Resilient Modulus		Specific Gravity		DCP	
					Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
55	0200	G	GB	303	3.2	7.9	4	0	0	0	4	0	4	0	3	0	29	0
55	0200	H	GS	308	7.8	10	8	0	0	0	8	0	8	0	3	0	15	0
55	0800	A	SS	215			3	0	6	0	6	0	2	1	3	0	6	0
55	0800	B	GB	302	8.7	11.9	6	0	0	0	6	0	3	0	3	0	6	0
81	0500	A	SS	267			4	0	3	0	4	0	3	0	3	0	8	0
81	0500	B	GS	308	11	15	6	0	0	0	6	0	3	0	3	0	8	0
83	0500	A	SS	132			4	0	4	0	3	0	3	0	3	0	2	1
83	0500	B	SS	214			5	0	5	0	3	0	3	0	3	0	3	0
83	0500	C	SS	145			4	0	4	0	3	0	3	0	3	0	2	1
83	0500	D	SS	204			4	0	4	0	3	0	3	0	3	0	1	2
83	0500	E	GS	302	4	10	8	0	1	0	6	0	3	0	3	0	8	0
83	0500	F	GB	302	3.5	7	6	0	0	0	6	0	3	0	3	0	8	0
						Totals	**1,336**	**137**	**804**	**90**	**1,324**	**134**	**809**	**222**	**633**	**262**	**1,661**	**223**

Note: Thickness was not recorded for SS layers unless refusal was encountered during augering.

Table 41. 2009 counts on MAP results for AC treated base layer tests by project, project layer, and test.

State	Project	Project	Thickness		TB01		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
Code	ID	Layer	Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
1	0100	G	3.4	4.3	3	0	1	2	9	0	0	3	1	2	1	2	1	2	1	2	9	0	1	2
1	0100	H	3.7	12.4	3	0	5	0	5	0	3	0	5	0	5	0	5	0	5	0	5	0	5	0
4	0100	F	4	12.1	3	0	4	0	6	0	3	0	4	0	4	0	4	0	4	0	4	0	2	1
4	0100	G	3.8	4.6	3	0	3	0	6	0	0	3	3	0	3	0	3	0	0	3	3	0	0	3
4	0200	E	3.8	3.9	0	3	2	1	2	1	0	3	2	1	2	1	1	2	1	2	1	2	0	3
4	0200	F	3.8	4.4	3	0	2	1	6	0	0	3	2	1	2	1	2	1	0	3	3	0	0	3
5	0100	E	3.1	3.7	3	0	0	3	5	0	0	3	0	3	0	3	0	3	0	3	5	0	0	3
5	0100	F	3.8	12	3	0	8	0	8	0	6	0	5	0	5	0	5	0	5	0	8	0	3	0
5	0200	G	2.3	3.9	3	0	0	3	6	0	0	3	0	3	0	3	0	3	0	3	6	0	0	3
6	0200	E	3.4	3.8	0	3	3	0	6	0	3	0	3	0	3	0	3	0	0	3	3	0	3	0
8	0200	K	3.8	4.6	3	0	6	0	9	0	0	3	3	0	3	0	3	0	0	3	6	0	3	0
8	0500	D	1	4.1	3	0	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
10	0100	G	4.1	12.3	27	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
10	0100	H	3.4	4.2	18	0	3	0	5	0	0	3	3	0	3	0	3	0	0	3	3	0	3	0
10	0200	H	3.7	4.7	12	0	3	0	6	0	0	3	3	0	3	0	3	0	0	3	3	0	3	0
12	0100	E	3.5	4	18	0	3	0	4	0	0	3	3	0	3	0	3	0	3	0	4	0	0	3
12	0100	F	4	12.3	12	0	3	0	6	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0
13	0500	C	11.2	15.7	3	0	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	3	0
18	0600	B	3.4	4.2	4	0	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
19	0100	I	4.1	4.8	15	0	8	0	6	0	0	3	6	0	6	0	6	0	2	1	6	0	6	0
19	0100	J	3.2	12.4	21	0	2	1	4	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
19	0200	F	3.4	4.9	12	0	3	0	6	0	1	2	3	0	3	0	3	0	0	3	3	0	0	3
20	0200	D	3.7	3.8	11	0	9	0	9	0	0	3	3	0	3	0	3	0	0	3	8	0	3	0
22	0100	F	3.6	4.2	12	0	3	0	6	0	0	3	3	0	3	0	6	0	2	1	3	0	3	0
22	0100	G	3.5	10.9	0	3	2	1	6	0	2	1	3	0	3	0	3	0	1	2	3	0	3	0
26	0100	F	3.5	4	6	0	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3
26	0100	G	4.8	12.5	15	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
26	0200	E	4.1	4.3	9	0	0	3	6	0	3	0	0	3	0	3	0	3	0	3	6	0	0	3
26	0200	F	4	4	0	3	0	3	1	2	0	3	0	3	0	3	0	3	0	3	1	2	0	3
30	0100	C	4.2	4.7	0	3	0	3	4	0	0	3	0	3	0	3	0	3	0	3	4	0	0	3
30	0100	D	4.3	13.7	10	0	3	0	6	0	3	0	4	0	4	0	3	0	3	0	3	0	3	0
32	0100	F	4	4.5	17	0	3	0	7	0	0	3	3	0	3	0	3	0	0	3	4	0	0	3
32	0100	G	4.2	12.4	22	0	3	0	6	0	3	0	6	0	6	0	3	0	3	0	3	0	2	1
35	0100	J	3.2	4.6	12	0	0	3	7	0	0	3	0	3	0	3	0	3	0	3	7	0	0	3
35	0100	K	4.1	11.7	14	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	4	0	3	0
37	0200	H	4.4	5.5	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0	3
37	0200	I	3.6	5.6	7	0	0	3	3	0	0	3	0	3	0	3	0	3	0	3	3	0	0	3

Table 41. 2009 counts on MAP results for AC treated base layer tests by project, project layer, and test—Continued.

State Code	Project ID	Project Layer	Thickness		TB01		AC03		AC04		AC07		AE03		AE05		AG01		AG02		AG04		AG05	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
38	0200	E	3.8	4.1	12	0	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	3	0
39	0100	C	3.9	4.3	6	0	3	0	6	0	3	0	3	0	3	0	3	0	0	3	3	0	3	0
39	0100	D	3.7	12.2	12	0	15	0	3	0	4	0	3	0	3	0	3	0	3	0	3	0	3	0
39	0200	E	3.8	4.4	12	0	3	0	7	0	0	3	3	0	3	0	3	0	0	3	4	0	3	0
40	0100	F	3.9	11.7	12	0	3	0	3	0	5	0	3	0	3	0	3	0	3	0	3	0	3	0
40	0100	G	4	4.8	21	0	3	0	6	0	0	3	3	0	3	0	3	0	0	3	3	0	3	0
40	0500	C	7.3	9.5	27	0	3	0	6	0	2	1	3	0	3	0	3	0	3	0	5	0	3	0
48	0100	F	4	10.9	15	0	3	0	3	0	1	2	3	0	3	0	3	0	3	0	3	0	4	0
48	0100	G	3	4.8	20	0	3	0	6	0	0	3	3	0	3	0	3	0	1	2	3	0	0	3
51	0100	K	3.9	12.5	21	0	3	0	6	0	3	0	3	0	3	0	2	1	3	0	3	0	3	0
51	0100	L	3.4	4.4	18	0	3	0	6	0	0	3	3	0	3	0	3	0	0	3	4	0	3	0
53	0200	G	3.5	3.9	12	0	3	0	7	0	0	3	3	0	3	0	3	0	0	3	4	0	0	3
53	0200	I	2.8	2.8	0	3	1	2	1	2	1	2	2	1	2	1	1	2	1	2	1	2	0	3
55	0100	G	4.6	12.3	34	0	3	0	6	0	3	0	3	0	3	0	3	0	3	0	3	0	3	0
55	0100	H	3.1	4.7	18	0	2	1	4	0	0	3	3	0	3	0	3	0	0	3	3	0	3	0
55	0200	I	3.3	3.9	12	0	3	0	6	0	0	3	3	0	3	0	3	0	0	3	3	0	3	0
81	0500	C	0	2.9	28	0	3	0	3	0	0	3	3	0	3	0	3	0	3	0	3	0	3	0
				Totals	**587**	**21**	**154**	**42**	**265**	**14**	**66**	**104**	**136**	**38**	**136**	**38**	**132**	**41**	**74**	**93**	**193**	**15**	**104**	**64**

Table 42. 2009 counts on MAP results for PCC treated base layer tests by project, project layer, and test.

State Code	Project ID	Project Layer	Thickness		TB01		PC01		PC02		PC03		PC04		PC08	
			Min	Max	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need	Done	Need
4	0200	G	6.1	6.2	3	0	31	0	3	0	0	2	3	0	3	0
4	0600	E	2.7	4.9	4	0	0	3	0	3	0	2	0	3	0	3
5	0200	H	6.1	7	1	2	11	0	3	0	0	2	4	0	3	0
5	A600	B	6	6.4	6	0	3	0	0	3	0	2	0	3	0	3
6	0200	F	5.9	6.6	0	3	34	0	0	3	0	2	3	0	3	0
6	0500	F	3.8	5.8	0	3	0	3	0	3	0	2	0	3	0	3
6	0600	D	3.9	5.5	38	0	3	0	1	2	0	2	3	0	2	1
8	0200	L	6.1	6.7	3	0	52	0	3	0	0	2	3	0	3	0
10	0100	E	5.6	5.6	0	3	0	3	0	3	0	2	0	3	0	3
10	0200	I	5.5	6.9	14	0	41	0	3	0	0	2	4	0	4	0
19	0200	G	6.2	6.6	9	0	36	0	3	0	0	2	3	0	3	0
20	0200	B	6	6	0	3	0	3	0	3	0	2	0	3	0	3
20	0200	F	5.7	5.7	0	3	1	2	0	3	0	2	3	0	3	0
20	0200	G	5.9	6.5	12	0	45	0	4	0	0	2	3	0	3	0
22	0100	M	6	6	0	3	0	3	0	3	0	2	0	3	0	3
24	0500	B	5.9	8.9	2	1	0	3	0	3	0	2	0	3	0	3
24	0500	D	3.4	4.3	34	0	3	0	3	0	0	2	3	0	3	0
26	0200	G	5.8	6.3	17	0	34	0	3	0	0	2	3	0	3	0
37	0200	J	5.6	6.7	12	0	15	0	3	0	0	2	3	0	3	0
38	0200	D	6.4	6.6	12	0	32	0	3	0	0	2	3	0	3	0
39	0200	D	4	4.2	0	3	0	3	0	3	0	2	0	3	0	3
39	0200	F	5.9	6.3	12	0	35	0	3	0	0	2	3	0	3	0
46	0600	B	3.4	5.5	23	0	5	0	2	1	0	2	1	2	3	0
47	0600	D	6	7.5	3	0	0	3	0	3	0	2	0	3	0	3
51	0100	M	6	6	0	3	0	3	0	3	0	2	0	3	0	3
53	0200	H	6.1	6.5	3	0	48	0	3	0	0	2	3	0	3	0
55	0200	J	6.5	6.5	3	0	3	0	2	1	0	2	0	3	1	2
55	0200	K	5.7	6.4	12	0	27	0	3	0	0	2	3	0	3	0
				Totals	**223**	**27**	**459**	**29**	**45**	**40**	**0**	**56**	**51**	**35**	**52**	**33**

Table 43. 2009 counts on MAP results for treated base layers by project

State Code	Project ID	Project Layer	Thickness		TB01	
			Min	Max	Done	Need
32	0100	C	12	12	0	3
35	0100	N	6	6	0	3
37	0200	E	5	8	0	3
40	0100	C	6	9	0	3
46	0800	B	2.5	2.5	0	3
46	0800	C	4	4	0	3
48	0100	C	12	24	0	3
48	A500	B	8	10.4	2	1
48	A500	C	10	15	2	1
51	0100	I	6	6	3	0
				Totals	**7**	**23**

Table 44. 2009 counts on MAP results for AC layer tests by test section.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
1	0101	J	4	1.2	9	0	6	0
1	0101	I	3	6.2	9	0	6	0
1	0102	J	4	1.4	5	0	5	0
1	0102	I	3	2.8	5	0	5	0
1	0103	J	4	1.4	7	0	4	0
1	0103	I	3	2.8	7	0	4	0
1	0104	J	4	1.4	4	0	4	0
1	0104	I	3	4.9	4	0	4	0
1	0105	J	5	1.3	7	0	4	0
1	0105	I	4	2.8	7	0	4	0
1	0106	J	5	1.4	7	0	4	0
1	0106	I	4	5.5	7	0	4	0
1	0107	J	5	1.4	7	0	5	0
1	0107	I	4	3.2	7	0	4	0
1	0108	J	5	1.1	3	0	3	0
1	0108	I	4	6.1	3	0	5	0
1	0109	J	5	1.2	5	0	5	0
1	0109	I	4	5.9	5	0	5	0
1	0110	J	6	1.4	5	0	5	0
1	0110	I	5	6	5	0	5	0
1	0111	J	6	1.3	4	0	3	0
1	0111	I	5	2.3	4	0	4	0
1	0112	J	6	1.1	8	0	4	0
1	0112	I	5	2.2	8	0	8	0
1	0161	J	5	1.4	5	0	5	0
1	0161	I	4	2.7	5	0	5	0
1	0162	J	4	1.3	7	0	4	0
1	0162	I	3	2.6	7	0	4	0
1	0163	J	7	1.4	7	0	3	0
1	0163	I	6	2.8	7	0	4	0
1	0502	H	6	1.9	5	0	5	0
1	0502	F	5	0.8	5	0	5	0
1	0502	E	4	2.8	5	0	5	0
1	0503	H	7	1.8	5	0	5	0
1	0503	G	6	3.1	5	0	5	0
1	0503	F	5	0.7	5	0	1	0
1	0503	E	4	2.6	5	0	2	1

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
1	0504	J	7	1.9	5	0	5	0
1	0504	I	6	2.7	5	0	5	0
1	0504	F	5	1	5	0	1	0
1	0504	E	4	2.5	5	0	5	0
1	0505	J	6	2	4	0	4	0
1	0505	F	5	0.9	4	0	4	0
1	0505	E	4	2.3	4	0	4	0
1	0506	J	7	1.8	4	0	4	0
1	0506	I	6	1.2	4	0	4	0
1	0506	F	5	0	4	0	0	0
1	0506	E	4	2.7	4	0	4	0
1	0507	J	7	1.8	8	0	8	0
1	0507	I	6	3.8	8	0	8	0
1	0507	F	5	0	8	0	0	0
1	0507	E	4	2.2	8	0	4	0
1	0508	H	7	1.9	4	0	4	0
1	0508	G	6	3.7	4	0	4	0
1	0508	F	5	0	4	0	0	0
1	0508	E	4	2.4	4	0	4	0
1	0509	H	7	2	8	0	8	0
1	0509	G	6	1.4	8	0	8	0
1	0509	F	5	0	8	0	0	0
1	0509	E	4	2.5	8	0	4	0
1	0563	J	6	1.6	7	0	4	0
1	0563	F	5	0	7	0	0	0
1	0563	E	4	2.3	7	0	4	0
1	0564	H	7	0.4	2	1	0	0
1	0564	G	6	1.3	2	1	2	0
1	0564	F	5	0	2	1	0	0
1	0564	E	4	2.3	2	1	2	1
1	0603	G	5	1.1	6	0	4	0
1	0603	F	4	2.6	6	0	4	0
1	0604	G	5	1.3	5	0	4	0
1	0604	F	4	2.7	5	0	4	0
1	0606	G	5	1.2	6	0	4	0
1	0606	F	4	2.4	6	0	4	0
1	0607	G	5	1.3	4	0	4	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
1	0607	F	4	3	4	0	4	0
1	0608	G	6	1.5	12	0	12	0
1	0608	F	5	2.4	12	0	12	0
1	0608	E	4	4.5	12	0	12	0
1	0661	G	5	1.1	4	0	4	0
1	0661	F	4	2.3	4	0	4	0
1	0662	G	6	1.3	8	0	8	0
1	0662	F	5	2.4	8	0	8	0
1	0662	E	4	4.2	8	0	8	0
1	0663	G	5	1.6	6	0	5	0
1	0663	F	4	7.6	6	0	8	0
4	0113	N	4	0.5	0	3	0	0
4	0113	H	3	4.4	6	0	6	0
4	0114	N	4	0.5	0	3	0	0
4	0114	H	3	6.8	6	0	6	0
4	0115	H	3	6.6	4	0	4	0
4	0116	N	4	0.5	0	3	0	0
4	0116	H	3	4	4	0	4	0
4	0117	H	4	7.4	6	0	6	0
4	0118	N	5	0.5	0	3	0	0
4	0118	H	4	3.9	6	0	6	0
4	0119	H	4	6.3	5	0	4	0
4	0120	N	5	0.5	0	3	0	0
4	0120	H	4	4	4	0	4	0
4	0121	N	5	0.5	0	3	0	0
4	0121	H	4	4.1	6	0	6	0
4	0122	N	6	0.5	0	3	0	0
4	0122	H	5	4.2	4	0	4	0
4	0123	H	4	6.8	6	0	6	0
4	0124	H	4	6.7	4	0	4	0
4	0161	N	4	0.5	0	3	0	0
4	0161	H	3	5.7	6	0	6	0
4	0162	N	3	0.5	0	3	0	0
4	0162	H	2	8.5	6	0	6	0
4	0163	M	3	1	0	3	0	0
4	0260	H	3	9.4	6	0	6	0
4	0261	H	3	8.9	6	0	6	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
4	0501	E	4	0.9	3	0	0	0
4	0501	D	3	4.1	3	0	3	0
4	0502	M	8	0.1	0	3	0	0
4	0502	L	7	0.1	0	3	0	0
4	0502	K	6	0.1	0	3	0	0
4	0502	G	5	2.7	4	0	18	0
4	0502	E	4	0	13	0	0	0
4	0502	D	3	3.7	13	0	6	0
4	0503	L	7	0.1	3	0	0	0
4	0503	K	6	0.1	3	0	0	0
4	0503	G	5	4.7	9	0	6	0
4	0503	E	4	0	10	0	0	0
4	0503	D	3	4.2	10	0	4	0
4	0504	L	7	0.1	4	0	0	0
4	0504	K	6	0.1	4	0	0	0
4	0504	I	5	4.8	10	0	10	0
4	0504	E	4	0	19	0	1	0
4	0504	D	3	4.3	19	0	5	0
4	0505	M	8	0.1	2	1	0	0
4	0505	L	7	0.1	2	1	0	0
4	0505	K	6	0.1	2	1	0	0
4	0505	I	5	2.8	6	0	10	0
4	0505	E	4	0	7	0	0	0
4	0505	D	3	4.1	7	0	2	1
4	0506	M	9	0.1	2	1	0	0
4	0506	L	8	0.1	2	1	0	0
4	0506	K	7	0.1	2	1	0	0
4	0506	I	6	2.4	6	0	23	0
4	0506	H	5	2.8	6	0	3	0
4	0506	E	4	0	7	0	0	0
4	0506	D	3	3	7	0	3	0
4	0507	L	8	0.1	4	0	0	0
4	0507	K	7	0.1	4	0	0	0
4	0507	I	6	4.1	10	0	10	0
4	0507	H	5	2.7	10	0	4	0
4	0507	E	4	0	12	0	0	0
4	0507	D	3	2.4	12	0	5	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
4	0508	L	8	0.1	8	0	0	0
4	0508	K	7	0.1	8	0	0	0
4	0508	G	6	4.1	14	0	6	0
4	0508	F	5	2.4	14	0	8	0
4	0508	E	4	0	14	0	0	0
4	0508	D	3	2.7	14	0	4	0
4	0509	M	9	0.1	4	0	0	0
4	0509	L	8	0.1	4	0	0	0
4	0509	K	7	0.1	4	0	0	0
4	0509	G	6	1.3	8	0	26	0
4	0509	F	5	2.6	8	0	4	0
4	0509	E	4	0	10	0	0	0
4	0509	D	3	2.6	10	0	6	0
4	0559	M	9	0.1	3	0	0	0
4	0559	L	8	0.1	3	0	0	0
4	0559	K	7	0.1	3	0	0	0
4	0559	I	5	3	3	0	3	0
4	0559	G	6	3	3	0	6	0
4	0559	E	4	0	5	0	0	0
4	0559	D	3	1.7	5	0	3	0
4	0560	M	8	0.1	3	0	0	0
4	0560	L	7	0.1	3	0	0	0
4	0560	K	6	0.1	3	0	0	0
4	0560	J	5	2.2	3	0	3	0
4	0560	E	4	0	4	0	0	0
4	0560	D	3	4.1	4	0	2	1
4	0603	J	6	0.5	4	0	0	0
4	0603	G	5	3.5	4	0	4	0
4	0604	J	6	0.4	4	0	0	0
4	0604	G	5	3.6	4	0	4	0
4	0606	J	6	0.4	4	0	0	0
4	0606	G	5	4.3	4	0	4	0
4	0607	J	7	0.3	4	0	0	0
4	0607	G	6	4.3	4	0	4	0
4	0608	J	7	0.4	4	0	0	0
4	0608	G	6	8.4	4	0	4	0
4	0659	J	6	0.5	0	3	0	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
4	0659	G	5	4	0	3	0	3
4	0660	J	6	0.5	0	3	0	0
4	0660	G	5	8	0	3	0	3
4	0661	J	7	0.5	0	3	0	0
4	0661	I	6	2	0	3	0	3
4	0661	G	5	2	0	3	0	3
4	0662	J	8	0.5	0	3	0	0
4	0662	I	6	2	0	3	0	3
4	0662	G	7	2	0	3	0	3
4	0663	G	5	2	0	3	0	3
4	0664	J	7	0.5	0	3	0	0
4	0664	I	6	2.5	0	3	0	3
4	0664	G	5	3	0	3	0	3
4	0665	J	7	0.5	0	3	0	0
4	0665	I	6	2.5	0	3	0	3
4	0665	G	5	3	0	3	0	3
4	0666	J	7	0.5	0	3	0	0
4	0666	I	6	2.5	0	3	0	3
4	0666	G	5	3	0	3	0	3
4	0667	J	7	0.5	0	3	0	0
4	0667	I	6	2.5	0	3	0	3
4	0667	G	5	3	0	3	0	3
4	0668	J	7	0.5	0	3	0	0
4	0668	I	6	2.5	0	3	0	3
4	0668	G	5	3	0	3	0	3
4	0669	J	7	0.5	0	3	0	0
4	0669	I	6	2.5	0	3	0	3
4	0669	G	5	3	0	3	0	3
5	0113	H	4	1.5	9	0	6	0
5	0113	G	3	2.5	9	0	6	0
5	0114	H	4	1.4	6	0	4	0
5	0114	G	3	5.5	6	0	4	0
5	0115	H	4	2	8	0	4	0
5	0115	G	3	5	8	0	4	0
5	0116	H	4	1.6	8	0	4	0
5	0116	G	3	2.5	8	0	4	0
5	0117	H	5	1.7	12	0	5	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
5	0117	G	4	5.2	12	0	5	0
5	0118	H	5	1.5	6	0	6	0
5	0118	G	4	2.6	6	0	6	0
5	0119	H	5	1.4	6	0	6	0
5	0119	G	4	5.4	6	0	6	0
5	0120	H	5	1.4	6	0	6	0
5	0120	G	4	2.9	6	0	6	0
5	0121	H	5	1.7	4	0	4	0
5	0121	G	4	2.7	4	0	4	0
5	0122	H	6	1.8	8	0	8	0
5	0122	G	5	2.6	8	0	8	0
5	0123	H	6	1.7	8	0	7	0
5	0123	G	5	5.5	8	0	8	0
5	0124	H	6	1.6	10	0	9	0
5	0124	G	5	5.3	10	0	9	0
5	0803	I	3	2.5	13	0	8	0
5	0803	G	4	1.2	13	0	4	0
5	0804	I	3	5.7	16	0	8	0
5	0804	G	4	1.6	16	0	8	0
5	A603	E	5	2.3	6	0	2	1
5	A603	D	4	2.8	6	0	2	1
5	A604	E	5	2.2	10	0	4	0
5	A604	D	4	2.7	10	0	4	0
5	A606	E	5	2.1	5	0	3	0
5	A606	D	4	2.9	5	0	4	0
5	A607	E	5	2.5	4	0	4	0
5	A607	D	4	4	4	0	4	0
5	A608	E	5	1.4	4	0	4	0
5	A608	D	4	7.2	4	0	5	0
6	0501	V	7	0.3	5	0	0	0
6	0501	J	6	2.3	5	0	5	0
6	0501	H	5	0.5	7	0	0	0
6	0501	G	4	4.3	7	0	3	0
6	0502	V	7	0.2	5	0	0	0
6	0502	J	6	3.8	5	0	5	0
6	0502	H	5	0	14	0	0	0
6	0502	G	4	3.7	14	0	7	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
6	0503	V	7	0.2	5	0	0	0
6	0503	J	6	6.6	5	0	5	0
6	0503	H	5	0	6	0	0	0
6	0503	G	4	2.9	6	0	4	0
6	0504	O	6	5	5	0	5	0
6	0504	H	5	0	6	0	0	0
6	0504	G	4	3.3	6	0	4	0
6	0505	V	7	0.2	5	0	0	0
6	0505	O	6	3.1	5	0	5	0
6	0505	H	5	0	6	0	0	0
6	0505	G	4	3	6	0	1	2
6	0506	V	8	0.2	4	0	0	0
6	0506	O	7	2.2	4	0	4	0
6	0506	K	6	2.4	4	0	4	0
6	0506	H	5	0	5	0	0	0
6	0506	G	4	3.6	5	0	1	2
6	0507	O	7	4.6	5	0	5	0
6	0507	K	6	1.8	5	0	3	0
6	0507	H	5	0	14	0	0	0
6	0507	G	4	3.7	14	0	7	0
6	0508	V	8	0.1	5	0	0	0
6	0508	J	7	4.3	5	0	5	0
6	0508	I	6	2.1	5	0	0	3
6	0508	H	5	0	6	0	0	0
6	0508	G	4	4.1	6	0	0	3
6	0509	V	8	0.3	4	0	0	0
6	0509	J	7	2.1	4	0	4	0
6	0509	I	6	2.6	4	0	4	0
6	0509	H	5	0	5	0	0	0
6	0509	G	4	1.7	5	0	1	2
6	0559	V	9	0.3	4	0	0	0
6	0559	O	8	2	4	0	4	0
6	0559	N	7	4	4	0	0	3
6	0559	K	6	2	4	0	0	3
6	0559	H	5	0	4	0	0	0
6	0559	G	4	2	4	0	0	3
6	0560	T	8	0.3	0	3	0	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
6	0560	O	7	2	0	3	0	3
6	0560	K	6	2	0	3	0	3
6	0560	H	5	0	0	3	0	0
6	0560	G	4	2.7	0	3	0	3
6	0561	V	9	0.3	0	3	0	0
6	0561	O	8	1.9	4	0	4	0
6	0561	K	6	2.1	4	0	4	0
6	0561	H	5	0	4	0	0	0
6	0561	G	4	2.5	4	0	0	3
6	0562	P	8	2	0	3	0	3
6	0562	K	6	2	0	3	0	3
6	0562	H	5	0	0	3	0	0
6	0562	G	4	3.2	0	3	0	3
6	0563	P	7	2.1	4	0	4	0
6	0563	K	6	2.2	4	0	4	0
6	0563	H	5	0	4	0	0	0
6	0563	G	4	2.7	4	0	0	3
6	0564	P	8	2	0	3	0	3
6	0564	M	7	0.3	0	3	0	0
6	0564	K	6	2	0	3	0	3
6	0564	H	5	0	0	3	0	0
6	0564	G	4	3	0	3	0	3
6	0565	O	8	2.7	4	0	4	0
6	0565	M	7	0.3	4	0	0	0
6	0565	K	6	2	4	0	0	3
6	0565	H	5	0	4	0	0	0
6	0565	G	4	3.2	4	0	0	3
6	0566	Q	9	0.6	4	0	0	0
6	0566	O	7	2	4	0	3	0
6	0566	M	8	0.3	4	0	0	0
6	0566	K	6	2.2	4	0	0	3
6	0566	H	5	0	4	0	0	0
6	0566	G	4	2.8	4	0	0	3
6	0567	V	9	0.3	4	0	0	0
6	0567	Q	8	0.8	4	0	0	0
6	0567	O	7	2.3	4	0	4	0
6	0567	K	6	1.9	4	0	3	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
6	0567	H	5	0	4	0	0	0
6	0567	G	4	3	4	0	0	3
6	0568	O	7	4.4	4	0	4	0
6	0568	K	6	2.2	4	0	0	3
6	0568	H	5	0	4	0	0	0
6	0568	G	4	2.3	4	0	0	3
6	0569	V	9	0.5	4	0	0	0
6	0569	R	8	1.7	4	0	4	0
6	0569	N	6	3.6	4	0	0	3
6	0569	J	7	2.2	4	0	0	3
6	0569	H	5	0	4	0	0	0
6	0569	G	4	2.3	4	0	0	3
6	0570	V	9	0.4	4	0	0	0
6	0570	S	8	1.6	4	0	4	0
6	0570	N	6	3.6	4	0	0	3
6	0570	J	7	1.8	4	0	4	0
6	0570	H	5	0	4	0	0	0
6	0570	G	4	1.7	4	0	0	3
6	0571	U	7	3.6	4	0	3	0
6	0571	N	6	3.6	4	0	0	3
6	0571	J	8	1.8	4	0	4	0
6	0571	H	5	0	4	0	0	0
6	0571	G	4	1.2	4	0	0	0
6	0603	K	4	4.8	6	0	3	0
6	0604	K	4	4.6	6	0	3	0
6	0606	K	4	3.3	7	0	3	0
6	0607	K	4	4.8	8	0	3	0
6	0608	K	4	8.1	8	0	5	0
6	0659	K	4	4.9	6	0	1	2
6	0660	K	6	1.9	5	0	2	1
6	0660	J	4	2.3	5	0	0	3
6	0661	K	6	3.3	5	0	3	0
6	0661	J	4	1.5	5	0	0	3
6	0662	G	4	0.6	3	0	0	0
6	0664	K	6	3.2	6	0	3	0
6	0664	J	4	1.4	6	0	0	0
6	A805	C	3	3.9	12	0	11	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
6	A806	C	3	6.8	13	0	13	0
8	0501	M	5	0.1	6	0	0	0
8	0501	F	4	1.3	6	0	0	0
8	0501	E	3	6.9	7	0	1	2
8	0502	M	6	0.1	4	0	0	0
8	0502	H	5	2.5	4	0	4	0
8	0502	F	4	1.3	4	0	0	0
8	0502	E	3	5.4	5	0	0	3
8	0503	M	6	0.1	6	0	0	0
8	0503	H	5	4.6	6	0	6	0
8	0503	F	4	0.9	6	0	0	0
8	0503	E	3	5.2	7	0	0	3
8	0504	M	6	0.1	6	0	0	0
8	0504	K	5	5.1	6	0	6	0
8	0504	F	4	0.6	6	0	0	0
8	0504	E	3	4.1	7	0	1	2
8	0505	M	6	0.1	4	0	0	0
8	0505	K	5	2.5	4	0	4	0
8	0505	F	4	0.7	4	0	0	0
8	0505	E	3	6.5	13	0	6	0
8	0506	M	6	0.1	4	0	0	0
8	0506	K	5	1.7	4	0	4	0
8	0506	I	4	2	4	0	0	3
8	0506	E	3	4.5	5	0	0	3
8	0507	M	6	0.1	6	0	0	0
8	0507	K	5	4.8	6	0	6	0
8	0507	I	4	2	6	0	0	3
8	0507	E	3	3.8	7	0	0	3
8	0508	M	6	0.1	6	0	0	0
8	0508	H	5	5.1	6	0	6	0
8	0508	G	4	2.8	6	0	0	3
8	0508	E	3	2.3	8	0	2	1
8	0509	M	6	0.1	4	0	0	0
8	0509	H	5	2.3	4	0	4	0
8	0509	G	4	2	4	0	0	3
8	0509	E	3	3.1	13	0	6	0
8	0559	M	6	0.1	4	0	0	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
8	0559	K	5	2.6	4	0	3	0
8	0559	J	4	4.1	4	0	0	3
8	0559	E	3	6.5	6	0	2	1
8	0560	M	6	0.1	4	0	0	0
8	0560	L	5	1.9	4	0	4	0
8	0560	J	4	4.2	4	0	0	3
8	0560	E	3	5.7	4	0	0	3
10	0101	K	6	1	3	0	3	0
10	0101	J	5	1.3	9	0	6	0
10	0101	I	4	5.6	9	0	6	0
10	0102	L	6	2.2	3	0	0	3
10	0102	K	7	1.2	3	0	3	0
10	0102	J	5	1.4	7	0	4	0
10	0102	I	4	2.7	7	0	3	0
10	0103	K	6	1.1	3	0	3	0
10	0103	J	5	1.5	7	0	3	0
10	0103	I	4	3.3	7	0	3	0
10	0104	K	6	1.2	6	0	3	0
10	0104	J	5	1.3	7	0	3	0
10	0104	I	4	5.4	7	0	3	0
10	0105	K	7	1.2	3	0	3	0
10	0105	J	6	1.3	9	0	6	0
10	0105	I	5	3.1	9	0	6	0
10	0106	K	7	1.1	3	0	3	0
10	0106	J	6	0.7	8	0	5	0
10	0106	I	5	6	8	0	5	0
10	0107	K	7	1	4	0	1	0
10	0107	J	6	1.2	10	0	6	0
10	0107	I	5	3.6	10	0	6	0
10	0108	K	7	1.2	4	0	3	0
10	0108	J	6	1.1	10	0	6	0
10	0108	I	5	5.9	10	0	6	0
10	0109	K	7	1.1	5	0	3	0
10	0109	J	6	1.1	6	0	3	0
10	0109	I	5	6.2	6	0	3	0
10	0110	K	8	1.1	4	0	3	0
10	0110	J	7	2	6	0	3	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
10	0110	I	6	5.2	6	0	3	0
10	0111	K	8	1.1	7	0	3	0
10	0111	J	7	1.2	8	0	1	0
10	0111	I	6	2.5	8	0	3	0
10	0112	K	8	1.2	3	0	3	0
10	0112	J	7	1.4	8	0	5	0
10	0112	I	6	3.1	8	0	4	0
10	0159	K	7	1	3	0	3	0
10	0159	J	6	1	6	0	3	0
10	0159	I	5	4.7	6	0	3	0
10	0160	K	7	1.3	3	0	3	0
10	0160	J	6	1.2	4	0	3	0
10	0160	I	5	6	4	0	3	0
12	0101	J	5	0.6	6	0	0	0
12	0101	I	4	2	6	0	5	0
12	0101	H	3	4.8	6	0	5	0
12	0102	J	5	0.7	4	0	0	0
12	0102	I	4	2	4	0	4	0
12	0102	H	3	2	4	0	4	0
12	0103	J	5	0.6	10	0	0	0
12	0103	I	4	2.1	10	0	6	0
12	0103	H	3	2.2	10	0	6	0
12	0104	J	5	0.5	8	0	0	0
12	0104	I	4	1.9	8	0	4	0
12	0104	H	3	4.9	8	0	4	0
12	0105	J	6	0.5	7	0	0	0
12	0105	I	5	2	7	0	4	0
12	0105	H	4	1.9	7	0	4	0
12	0106	J	6	0.5	9	0	0	0
12	0106	I	5	2.2	9	0	6	0
12	0106	H	4	5	9	0	6	0
12	0107	J	5	0.5	8	0	0	0
12	0107	I	4	3.8	8	0	5	0
12	0108	J	6	0.5	7	0	0	0
12	0108	I	5	2.2	7	0	4	0
12	0108	H	4	4.4	7	0	4	0
12	0109	J	6	0.5	9	0	0	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
12	0109	I	5	2	9	0	6	0
12	0109	H	4	5.1	9	0	6	0
12	0110	J	7	0.5	7	0	0	0
12	0110	I	6	2.1	7	0	4	0
12	0110	H	5	5.2	7	0	4	0
12	0111	J	7	0.6	8	0	0	0
12	0111	I	6	1.7	8	0	5	0
12	0111	H	5	2.1	8	0	6	0
12	0112	J	7	0.6	12	0	0	0
12	0112	I	6	1.9	12	0	6	0
12	0112	H	5	2	12	0	6	0
12	0161	J	5	0.9	5	0	0	0
12	0161	I	4	2.2	5	0	4	0
12	0161	H	3	1.9	5	0	4	0
12	0502	K	5	0	8	0	0	0
12	0502	G	7	0.5	7	0	4	0
12	0502	E	6	1.3	7	0	4	0
12	0502	D	4	2	8	0	4	0
12	0503	M	8	0.4	12	0	0	0
12	0503	K	5	0.1	16	0	0	0
12	0503	F	6	2.7	12	0	10	0
12	0503	E	7	2.4	12	0	10	0
12	0503	D	4	2.4	16	0	7	0
12	0504	M	8	0.4	16	0	0	0
12	0504	K	5	0	18	0	0	0
12	0504	I	6	3.5	16	0	14	0
12	0504	H	7	1.5	16	0	14	0
12	0504	D	4	2.2	18	0	8	0
12	0505	M	8	0.5	7	0	0	0
12	0505	K	5	0	9	0	0	0
12	0505	J	7	0.8	7	0	7	0
12	0505	H	6	1.3	7	0	4	0
12	0505	D	4	2.1	9	0	4	0
12	0506	M	8	0.5	7	0	0	0
12	0506	K	5	0	12	0	0	0
12	0506	J	7	1.1	7	0	7	0
12	0506	H	6	1.9	7	0	4	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
12	0506	D	4	1.7	12	0	7	0
12	0507	M	8	0.5	11	0	0	0
12	0507	K	5	0	15	0	0	0
12	0507	I	6	2.1	11	0	9	0
12	0507	H	7	4.5	11	0	10	0
12	0507	D	4	0.5	15	0	9	0
12	0508	M	8	0.5	11	0	0	0
12	0508	K	5	0	13	0	0	0
12	0508	F	6	2.6	11	0	10	0
12	0508	E	7	4.4	11	0	10	0
12	0508	D	4	0.6	13	0	6	0
12	0509	M	8	0.4	7	0	0	0
12	0509	K	5	0	9	0	0	0
12	0509	G	7	1	7	0	7	0
12	0509	E	6	3.1	7	0	4	0
12	0509	D	4	0.7	9	0	4	0
12	0561	M	8	0.5	7	0	0	0
12	0561	K	5	0	7	0	0	0
12	0561	G	7	1	7	0	7	0
12	0561	E	6	2.9	7	0	4	0
12	0561	D	4	2.1	7	0	4	0
12	0562	M	8	0.5	7	0	0	0
12	0562	K	5	0	9	0	0	0
12	0562	J	7	0.9	7	0	7	0
12	0562	H	6	2.6	7	0	4	0
12	0562	D	4	1.9	9	0	4	0
12	0563	M	8	0.5	7	0	0	0
12	0563	K	5	0	11	0	0	0
12	0563	J	7	0.9	7	0	7	0
12	0563	H	6	1.3	7	0	4	0
12	0563	D	4	0.6	11	0	7	0
12	0564	M	8	0.4	7	0	0	0
12	0564	K	5	0	9	0	0	0
12	0564	G	7	0.6	7	0	7	0
12	0564	E	6	1.4	7	0	4	0
12	0564	D	4	0.6	9	0	4	0
12	0565	M	9	0.4	8	0	0	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
12	0565	K	5	0	10	0	0	0
12	0565	G	8	1.1	8	0	7	0
12	0565	F	6	2.6	8	0	8	0
12	0565	E	7	2.1	8	0	8	0
12	0565	D	4	0.5	10	0	4	0
12	0566	M	9	0.4	7	0	0	0
12	0566	K	5	0	9	0	0	0
12	0566	J	8	1	7	0	7	0
12	0566	I	6	2.3	7	0	4	0
12	0566	H	7	2.2	7	0	4	0
12	0566	D	4	0.3	9	0	2	0
13	0502	J	7	1	7	0	3	0
13	0502	I	6	1.6	7	0	4	0
13	0502	E	5	0.3	9	0	0	0
13	0502	D	4	1.6	9	0	5	0
13	0503	J	8	1.1	10	0	5	0
13	0503	I	7	1.4	10	0	5	0
13	0503	H	6	3.8	10	0	6	0
13	0503	E	5	0	12	0	0	0
13	0503	D	4	1.4	12	0	4	0
13	0504	J	8	0.9	11	0	5	0
13	0504	G	7	1.4	11	0	6	0
13	0504	F	6	3.9	11	0	5	0
13	0504	E	5	0	13	0	0	0
13	0504	D	4	1.6	13	0	4	0
13	0505	J	7	1	7	0	3	0
13	0505	G	6	2	7	0	4	0
13	0505	E	5	0	9	0	1	0
13	0505	D	4	1.8	9	0	5	0
13	0506	J	8	1	8	0	3	0
13	0506	G	7	1.8	8	0	4	0
13	0506	F	6	2.4	8	0	4	0
13	0506	E	5	0	10	0	0	0
13	0506	D	4	0	10	0	2	0
13	0507	J	8	0.8	10	0	3	0
13	0507	G	7	1.3	10	0	6	0
13	0507	F	6	4.6	10	0	6	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
13	0507	E	5	0	14	0	0	0
13	0507	D	4	1.6	14	0	4	0
13	0508	J	8	0.9	11	0	4	0
13	0508	I	7	1.3	11	0	6	0
13	0508	H	6	5.4	11	0	6	0
13	0508	E	5	0	13	0	0	0
13	0508	D	4	0	13	0	2	0
13	0509	J	8	1	9	0	4	0
13	0509	I	7	2	9	0	4	0
13	0509	H	6	2.1	9	0	3	0
13	0509	E	5	0	14	0	0	0
13	0509	D	4	0.4	14	0	5	0
13	0560	J	8	0.7	3	0	3	0
13	0560	G	7	1.2	3	0	3	0
13	0560	F	6	1.1	3	0	3	0
13	0560	E	5	0	5	0	0	0
13	0560	D	4	1.3	5	0	5	0
13	0561	J	8	1.1	7	0	3	0
13	0561	I	7	1.1	7	0	5	0
13	0561	H	6	1.9	7	0	3	0
13	0561	E	5	0	9	0	0	0
13	0561	D	4	1.8	9	0	6	0
13	0562	J	8	0.9	7	0	4	0
13	0562	G	7	1.4	7	0	3	0
13	0562	F	6	2.1	7	0	3	0
13	0562	E	5	0	9	0	0	0
13	0562	D	4	1.6	9	0	4	0
13	0563	J	7	1.1	3	0	3	0
13	0563	G	6	2.3	3	0	3	0
13	0563	E	5	0	7	0	0	0
13	0563	D	4	0	7	0	4	0
13	0564	J	7	1	3	0	2	0
13	0564	I	6	2.3	3	0	2	1
13	0564	E	5	0	5	0	0	0
13	0564	D	4	0	5	0	2	0
13	0565	J	8	0.9	7	0	4	0
13	0565	I	7	1.2	7	0	3	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
13	0565	H	6	3.3	7	0	4	0
13	0565	E	5	0	12	0	1	0
13	0565	D	4	1.9	12	0	8	0
13	0566	J	8	0.8	7	0	3	0
13	0566	G	7	1.3	7	0	4	0
13	0566	F	6	4.2	7	0	4	0
13	0566	E	5	0	9	0	0	0
13	0566	D	4	0	9	0	2	0
17	0601	H	5	1.6	14	0	5	0
17	0601	G	4	2.1	14	0	5	0
17	0602	H	5	1.5	2	1	0	3
17	0602	G	4	1.8	2	1	0	3
17	0603	H	5	1.5	8	0	8	0
17	0603	G	4	2.2	8	0	8	0
17	0604	H	5	1.5	4	0	8	0
17	0604	G	4	2.3	4	0	8	0
17	0605	H	5	1.7	2	1	0	3
17	0605	G	4	1.8	2	1	0	3
17	0606	H	5	1.5	8	0	8	0
17	0606	G	4	1.6	8	0	8	0
17	0607	H	5	1.4	6	0	4	0
17	0607	G	4	2.4	6	0	4	0
17	0608	H	5	1.5	5	0	4	0
17	0608	G	4	5.6	5	0	4	0
17	0659	H	5	1.5	0	3	0	3
17	0659	G	4	1.8	0	3	0	3
17	0660	H	5	1.7	2	1	0	3
17	0660	G	4	2.2	2	1	0	3
17	0661	H	5	2	13	0	5	0
17	0661	G	4	2	13	0	5	0
17	0662	H	5	1.2	0	3	0	0
17	0662	G	4	2	0	3	0	3
17	0663	H	5	1.5	0	3	0	3
17	0663	G	4	6.5	0	3	0	3
17	0664	H	5	1.5	0	3	0	3
17	0664	G	4	4.5	0	3	0	3
18	0603	F	5	0.7	7	0	3	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
18	0603	E	4	3	7	0	3	0
18	0604	F	5	0.7	4	0	3	0
18	0604	E	4	2.8	4	0	3	0
18	0606	F	5	0.8	6	0	3	0
18	0606	E	4	3.2	6	0	3	0
18	0607	F	5	1	6	0	3	0
18	0607	E	4	2.9	6	0	3	0
18	0608	F	6	0.8	8	0	0	0
18	0608	E	5	2.4	8	0	4	0
18	0608	D	4	5.3	8	0	4	0
18	0659	F	6	0.6	4	0	0	0
18	0659	E	5	2	4	0	4	0
18	0659	D	4	2.8	4	0	4	0
18	0660	I	6	0.9	4	0	0	0
18	0660	H	5	2.1	4	0	4	0
18	0660	G	4	2.4	4	0	4	0
18	0661	I	5	0.6	3	0	3	0
18	0661	H	4	3.2	3	0	3	0
18	0662	F	6	0.9	4	0	0	0
18	0662	E	5	2.2	4	0	4	0
18	0662	D	4	6.7	4	0	4	0
18	0663	I	6	1.5	3	0	3	0
18	0663	H	5	1.7	3	0	3	0
18	0663	G	4	2.4	3	0	3	0
18	0664	I	6	0.9	3	0	3	0
18	0664	H	5	2.1	3	0	3	0
18	0664	G	4	2.6	3	0	3	0
18	0665	I	6	1.1	4	0	0	0
18	0665	H	5	2.1	4	0	4	0
18	0665	G	4	2.7	4	0	4	0
18	0666	I	6	0.8	3	0	3	0
18	0666	H	5	2.2	3	0	3	0
18	0666	G	4	2.6	3	0	3	0
18	0667	I	6	1	3	0	3	0
18	0667	H	5	1.7	3	0	3	0
18	0667	G	4	2.3	3	0	3	0
18	0668	I	6	1	4	0	1	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
18	0668	H	5	2.2	4	0	4	0
18	0668	G	4	2.8	4	0	4	0
18	0669	I	5	1.2	3	0	3	0
18	0669	H	4	3.7	3	0	3	0
18	0670	I	5	0.9	3	0	3	0
18	0670	H	4	2.5	3	0	3	0
18	0671	I	5	1.1	3	0	3	0
18	0671	H	4	3.3	3	0	3	0
18	0672	I	6	0.8	3	0	3	0
18	0672	H	5	2.4	3	0	3	0
18	0672	G	4	3.2	3	0	3	0
19	0101	L	5	1.8	6	0	4	0
19	0101	K	4	5.9	6	0	4	0
19	0102	L	5	1.9	5	0	3	0
19	0102	K	4	3.1	5	0	3	0
19	0103	L	5	2.1	4	0	3	0
19	0103	K	4	1.7	4	0	3	0
19	0104	L	5	1.8	4	0	3	0
19	0104	K	4	5.2	4	0	3	0
19	0105	L	6	1.8	6	0	4	0
19	0105	K	5	1.8	6	0	4	0
19	0106	L	6	1.9	6	0	4	0
19	0106	K	5	5.1	6	0	4	0
19	0107	M	7	2.8	8	0	12	0
19	0107	L	6	1.9	14	0	4	0
19	0107	K	5	1.5	14	0	4	0
19	0108	L	6	1.9	7	0	3	0
19	0108	K	5	4.1	7	0	3	0
19	0109	L	6	2.5	5	0	3	0
19	0109	K	5	4.9	5	0	3	0
19	0110	L	6	2.5	4	0	3	0
19	0110	K	5	5.4	4	0	3	0
19	0111	L	6	2.5	7	0	3	0
19	0111	K	5	1.9	7	0	3	0
19	0112	L	6	2.4	6	0	4	0
19	0112	K	5	2.1	6	0	4	0
19	0159	L	6	1.5	0	3	0	3

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
19	0159	K	5	2.5	0	3	0	3
19	0601	H	5	2	4	0	8	0
19	0601	G	4	6.2	4	0	8	0
19	0602	H	5	2.1	6	0	3	0
19	0602	G	4	6	6	0	3	0
19	0603	F	5	1.8	5	0	4	0
19	0603	E	4	2.1	5	0	4	0
19	0604	F	5	1.9	5	0	3	0
19	0604	E	4	2.4	5	0	3	0
19	0605	H	5	1.9	6	0	4	0
19	0605	G	4	5.4	6	0	4	0
19	0606	F	5	1.9	4	0	4	0
19	0606	E	4	2.3	4	0	4	0
19	0607	F	5	1.7	4	0	4	0
19	0607	E	4	2.3	4	0	4	0
19	0608	F	5	2.7	4	0	3	0
19	0608	E	4	5.2	4	0	3	0
19	0659	F	5	2	0	3	0	3
19	0659	E	4	2	0	3	0	3
22	0113	I	6	1.5	6	0	4	0
22	0113	H	5	3.4	6	0	4	0
22	0114	I	6	1.4	7	0	3	0
22	0114	H	5	8	7	0	3	0
22	0115	I	6	1.5	8	0	5	0
22	0115	H	5	5.4	8	0	3	0
22	0116	I	6	1.9	7	0	5	0
22	0116	H	5	2.8	7	0	3	0
22	0117	I	7	1.5	9	0	3	0
22	0117	H	6	5.5	9	0	4	0
22	0118	I	7	1.6	10	0	8	0
22	0118	H	6	2.8	10	0	4	0
22	0119	I	7	1.8	9	0	4	0
22	0119	H	6	5.1	9	0	4	0
22	0120	I	7	1.7	9	0	3	0
22	0120	H	6	2.2	9	0	4	0
22	0121	I	7	1.7	7	0	3	0
22	0121	H	6	2.5	7	0	3	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
22	0122	I	8	1.4	7	0	4	0
22	0122	H	7	3.1	7	0	4	0
22	0123	I	8	1.2	9	0	3	0
22	0123	H	7	5.6	9	0	3	0
22	0124	I	8	1.3	10	0	4	0
22	0124	H	7	5.9	10	0	4	0
23	0501	H	7	0.4	3	0	2	0
23	0501	G	6	2	3	0	3	0
23	0501	F	5	2.8	3	0	3	0
23	0501	E	4	3.3	3	0	3	0
23	0502	N	8	3.6	4	0	4	0
23	0502	H	7	0.6	10	0	1	0
23	0502	G	6	2.2	10	0	6	0
23	0502	F	5	2.7	10	0	6	0
23	0502	E	4	3.5	10	0	6	0
23	0503	N	9	2	7	0	7	0
23	0503	L	8	3.5	7	0	7	0
23	0503	H	7	0.5	9	0	2	0
23	0503	G	6	2.1	9	0	9	0
23	0503	F	5	3	9	0	3	0
23	0503	E	4	3.6	9	0	3	0
23	0504	M	9	2	7	0	7	0
23	0504	K	8	3.7	7	0	7	0
23	0504	H	7	0.5	9	0	2	0
23	0504	G	6	2.1	9	0	9	0
23	0504	F	5	2.9	9	0	3	0
23	0504	E	4	3.1	9	0	3	0
23	0505	M	8	2.7	4	0	4	0
23	0505	H	7	0.5	6	0	2	0
23	0505	G	6	2.2	6	0	3	0
23	0505	F	5	2.7	6	0	3	0
23	0505	E	4	3	6	0	3	0
23	0506	M	9	2.1	4	0	4	0
23	0506	I	8	2	4	0	4	0
23	0506	H	7	0	9	0	0	0
23	0506	G	6	1.2	9	0	5	0
23	0506	F	5	2.9	9	0	5	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
23	0506	E	4	3.3	9	0	5	0
23	0507	M	10	2.1	15	0	10	0
23	0507	K	9	3.2	15	0	10	0
23	0507	I	8	2.3	15	0	14	0
23	0507	H	7	0	17	0	2	0
23	0507	G	6	1	17	0	2	0
23	0507	F	5	2.9	17	0	3	0
23	0507	E	4	3	17	0	3	0
23	0508	N	10	1.9	14	0	11	0
23	0508	L	9	2.9	14	0	11	0
23	0508	J	8	2	14	0	14	0
23	0508	H	7	0	20	0	1	0
23	0508	G	6	1.6	20	0	10	0
23	0508	F	5	3	20	0	10	0
23	0508	E	4	3.2	20	0	6	0
23	0509	N	9	2.1	4	0	4	0
23	0509	J	8	1.7	4	0	4	0
23	0509	H	7	0	6	0	2	0
23	0509	G	6	1.1	6	0	2	0
23	0509	F	5	2.7	6	0	3	0
23	0509	E	4	3.1	6	0	3	0
23	0559	M	9	1.8	7	0	6	0
23	0559	I	8	1.3	7	0	14	0
23	0559	H	7	0.4	13	0	1	0
23	0559	G	6	2.1	13	0	12	0
23	0559	F	5	3	13	0	12	0
23	0559	E	4	3.4	13	0	6	0
24	0501	G	7	1	3	0	1	0
24	0501	F	6	1.6	3	0	2	1
24	0501	E	5	2	3	0	3	0
24	0502	Q	9	1.8	27	0	10	0
24	0502	I	8	0.3	31	0	4	0
24	0502	G	7	1	35	0	6	0
24	0502	F	6	1.3	35	0	8	0
24	0502	E	5	1.8	35	0	4	0
24	0503	Q	10	1.5	20	0	10	0
24	0503	I	9	0.4	26	0	6	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
24	0503	H	8	3.2	26	0	10	0
24	0503	G	7	0.9	28	0	0	0
24	0503	F	6	1.6	28	0	7	0
24	0503	E	5	1.8	28	0	2	1
24	0504	K	9	2	10	0	10	0
24	0504	J	8	3.7	10	0	6	0
24	0504	G	7	0.9	12	0	3	0
24	0504	F	6	1.5	12	0	3	0
24	0504	E	5	2.2	12	0	3	0
24	0505	K	8	2.1	15	0	8	0
24	0505	G	7	1.1	17	0	4	0
24	0505	F	6	1.6	17	0	3	0
24	0505	E	5	1.9	17	0	3	0
24	0506	K	8	2.8	10	0	8	0
24	0506	G	7	0	12	0	4	0
24	0506	F	6	1.3	12	0	10	0
24	0506	E	5	2	12	0	6	0
24	0507	K	9	1.9	14	0	6	0
24	0507	J	8	4.7	14	0	14	0
24	0507	G	7	0	16	0	4	0
24	0507	F	6	1.2	16	0	4	0
24	0507	E	5	2.2	16	0	3	0
24	0508	Q	10	1.7	30	0	10	0
24	0508	I	9	0.6	36	0	6	0
24	0508	H	8	4.7	36	0	14	0
24	0508	G	7	0	41	0	10	0
24	0508	F	6	1.5	41	0	7	0
24	0508	E	5	2	41	0	5	0
24	0509	I	8	3.6	22	0	16	0
24	0509	G	7	0	27	0	7	0
24	0509	F	6	1.2	27	0	8	0
24	0509	E	5	2.2	27	0	9	0
24	0559	P	8	3.4	12	0	12	0
24	0559	G	7	1	17	0	5	0
24	0559	F	6	1.4	17	0	12	0
24	0559	E	5	2.3	17	0	8	0
24	0560	P	8	0.9	12	0	17	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
24	0560	N	9	2.7	12	0	9	0
24	0560	G	7	0.9	17	0	1	0
24	0560	F	6	1.8	17	0	16	0
24	0560	E	5	2	17	0	5	0
24	0561	L	8	2.8	12	0	12	0
24	0561	G	7	1.1	16	0	8	0
24	0561	F	6	1.4	16	0	16	0
24	0561	E	5	2.1	16	0	15	0
24	0562	M	8	2.9	12	0	12	0
24	0562	G	7	0.9	12	0	0	0
24	0562	F	6	1.7	12	0	8	0
24	0562	E	5	1.9	12	0	7	0
24	0563	O	8	2.9	12	0	12	0
24	0563	G	7	1	12	0	2	0
24	0563	F	6	1.3	12	0	11	0
24	0563	E	5	2.1	12	0	10	0
26	0113	J	4	1.9	4	0	4	0
26	0113	I	3	2.5	4	0	4	0
26	0114	J	5	1.7	6	0	6	0
26	0114	I	4	2.2	6	0	6	0
26	0114	H	3	2.9	6	0	6	0
26	0115	K	6	2	3	0	3	0
26	0115	J	5	0	9	0	6	0
26	0115	I	4	1.6	9	0	6	0
26	0115	H	3	2.8	9	0	6	0
26	0116	K	5	1.6	5	0	4	0
26	0116	J	4	0.4	9	0	4	0
26	0116	I	3	2.1	9	0	4	0
26	0117	K	7	1.6	5	0	4	0
26	0117	J	6	0.3	9	0	4	0
26	0117	I	5	1.6	9	0	4	0
26	0117	H	4	3.2	9	0	8	0
26	0118	K	6	1.5	0	3	0	3
26	0118	J	5	0.3	6	0	6	0
26	0118	I	4	1.9	6	0	6	0
26	0119	J	6	1.9	6	0	6	0
26	0119	I	5	2.1	6	0	6	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
26	0119	H	4	2.6	6	0	6	0
26	0120	K	6	1.5	0	3	0	3
26	0120	J	5	0.3	6	0	6	0
26	0120	I	4	1.8	6	0	6	0
26	0121	K	6	1.5	0	3	0	3
26	0121	J	5	0.4	4	0	4	0
26	0121	I	4	2	4	0	4	0
26	0122	J	6	1.7	6	0	6	0
26	0122	I	5	2	6	0	6	0
26	0123	K	8	1.6	4	0	3	0
26	0123	J	7	0.5	8	0	4	0
26	0123	I	6	1.9	8	0	4	0
26	0123	H	5	2	8	0	4	0
26	0124	K	8	1.6	5	0	4	0
26	0124	J	7	0.5	9	0	4	0
26	0124	I	6	1.9	9	0	4	0
26	0124	H	5	2.3	9	0	8	0
26	0159	K	8	1.5	0	3	0	3
26	0159	J	7	0	6	0	6	0
26	0159	I	6	1.5	6	0	6	0
26	0159	H	5	3.2	6	0	6	0
27	0501	F	5	1.6	9	0	3	0
27	0501	E	4	5.1	9	0	3	0
27	0502	I	6	2	9	0	3	0
27	0502	F	5	1.4	9	0	3	0
27	0502	E	4	5.3	9	0	3	0
27	0503	I	7	1.7	14	0	8	0
27	0503	G	6	2.7	14	0	8	0
27	0503	F	5	1.5	17	0	7	0
27	0503	E	4	4.9	17	0	6	0
27	0504	J	7	1.8	14	0	8	0
27	0504	H	6	3.3	14	0	8	0
27	0504	F	5	1.2	14	0	4	0
27	0504	E	4	5.5	14	0	8	0
27	0505	J	6	2	9	0	3	0
27	0505	F	5	1.3	10	0	3	0
27	0505	E	4	5.3	10	0	5	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
27	0506	J	7	1.7	9	0	3	0
27	0506	H	6	1.7	9	0	3	0
27	0506	F	5	0	11	0	2	0
27	0506	E	4	5.3	11	0	5	0
27	0507	J	7	1.6	10	0	4	0
27	0507	H	6	4.7	10	0	4	0
27	0507	F	5	0	13	0	3	0
27	0507	E	4	5.1	13	0	8	0
27	0508	I	7	2.2	10	0	4	0
27	0508	G	6	3.9	10	0	4	0
27	0508	F	5	0.1	10	0	0	0
27	0508	E	4	4.7	10	0	5	0
27	0509	I	7	1.6	9	0	3	0
27	0509	G	6	2	9	0	3	0
27	0509	F	5	0.1	9	0	0	0
27	0509	E	4	4.9	9	0	3	0
27	0559	J	6	1.7	9	0	3	0
27	0559	F	5	1.1	12	0	3	0
27	0559	E	4	5.8	12	0	7	0
27	0560	J	6	1.6	9	0	3	0
27	0560	F	5	1.7	9	0	3	0
27	0560	E	4	6.4	9	0	3	0
27	0561	J	6	1.6	9	0	3	0
27	0561	F	5	1.7	9	0	3	0
27	0561	E	4	5.7	9	0	3	0
28	0805	E	4	2	0	3	0	3
28	0805	D	3	2	0	3	0	3
28	0806	E	5	2	15	0	12	0
28	0806	D	4	1.7	15	0	12	0
28	0806	C	3	2.9	15	0	10	0
29	0501	D	4	1.1	2	1	1	0
29	0501	C	3	7.3	2	1	1	2
29	0502	E	5	2.1	4	0	4	0
29	0502	D	4	1.4	8	0	3	0
29	0502	C	3	7	8	0	3	0
29	0503	F	5	2.9	6	0	6	0
29	0503	E	6	2	6	0	6	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
29	0503	D	4	1.1	8	0	0	0
29	0503	C	3	7.4	8	0	0	3
29	0504	H	6	1.8	14	0	10	0
29	0504	G	5	2.9	14	0	7	0
29	0504	D	4	1.1	16	0	10	0
29	0504	C	3	7	16	0	8	0
29	0505	H	5	2.2	6	0	4	0
29	0505	D	4	1.1	6	0	0	0
29	0505	C	3	7.7	6	0	0	3
29	0506	H	6	2	8	0	4	0
29	0506	G	5	1.9	8	0	8	0
29	0506	D	4	0	13	0	3	0
29	0506	C	3	5.7	13	0	6	0
29	0507	H	6	1.8	10	0	10	0
29	0507	G	5	4.5	10	0	10	0
29	0507	D	4	0.2	12	0	0	0
29	0507	C	3	7	12	0	3	0
29	0508	F	5	5	6	0	5	0
29	0508	E	6	2.1	6	0	6	0
29	0508	D	4	0	11	0	3	0
29	0508	C	3	6.2	11	0	4	0
29	0509	F	5	2.1	16	0	16	0
29	0509	E	6	2.1	16	0	12	0
29	0509	D	4	0	18	0	0	0
29	0509	C	3	6.1	18	0	10	0
29	0603	E	5	1.9	8	0	8	0
29	0603	D	4	2.1	8	0	8	0
29	0604	E	5	1.7	10	0	7	0
29	0604	D	4	2.3	10	0	7	0
29	0606	E	5	1.8	10	0	6	0
29	0606	D	4	2.2	10	0	7	0
29	0607	E	5	2.1	8	0	5	0
29	0607	D	4	2.4	8	0	5	0
29	0608	E	5	2.3	9	0	8	0
29	0608	D	4	5.7	9	0	12	0
29	0659	E	5	1.9	8	0	8	0
29	0659	D	4	2.5	8	0	8	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
29	0660	E	5	2.2	8	0	5	0
29	0660	D	4	5.7	8	0	9	0
29	0661	E	5	1.9	8	0	8	0
29	0661	D	4	10.7	8	0	16	0
29	0662	E	5	2.3	8	0	5	0
29	0662	D	4	5.7	8	0	9	0
29	0663	E	5	1.8	8	0	5	0
29	0663	D	4	10.6	8	0	9	0
29	0664	E	5	1.9	8	0	8	0
29	0664	D	4	6	8	0	13	0
29	0665	E	5	1.9	8	0	9	0
29	0665	D	4	2.8	8	0	9	0
29	0801	E	4	2	10	0	8	0
29	0801	D	3	2.7	10	0	8	0
29	0802	E	4	2	11	0	8	0
29	0802	D	3	5.5	11	0	5	0
29	A603	H	5	2.2	8	0	8	0
29	A603	F	4	2.1	8	0	8	0
29	A604	H	5	2.3	7	0	4	0
29	A604	F	4	2.2	7	0	4	0
29	A606	H	5	2.2	8	0	8	0
29	A606	F	4	2.6	8	0	8	0
29	A607	H	5	2.2	8	0	4	0
29	A607	F	4	2.5	8	0	4	0
29	A608	H	5	2	8	0	8	0
29	A608	F	4	6.1	8	0	8	0
29	A801	D	4	1.6	8	0	8	0
29	A801	C	3	2.7	8	0	8	0
29	A802	D	4	1.6	8	0	8	0
29	A802	C	3	5.3	8	0	8	0
30	0113	F	4	0.2	0	3	0	0
30	0113	E	3	5	4	0	4	0
30	0114	F	4	0.2	3	0	0	0
30	0114	E	3	7.2	3	0	3	0
30	0115	F	4	0.2	3	0	0	0
30	0115	E	3	7.4	3	0	3	0
30	0116	F	4	0.2	2	1	0	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
30	0116	E	3	4.6	3	0	3	0
30	0117	F	5	0.2	0	3	0	0
30	0117	E	4	7.2	4	0	4	0
30	0118	F	5	0.2	0	3	0	0
30	0118	E	4	4.6	4	0	4	0
30	0119	F	5	0.2	0	3	0	0
30	0119	E	4	7.6	4	0	4	0
30	0120	F	5	0.2	3	0	0	0
30	0120	E	4	4.3	3	0	3	0
30	0121	F	5	0.2	0	3	0	0
30	0121	E	4	4.4	4	0	4	0
30	0122	F	5	0.2	2	1	0	0
30	0122	E	4	4.3	3	0	3	0
30	0123	F	5	0.2	3	0	0	0
30	0123	E	4	7.6	3	0	3	0
30	0124	F	5	0.2	0	3	0	0
30	0124	E	4	7.1	5	0	5	0
30	0805	D	4	0.3	0	3	0	0
30	0805	C	3	4.5	8	0	9	0
30	0806	D	4	0.3	0	3	0	0
30	0806	C	3	6.9	5	0	7	0
32	0101	H	5	7.2	6	0	6	0
32	0102	H	5	4.3	4	0	4	0
32	0103	H	5	4.1	6	0	6	0
32	0104	H	5	7.3	7	0	4	0
32	0105	H	6	4.2	7	0	4	0
32	0106	H	6	7.2	6	0	6	0
32	0107	H	6	4.4	9	0	6	0
32	0108	H	6	7	9	0	6	0
32	0109	H	6	7	6	0	4	0
32	0110	H	6	6.6	7	0	4	0
32	0111	H	6	4.1	7	0	4	0
32	0112	H	6	4.5	9	0	6	0
34	0501	F	5	3.5	0	3	0	3
34	0501	E	4	6	0	3	0	3
34	0502	H	6	1.7	9	0	8	0
34	0502	F	5	2.9	16	0	13	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
34	0502	E	4	5.8	16	0	13	0
34	0503	H	8	1.7	7	0	6	0
34	0503	G	7	3	7	0	6	0
34	0503	F	6	3	11	0	8	0
34	0503	E	5	6.2	11	0	8	0
34	0504	J	8	1.8	14	0	14	0
34	0504	I	7	2.9	14	0	14	0
34	0504	F	6	3	14	0	4	0
34	0504	E	5	5.7	14	0	4	0
34	0505	J	7	1.8	5	0	4	0
34	0505	F	6	3	10	0	10	0
34	0505	E	5	6.1	10	0	10	0
34	0506	J	6	1.9	8	0	4	0
34	0506	I	5	2	8	0	4	0
34	0506	F	4	0.9	8	0	3	0
34	0506	E	3	6.5	8	0	3	0
34	0507	M	6	2.6	21	0	18	0
34	0507	J	8	1.9	21	0	14	0
34	0507	I	7	2.9	21	0	14	0
34	0507	F	5	1	21	0	3	0
34	0507	E	4	5.3	21	0	3	0
34	0508	N	7	2.5	25	0	22	0
34	0508	H	9	1.8	25	0	14	0
34	0508	G	8	3.3	25	0	18	0
34	0508	F	6	0.9	25	0	3	0
34	0508	E	5	5.8	25	0	3	0
34	0509	H	8	1.8	8	0	8	0
34	0509	G	7	2.6	8	0	8	0
34	0509	F	6	1.1	8	0	4	0
34	0509	E	5	6.2	8	0	4	0
34	0559	I	6	2.5	15	0	15	0
34	0559	H	7	1.9	15	0	15	0
34	0559	F	5	1	15	0	0	0
34	0559	E	4	5.6	15	0	0	3
34	0560	L	7	1	15	0	0	0
34	0560	I	6	2.3	15	0	15	0
34	0560	F	5	1	22	0	9	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
34	0560	E	4	5.6	22	0	10	0
35	0101	M	5	0.7	8	0	0	0
35	0101	L	4	6.7	8	0	6	0
35	0102	M	5	0.6	6	0	0	0
35	0102	L	4	4.2	6	0	3	0
35	0103	M	5	0.6	6	0	0	0
35	0103	L	4	4.7	6	0	4	0
35	0104	M	5	0.8	6	0	0	0
35	0104	L	4	7.6	6	0	4	0
35	0105	M	6	0.8	8	0	0	0
35	0105	L	5	5	8	0	6	0
35	0106	M	6	0.8	8	0	0	0
35	0106	L	5	7	8	0	6	0
35	0107	M	6	0.8	8	0	0	0
35	0107	L	5	5.2	8	0	6	0
35	0108	M	6	0.7	9	0	0	0
35	0108	L	5	7.1	9	0	6	0
35	0109	M	6	0.7	7	0	0	0
35	0109	L	5	7.4	7	0	4	0
35	0110	M	7	0.8	7	0	0	0
35	0110	L	6	7.2	7	0	4	0
35	0111	M	7	0.6	6	0	0	0
35	0111	L	6	4.3	6	0	4	0
35	0112	M	7	1	8	0	0	0
35	0112	L	6	4.4	8	0	6	0
35	0501	J	7	2	4	0	4	0
35	0501	I	9	1.3	4	0	0	0
35	0501	G	8	1	4	0	0	0
35	0501	F	6	0	6	0	0	0
35	0501	E	5	0.3	6	0	0	0
35	0501	D	4	2.2	6	0	2	1
35	0501	C	3	3.7	6	0	3	0
35	0502	I	8	0.8	7	0	0	0
35	0502	H	7	2.1	7	0	8	0
35	0502	F	6	0.5	9	0	0	0
35	0502	E	5	1.4	9	0	4	0
35	0502	D	4	3.2	9	0	3	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
35	0502	C	3	3.3	9	0	3	0
35	0503	I	8	1	10	0	0	0
35	0503	H	7	4.4	10	0	10	0
35	0503	F	6	0.3	12	0	0	0
35	0503	E	5	1.4	12	0	4	0
35	0503	D	4	3.2	12	0	3	0
35	0503	C	3	3.4	12	0	3	0
35	0504	I	8	0.6	6	0	0	0
35	0504	G	7	4.6	6	0	6	0
35	0504	F	6	0.3	11	0	0	0
35	0504	E	5	1.7	11	0	4	0
35	0504	D	4	2.6	11	0	4	0
35	0504	C	3	3.5	11	0	4	0
35	0505	I	8	0.8	7	0	0	0
35	0505	G	7	2.5	7	0	8	0
35	0505	F	6	0.6	10	0	0	0
35	0505	E	5	1.6	10	0	8	0
35	0505	D	4	2.4	10	0	4	0
35	0505	C	3	3.1	10	0	4	0
35	0506	I	8	0.8	7	0	0	0
35	0506	G	7	4.1	7	0	4	0
35	0506	F	6	0	9	0	0	0
35	0506	E	5	0.3	9	0	0	0
35	0506	D	4	2.7	9	0	3	0
35	0506	C	3	3.2	9	0	3	0
35	0507	I	8	0.9	10	0	0	0
35	0507	G	7	7.3	10	0	10	0
35	0507	F	6	0	12	0	0	0
35	0507	E	5	0	12	0	0	0
35	0507	D	4	1.4	12	0	3	0
35	0507	C	3	3.5	12	0	3	0
35	0508	I	8	0.8	3	0	0	0
35	0508	H	7	7.2	3	0	6	0
35	0508	F	6	0	8	0	0	0
35	0508	E	5	0	8	0	0	0
35	0508	D	4	3.7	8	0	4	0
35	0508	C	3	3.2	8	0	4	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
35	0509	I	8	0.9	8	0	0	0
35	0509	H	7	3.9	8	0	7	0
35	0509	F	6	0	10	0	0	0
35	0509	E	5	0	10	0	0	0
35	0509	D	4	2.4	10	0	0	3
35	0509	C	3	3.8	10	0	3	0
35	0801	C	3	4.2	16	0	8	0
35	0802	C	3	7	12	0	4	0
36	0801	G	4	1.2	34	0	16	0
36	0801	F	3	3.8	34	0	16	0
36	0802	G	5	0.9	35	0	11	0
36	0802	F	4	2.1	35	0	16	0
36	0802	E	3	4.6	35	0	20	0
36	0859	G	5	1.2	12	0	8	0
36	0859	F	4	1.4	12	0	8	0
36	0859	E	3	3.9	12	0	8	0
37	0259	L	3	1.2	0	3	0	0
37	0260	L	3	1.2	0	3	0	0
37	0801	F	4	1.6	9	0	8	0
37	0801	E	3	2.2	9	0	8	0
37	0802	F	5	1.8	22	0	12	0
37	0802	E	4	2.4	22	0	12	0
37	0802	D	3	2.7	22	0	20	0
37	0859	F	3	1.4	8	0	8	0
39	0101	F	4	1.9	6	0	6	0
39	0101	E	3	5.1	6	0	0	3
39	0102	F	4	1.8	4	0	4	0
39	0102	E	3	2.1	4	0	0	3
39	0103	F	4	1.8	4	0	4	0
39	0103	E	3	2.2	4	0	0	3
39	0104	F	4	1.7	6	0	4	0
39	0104	E	3	5	6	0	4	0
39	0105	F	5	1.9	6	0	4	0
39	0105	E	4	2.1	6	0	6	0
39	0106	F	5	1.7	61	0	8	0
39	0106	E	4	5	61	0	14	0
39	0107	F	5	1.7	6	0	5	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
39	0107	E	4	2.1	6	0	6	0
39	0108	F	5	1.7	6	0	4	0
39	0108	E	4	4.9	6	0	6	0
39	0109	F	5	1.8	4	0	1	2
39	0109	E	4	5.2	4	0	4	0
39	0110	F	5	1.8	4	0	0	3
39	0110	E	4	5.5	4	0	4	0
39	0111	F	5	1.7	8	0	3	0
39	0111	E	4	2.3	8	0	4	0
39	0112	F	5	1.7	10	0	4	0
39	0112	E	4	2.3	10	0	6	0
39	0159	F	4	1.7	0	3	0	3
39	0159	E	3	2.3	0	3	0	3
39	0160	F	5	1.7	6	0	0	3
39	0160	E	4	2.3	6	0	6	0
40	0113	I	5	1.5	8	0	6	0
40	0113	H	4	3	8	0	6	0
40	0114	I	5	2	6	0	4	0
40	0114	H	4	6.1	6	0	4	0
40	0115	I	5	2	8	0	3	0
40	0115	H	4	5.6	8	0	3	0
40	0116	I	5	1.8	8	0	4	0
40	0116	H	4	2.3	8	0	3	0
40	0117	I	6	1.9	9	0	6	0
40	0117	H	5	5.9	9	0	6	0
40	0118	I	6	1.8	10	0	4	0
40	0118	H	5	2.7	10	0	5	0
40	0119	I	6	1.5	9	0	6	0
40	0119	H	5	5.8	9	0	6	0
40	0120	I	6	1.6	10	0	6	0
40	0120	H	5	3.1	10	0	6	0
40	0121	I	6	1.5	8	0	4	0
40	0121	H	5	2.5	8	0	4	0
40	0122	I	7	1.8	7	0	4	0
40	0122	H	6	2.6	7	0	4	0
40	0123	I	7	1.6	8	0	4	0
40	0123	H	6	5.5	8	0	4	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
40	0124	I	7	1.9	9	0	6	0
40	0124	H	6	5.4	9	0	4	0
40	0160	I	6	1.5	0	3	2	1
40	0160	H	5	6.5	0	3	3	0
40	0501	E	4	1.3	5	0	3	0
40	0501	D	3	2.6	5	0	3	0
40	0502	G	5	1.7	9	0	3	0
40	0502	E	4	1.3	13	0	3	0
40	0502	D	3	2.7	13	0	4	0
40	0503	G	6	2	8	0	3	0
40	0503	F	5	2.5	8	0	6	0
40	0503	E	4	1	10	0	3	0
40	0503	D	3	2.9	10	0	3	0
40	0504	I	6	1.9	13	0	10	0
40	0504	H	5	2.5	13	0	12	0
40	0504	E	4	1.5	15	0	9	0
40	0504	D	3	2.8	15	0	5	0
40	0505	I	5	1.8	9	0	3	0
40	0505	E	4	1.6	11	0	3	0
40	0505	D	3	2.7	11	0	3	0
40	0506	I	5	3.8	8	0	5	0
40	0506	E	4	0	10	0	1	0
40	0506	D	3	2	10	0	3	0
40	0507	I	6	3.3	9	0	5	0
40	0507	H	5	3	9	0	9	0
40	0507	E	4	0.5	14	0	4	0
40	0507	D	3	2.9	14	0	8	0
40	0508	G	6	3.1	13	0	11	0
40	0508	F	5	3	13	0	12	0
40	0508	E	4	0	14	0	0	0
40	0508	D	3	2.1	14	0	2	1
40	0509	G	5	3	7	0	3	0
40	0509	E	4	0	12	0	4	0
40	0509	D	3	2.1	12	0	4	0
40	0560	I	5	3.2	7	0	3	0
40	0560	E	4	1	9	0	3	0
40	0560	D	3	2.7	9	0	3	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
40	0603	D	4	4	3	0	4	0
40	0604	D	4	3.9	4	0	4	0
40	0606	D	4	4.4	4	0	4	0
40	0607	H	6	1.4	11	0	8	0
40	0607	G	5	0	11	0	0	0
40	0607	D	4	3.8	15	0	4	0
40	0608	E	4	5.8	19	0	15	0
40	0608	D	5	1.8	19	0	12	0
42	0603	I	5	1.7	10	0	4	0
42	0603	H	4	2.4	10	0	4	0
42	0604	I	5	1.8	10	0	4	0
42	0604	H	4	2.5	10	0	4	0
42	0606	I	5	1.9	9	0	4	0
42	0606	H	4	2.5	9	0	4	0
42	0607	I	5	1.7	10	0	4	0
42	0607	H	4	2.5	10	0	4	0
42	0608	J	4	1.1	23	0	2	0
42	0608	I	7	1.8	23	0	16	0
42	0608	H	6	2.6	23	0	16	0
42	0608	G	5	3	23	0	16	0
42	0660	J	4	1.2	13	0	1	0
42	0660	F	7	1.7	13	0	3	0
42	0660	E	6	2.7	13	0	3	0
42	0660	D	5	4.2	13	0	3	0
42	0661	J	4	1.1	22	0	0	0
42	0661	F	7	1.8	22	0	16	0
42	0661	E	6	2.4	22	0	16	0
42	0661	D	5	8	22	0	16	0
42	0662	J	4	0.8	14	0	0	0
42	0662	F	7	1.9	14	0	4	0
42	0662	E	6	2.3	14	0	4	0
42	0662	D	5	3	14	0	4	0
46	0601	I	5	3.1	3	0	0	3
46	0601	H	4	0.6	3	0	0	0
46	0602	I	5	3.6	17	0	8	0
46	0602	H	4	0.8	17	0	0	0
46	0603	J	7	0.3	5	0	0	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
46	0603	G	6	0.5	5	0	0	0
46	0603	E	5	2.1	9	0	8	0
46	0603	D	4	2.4	9	0	8	0
46	0604	J	7	0.2	5	0	0	0
46	0604	G	6	0.5	5	0	0	0
46	0604	E	5	2.2	9	0	8	0
46	0604	D	4	2.3	9	0	8	0
46	0605	I	5	3.3	3	0	0	3
46	0605	H	4	1	3	0	0	0
46	0606	J	7	0.2	0	3	0	0
46	0606	G	6	0.5	0	3	0	0
46	0606	E	5	1.7	4	0	4	0
46	0606	D	4	2.7	4	0	4	0
46	0607	J	7	0.2	0	3	0	0
46	0607	G	6	0.5	0	3	0	0
46	0607	E	5	1.7	4	0	4	0
46	0607	D	4	3	4	0	4	0
46	0608	J	7	0.3	5	0	0	0
46	0608	G	6	0.5	5	0	0	0
46	0608	E	5	1.9	9	0	8	0
46	0608	D	4	4.6	9	0	8	0
46	0660	J	7	0.3	0	3	0	0
46	0660	G	6	0.5	0	3	0	0
46	0660	E	5	1.7	4	0	3	0
46	0660	D	4	4.1	4	0	4	0
46	0661	J	7	0.3	0	3	0	0
46	0661	G	6	0.5	0	3	0	0
46	0661	E	5	1.6	4	0	4	0
46	0661	D	4	3	4	0	4	0
46	0662	J	8	0.3	0	3	0	0
46	0662	G	7	0.5	0	3	0	0
46	0662	F	4	0.1	4	0	4	0
46	0662	E	6	1.5	4	0	0	3
46	0662	D	5	2.7	4	0	4	0
46	0803	E	3	4.5	9	0	8	0
46	0804	E	3	6.9	10	0	8	0
46	0859	E	5	2.6	8	0	8	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
47	0603	H	6	1.2	4	0	3	0
47	0603	G	5	0.4	4	0	0	0
47	0603	F	4	2.8	4	0	4	0
47	0604	H	6	1	4	0	2	0
47	0604	G	5	0.4	4	0	0	0
47	0604	F	4	2.8	4	0	4	0
47	0606	H	6	1.3	4	0	3	0
47	0606	G	5	0.4	4	0	0	0
47	0606	F	4	2.5	4	0	4	0
47	0607	H	6	1.2	4	0	3	0
47	0607	G	5	0.4	4	0	0	0
47	0607	F	4	2.8	4	0	4	0
47	0608	H	6	1.4	4	0	4	0
47	0608	G	5	0.4	4	0	0	0
47	0608	F	4	6.9	4	0	4	0
47	0661	H	6	1.3	4	0	3	0
47	0661	G	5	0.4	4	0	0	0
47	0661	F	4	6.6	4	0	4	0
47	0662	H	6	1.2	4	0	2	0
47	0662	G	5	0.4	4	0	0	0
47	0662	F	4	7	4	0	4	0
48	0113	O	6	2.4	7	0	7	0
48	0113	N	5	0	11	0	4	0
48	0113	M	4	2.2	11	0	4	0
48	0114	O	6	2.1	7	0	7	0
48	0114	N	5	0	13	0	6	0
48	0114	M	4	4.3	13	0	5	0
48	0115	O	6	2.3	9	0	5	0
48	0115	N	5	0.2	15	0	6	0
48	0115	M	4	4.8	15	0	6	0
48	0116	O	6	2.2	7	0	6	0
48	0116	N	5	0	11	0	4	0
48	0116	M	4	2.6	11	0	4	0
48	0117	O	7	2.1	7	0	6	0
48	0117	N	6	0	11	0	4	0
48	0117	M	5	4.7	11	0	4	0
48	0118	O	7	2.1	7	0	7	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
48	0118	N	6	0	13	0	6	0
48	0118	M	5	3.1	13	0	6	0
48	0119	O	8	2.1	8	0	5	0
48	0119	N	7	0.5	14	0	5	0
48	0119	M	6	5.2	14	0	5	0
48	0120	O	8	2	8	0	7	0
48	0120	N	7	0	14	0	6	0
48	0120	M	6	2.6	14	0	6	0
48	0121	O	8	2.1	9	0	6	0
48	0121	N	7	0.2	15	0	6	0
48	0121	M	6	2.6	15	0	6	0
48	0122	O	8	2.2	10	0	6	0
48	0122	N	7	0.2	16	0	6	0
48	0122	M	6	2.4	16	0	6	0
48	0123	O	8	2.1	8	0	8	0
48	0123	N	7	0	12	0	4	0
48	0123	M	6	4	12	0	4	0
48	0124	O	8	2	8	0	8	0
48	0124	N	7	0	14	0	6	0
48	0124	M	6	4.2	14	0	6	0
48	0160	O	6	1.9	6	0	2	1
48	0160	N	5	0.4	12	0	6	0
48	0160	M	4	2.6	12	0	6	0
48	0161	O	6	2.2	4	0	3	0
48	0161	N	5	0.5	8	0	4	0
48	0161	M	4	2.5	8	0	4	0
48	0162	O	6	1.9	3	0	3	0
48	0162	N	5	0	7	0	4	0
48	0162	M	4	2.5	7	0	4	0
48	0163	O	6	2	4	0	4	0
48	0163	N	5	0	8	0	4	0
48	0163	M	4	2.6	8	0	4	0
48	0164	O	6	2	4	0	4	0
48	0164	N	5	0	8	0	4	0
48	0164	M	4	2.1	8	0	4	0
48	0165	O	6	2.1	4	0	4	0
48	0165	N	5	0	8	0	4	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
48	0165	M	4	2.5	8	0	4	0
48	0166	N	5	2.4	4	0	4	0
48	0166	M	4	2.9	4	0	4	0
48	0167	O	7	2.2	4	0	4	0
48	0167	N	6	0	8	0	4	0
48	0167	M	5	2.6	8	0	4	0
48	0801	E	5	2.3	9	0	7	0
48	0801	D	4	2.1	9	0	8	0
48	0802	E	5	2.5	10	0	9	0
48	0802	D	4	4	10	0	8	0
48	A502	G	6	2.1	5	0	5	0
48	A502	E	5	1.2	9	0	3	0
48	A502	D	4	8.1	9	0	3	0
48	A503	G	7	2	13	0	8	0
48	A503	F	6	3.2	13	0	11	0
48	A503	E	5	1.4	19	0	10	0
48	A503	D	4	8	19	0	11	0
48	A504	I	7	2.1	11	0	4	0
48	A504	H	6	2.9	11	0	10	0
48	A504	E	5	1.2	15	0	4	0
48	A504	D	4	7.7	15	0	3	0
48	A505	I	6	2.1	6	0	4	0
48	A505	E	5	1.5	10	0	2	1
48	A505	D	4	7.9	10	0	2	1
48	A506	I	7	2.2	7	0	4	0
48	A506	H	6	1.9	7	0	6	0
48	A506	E	5	0	11	0	3	0
48	A506	D	4	7.3	11	0	3	0
48	A507	I	7	1.9	11	0	4	0
48	A507	H	6	4.9	11	0	10	0
48	A507	E	5	0	15	0	0	0
48	A507	D	4	7.6	15	0	3	0
48	A508	G	7	2.1	11	0	4	0
48	A508	F	6	5.2	11	0	10	0
48	A508	E	5	0	15	0	0	0
48	A508	D	4	8.2	15	0	4	0
48	A509	G	7	2.1	10	0	3	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
48	A509	F	6	2.2	10	0	7	0
48	A509	E	5	0	14	0	3	0
48	A509	D	4	7.8	14	0	3	0
49	0803	E	5	0.1	0	3	0	0
49	0803	D	4	4.9	8	0	8	0
49	0804	E	5	0.1	0	3	0	0
49	0804	D	4	7.1	5	0	8	0
51	0113	P	5	1.7	7	0	7	0
51	0113	O	4	2.3	7	0	5	0
51	0114	P	5	3.4	4	0	4	0
51	0114	O	4	3.9	4	0	4	0
51	0115	P	5	1.9	4	0	4	0
51	0115	O	4	4.5	4	0	4	0
51	0116	P	5	1.6	4	0	4	0
51	0116	O	4	2.9	4	0	4	0
51	0117	P	6	1.7	7	0	5	0
51	0117	O	5	4.9	7	0	6	0
51	0118	P	6	1.7	10	0	6	0
51	0118	O	5	2.4	10	0	6	0
51	0119	P	6	1.4	7	0	6	0
51	0119	O	5	5	7	0	6	0
51	0120	P	6	1.3	6	0	3	0
51	0120	O	5	2.8	6	0	5	0
51	0121	P	6	1.6	5	0	4	0
51	0121	O	5	2.1	5	0	3	0
51	0122	P	7	1.7	4	0	4	0
51	0122	O	6	2.2	4	0	4	0
51	0123	P	7	1.7	8	0	4	0
51	0123	O	6	4.8	8	0	4	0
51	0124	P	7	1.6	6	0	5	0
51	0124	O	6	4.7	6	0	6	0
51	0159	P	7	1.4	14	0	13	0
51	0159	O	6	2	14	0	13	0
53	0801	G	6	0.3	0	3	0	0
53	0801	F	5	3.7	8	0	8	0
53	0802	G	6	0.3	0	3	0	0
53	0802	F	5	6.8	5	0	5	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
55	0113	K	5	2	8	0	6	0
55	0113	J	4	3.1	8	0	6	0
55	0114	K	5	1.9	4	0	4	0
55	0114	J	4	5.8	4	0	4	0
55	0115	K	6	2	8	0	8	0
55	0115	J	5	5.5	8	0	8	0
55	0116	K	6	2.1	8	0	8	0
55	0116	J	5	2	8	0	4	0
55	0117	K	7	1.9	10	0	6	0
55	0117	J	6	4.4	10	0	10	0
55	0118	K	7	1.9	9	0	6	0
55	0118	J	6	2.3	9	0	6	0
55	0119	K	7	1.7	10	0	6	0
55	0119	J	6	4.5	10	0	10	0
55	0120	K	7	1.6	9	0	6	0
55	0120	J	6	1.9	9	0	6	0
55	0121	K	6	1.8	8	0	8	0
55	0121	J	5	2	8	0	4	0
55	0122	K	8	1.9	7	0	4	0
55	0122	J	7	2.6	7	0	4	0
55	0123	K	7	2	7	0	4	0
55	0123	J	6	4.8	7	0	4	0
55	0124	K	7	1.8	9	0	6	0
55	0124	J	6	5.3	9	0	6	0
55	0805	D	4	2.1	5	0	12	0
55	0805	C	3	2.4	5	0	12	0
55	0806	D	4	2.1	10	0	16	0
55	0806	C	3	5.1	10	0	16	0
81	0501	E	5	0.2	4	0	0	0
81	0501	D	4	6.3	4	0	4	0
81	0502	G	6	2	7	0	4	0
81	0502	E	5	0.2	9	0	0	0
81	0502	D	4	5.4	9	0	3	0
81	0503	G	6	5	6	0	6	0
81	0503	E	5	0.2	11	0	0	0
81	0503	D	4	6.2	11	0	3	0
81	0504	I	6	4.8	9	0	6	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
81	0504	E	5	0.2	11	0	0	0
81	0504	D	4	6.3	11	0	3	0
81	0505	I	6	2.1	8	0	0	3
81	0505	E	5	0.2	10	0	0	0
81	0505	D	4	6.1	10	0	8	0
81	0506	I	7	2.1	12	0	4	0
81	0506	H	6	1.7	12	0	6	0
81	0506	E	5	0	14	0	0	0
81	0506	D	4	2.9	14	0	7	0
81	0507	I	7	4.7	10	0	6	0
81	0507	H	6	1.8	10	0	10	0
81	0507	E	5	0	12	0	0	0
81	0507	D	4	3.8	12	0	4	0
81	0508	G	7	4.9	10	0	6	0
81	0508	F	6	2	10	0	10	0
81	0508	E	5	0	12	0	0	0
81	0508	D	4	4.2	12	0	4	0
81	0509	G	7	1.8	12	0	4	0
81	0509	F	6	2	12	0	8	0
81	0509	E	5	0	17	0	0	0
81	0509	D	4	5	17	0	3	0
83	0501	I	6	0.3	6	0	0	0
83	0501	H	5	2.1	6	0	0	3
83	0501	G	4	2.6	6	0	0	3
83	0502	L	8	0.2	4	0	0	0
83	0502	J	7	2.7	14	0	3	0
83	0502	I	6	0.2	15	0	0	0
83	0502	H	5	1.9	15	0	0	3
83	0502	G	4	2.3	15	0	1	2
83	0503	L	8	0.2	4	0	0	0
83	0503	J	7	5.3	19	0	3	0
83	0503	I	6	0.2	29	0	0	0
83	0503	H	5	2.1	29	0	6	0
83	0503	G	4	2.4	29	0	16	0
83	0504	L	8	0.2	5	0	0	0
83	0504	K	7	5.6	12	0	4	0
83	0504	I	6	0.3	12	0	0	0

See notes at end of table.

Table 44. 2009 counts on MAP results for AC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
83	0504	H	5	1.9	12	0	3	0
83	0504	G	4	2.3	12	0	3	0
83	0505	L	8	0.2	4	0	0	0
83	0505	K	7	3.1	22	0	3	0
83	0505	I	6	0.2	32	0	0	0
83	0505	H	5	2.4	32	0	6	0
83	0505	G	4	2.7	32	0	17	0
83	0506	L	8	0.2	4	0	0	0
83	0506	K	7	3.1	11	0	3	0
83	0506	I	6	0	11	0	0	0
83	0506	H	5	1.5	11	0	3	0
83	0506	G	4	2.6	11	0	3	0
83	0507	L	8	0.2	0	3	0	0
83	0507	K	7	6.8	21	0	3	0
83	0507	I	6	0	31	0	0	0
83	0507	H	5	0.8	31	0	5	0
83	0507	G	4	2.3	31	0	17	0
83	0508	L	8	0.2	4	0	0	0
83	0508	J	7	6.6	25	0	3	0
83	0508	I	6	0	35	0	0	0
83	0508	H	5	0.9	35	0	5	0
83	0508	G	4	1.7	35	0	17	0
83	0509	L	8	0.2	5	0	0	0
83	0509	J	7	3.5	12	0	3	0
83	0509	I	6	0	12	0	0	0
83	0509	H	5	1.3	12	0	3	0
83	0509	G	4	2.8	12	0	4	0
				Totals	**13,552**	**338**	**6,712**	**351**

Note: A thickness of 0 indicates the layer existed prior to treatment but was milled during treatment.

Table 45. 2009 counts on MAP results for PCC layer tests by test section.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
1	0601	D	3	10.3	5	0
1	0602	D	3	10.2	7	0
1	0603	D	3	10.2	4	0
1	0604	D	3	10.3	3	0
1	0605	D	3	10.2	7	0
1	0606	D	3	10.3	5	0
1	0607	D	3	10.1	2	1
1	0608	D	3	10.2	2	1
1	0661	D	3	10.7	2	1
1	0662	D	3	10.2	2	1
1	0663	D	3	10.3	2	1
4	0160	K	3	11.2	26	0
4	0163	J	2	15	0	3
4	0213	I	3	7.9	9	0
4	0214	J	3	8.3	8	0
4	0215	I	3	11	8	0
4	0216	J	3	11.2	8	0
4	0217	I	3	8.1	8	0
4	0218	J	3	8.3	7	0
4	0219	I	3	10.8	8	0
4	0220	J	3	11.2	8	0
4	0221	I	4	8.1	8	0
4	0222	J	4	8.6	7	0
4	0223	I	4	11.1	9	0
4	0224	J	4	10.6	8	0
4	0262	I	3	8.1	8	0
4	0263	I	4	8.2	8	0
4	0264	I	4	11.5	9	0
4	0265	I	3	10.8	9	0
4	0266	I	3	12.3	8	0
4	0267	I	3	11.3	8	0
4	0268	I	3	8.5	9	0
4	0601	F	4	7.9	7	0
4	0602	F	5	8	0	3
4	0603	F	4	8.3	6	0
4	0604	F	4	8.2	6	0
4	0605	F	5	8.3	4	0
4	0606	F	4	8.5	1	2
4	0607	F	5	8.4	4	0

Table 45. 2009 counts on MAP results for PCC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
4	0608	F	5	8.2	6	0
4	0659	F	3	8.4	2	1
4	0660	F	4	8.3	4	0
4	0661	F	4	8.4	0	3
4	0662	F	5	8	5	0
4	0663	F	4	8.3	2	1
4	0663	H	6	10	0	3
4	0664	F	4	7.9	0	3
4	0665	F	4	7.9	0	3
4	0666	F	4	7.9	0	3
4	0667	F	4	7.9	0	3
4	0668	F	4	7.9	0	3
4	0669	F	4	7.9	0	3
5	0213	I	4	8.5	10	0
5	0214	K	4	8.4	8	0
5	0215	I	4	11.5	11	0
5	0216	K	4	11	9	0
5	0217	I	5	8.3	12	0
5	0218	K	5	8.2	12	0
5	0219	I	5	11.1	11	0
5	0220	K	5	10.7	12	0
5	0221	I	5	8.3	12	0
5	0222	K	5	8.3	11	0
5	0223	I	5	10.9	12	0
5	0224	K	5	10.9	12	0
5	0809	H	3	8.7	10	0
5	0810	H	3	11.5	8	0
5	A601	C	3	9.8	4	0
5	A602	C	3	10.2	4	0
5	A603	C	3	10	6	0
5	A604	C	3	10.1	10	0
5	A605	C	3	10	4	0
5	A606	C	3	10.2	4	0
5	A607	C	3	10	0	3
5	A608	C	3	9	0	3
6	0201	G	3	8.3	6	0
6	0202	H	3	8	8	0
6	0203	G	3	11.4	8	0
6	0204	H	3	11.1	6	0

Table 45. 2009 counts on MAP results for PCC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
6	0205	G	3	8.2	6	0
6	0206	H	3	8	8	0
6	0207	G	3	11	8	0
6	0208	H	3	10.7	6	0
6	0209	G	4	8.4	6	0
6	0210	H	4	8.6	8	0
6	0211	G	4	12.1	8	0
6	0212	H	4	11.1	6	0
6	0602	E	3	8	5	0
6	0603	E	3	8.2	6	0
6	0604	E	3	8.5	6	0
6	0605	E	3	8.7	3	0
6	0606	E	3	8.4	7	0
6	0607	E	3	8.4	6	0
6	0608	E	3	8.3	6	0
6	0659	E	3	8.7	7	0
6	0660	E	3	8.3	4	0
6	0661	E	3	8.4	5	0
6	0662	E	3	8	6	0
6	0663	E	3	8	6	0
6	0663	H	4	1	6	0
6	0664	E	3	8.4	6	0
6	0811	C	3	8.3	10	0
6	0812	C	3	10.6	8	0
8	0213	M	3	8.6	3	0
8	0214	N	3	8.4	4	0
8	0215	M	3	11.5	4	0
8	0216	N	3	11.9	3	0
8	0217	M	3	8.6	11	0
8	0218	N	3	7.6	4	0
8	0219	M	3	9.9	3	0
8	0220	N	3	11.2	6	0
8	0221	M	4	8.3	3	0
8	0222	N	4	8.5	10	0
8	0223	M	4	11.7	4	0
8	0224	N	4	11.6	6	0
8	0259	O	2	11.9	1	2
8	0811	E	3	8.9	4	0
8	0812	E	3	12.9	5	0

Table 45. 2009 counts on MAP results for PCC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
10	0201	J	4	8.3	4	0
10	0202	K	4	8.8	6	0
10	0203	J	4	11.7	6	0
10	0204	K	4	11	5	0
10	0205	J	4	9.2	4	0
10	0206	K	4	8.9	6	0
10	0207	J	4	11.3	3	0
10	0208	K	4	12.1	5	0
10	0209	J	5	8.2	4	0
10	0210	K	5	8.3	6	0
10	0211	J	5	11.8	5	0
10	0212	K	5	12.4	6	0
10	0259	L	4	10.2	4	0
10	0260	L	4	10.2	5	0
17	0601	C	3	10	3	0
17	0602	C	3	10	4	0
17	0603	C	3	10	3	0
17	0604	C	3	10	3	0
17	0605	C	3	10	3	0
17	0606	C	3	10.1	3	0
17	0607	D	3	10	3	0
17	0608	D	3	10.1	4	0
17	0659	C	3	10.2	1	2
17	0660	C	3	10.1	0	3
17	0661	C	3	10.1	5	0
17	0662	C	3	10	1	2
17	0663	E	3	10	0	3
17	0664	E	3	10	0	3
18	0601	C	3	10	0	3
18	0602	C	3	10.3	6	0
18	0603	C	3	10.3	3	0
18	0604	C	3	10	3	0
18	0605	C	3	10	6	0
18	0606	C	3	11	3	0
18	0607	C	3	10.1	3	0
18	0608	C	3	10	3	0
18	0659	C	3	10.7	3	0
18	0660	C	3	10.3	3	0
18	0661	C	3	10.2	3	0

Table 45. 2009 counts on MAP results for PCC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
18	0662	C	3	10.5	3	0
18	0663	C	3	10.4	3	0
18	0664	C	3	10.4	3	0
18	0665	C	3	10.4	3	0
18	0666	C	3	10.4	3	0
18	0667	C	3	10.7	3	0
18	0668	C	3	10.4	3	0
18	0669	C	3	9.9	3	0
18	0670	C	3	10.8	3	0
18	0671	C	3	10.6	3	0
18	0672	C	3	10.3	3	0
19	0213	H	4	8.9	8	0
19	0214	I	4	8.4	9	0
19	0215	H	4	11.4	9	0
19	0216	I	4	11.4	8	0
19	0217	H	4	8.1	9	0
19	0218	I	4	8.4	8	0
19	0219	H	4	11.5	9	0
19	0220	I	4	11.5	9	0
19	0221	H	5	9.4	8	0
19	0222	I	5	8.3	8	0
19	0223	H	5	12.5	8	0
19	0224	I	5	10	9	0
19	0259	J	4	8.4	0	3
19	0601	C	3	9.9	0	3
19	0602	C	3	10.2	1	2
19	0603	C	3	10	4	0
19	0604	C	3	10	5	0
19	0605	C	3	10	0	3
19	0606	C	3	10	3	0
19	0607	C	3	10	3	0
19	0608	C	3	10	4	0
19	0659	C	3	10	0	3
20	0201	H	4	7.7	3	0
20	0202	I	4	7.7	3	0
20	0203	H	4	11.1	3	0
20	0204	I	4	11.3	3	0
20	0205	H	4	7.5	3	0
20	0206	I	4	7.5	4	0

Table 45. 2009 counts on MAP results for PCC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
20	0207	H	4	11.2	4	0
20	0208	I	4	10.8	4	0
20	0209	H	5	8.6	4	0
20	0210	I	5	8.4	2	1
20	0211	H	5	11.1	4	0
20	0212	I	5	11.1	4	0
20	0259	J	4	11.9	6	0
26	0213	H	4	8.3	8	0
26	0214	I	4	8.8	8	0
26	0215	H	4	11.1	8	0
26	0216	I	4	11.3	8	0
26	0217	H	4	8.4	7	0
26	0218	I	4	7.3	8	0
26	0219	H	4	11.3	11	0
26	0220	I	4	11.2	10	0
26	0221	H	5	8.1	9	0
26	0222	I	5	8.3	12	0
26	0223	H	5	11	9	0
26	0224	I	5	11.1	9	0
26	0259	J	5	11.3	8	0
29	0601	C	3	9.2	4	0
29	0602	C	3	9.2	4	0
29	0603	C	3	9.1	4	0
29	0604	C	3	9.1	4	0
29	0605	C	3	9.1	4	0
29	0606	C	3	8.9	3	0
29	0607	C	3	9.3	4	0
29	0608	C	3	9.4	4	0
29	0659	C	3	9.3	4	0
29	0660	C	3	9.7	4	0
29	0661	C	3	9.4	3	0
29	0662	C	3	9.4	4	0
29	0663	C	3	9.5	4	0
29	0664	C	3	9.7	3	0
29	0665	C	3	9.1	4	0
29	0666	C	3	9.2	4	0
29	0807	F	3	7.9	3	0
29	0808	F	3	10	3	0
29	A601	D	3	7.1	4	0

Table 45. 2009 counts on MAP results for PCC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
29	A602	D	3	7	6	0
29	A603	D	3	7.3	3	0
29	A604	D	3	7.5	6	0
29	A605	D	3	7.2	5	0
29	A606	D	3	7.3	3	0
29	A607	D	3	7.2	7	0
29	A608	D	3	7.3	3	0
29	A807	E	3	8.6	0	3
29	A808	E	3	11.1	0	3
37	0201	K	4	9.2	3	0
37	0202	M	4	8.9	2	1
37	0203	K	4	11.4	2	1
37	0204	M	4	11.2	2	1
37	0205	K	4	8	4	0
37	0206	M	4	8.4	3	0
37	0207	K	4	11.6	3	0
37	0208	M	4	11.2	4	0
37	0209	K	5	8.6	3	0
37	0210	M	5	9.1	3	0
37	0211	K	5	11.4	3	0
37	0212	M	5	10.9	3	0
37	0259	N	5	10.2	2	1
37	0260	K	5	11.5	2	1
38	0213	G	4	7.9	7	0
38	0214	H	4	8	5	0
38	0215	G	4	11.1	4	0
38	0216	H	4	11.1	5	0
38	0217	G	4	7.9	11	0
38	0218	H	4	7.9	5	0
38	0219	G	4	10.8	6	0
38	0220	H	4	11	9	0
38	0221	G	5	8.1	7	0
38	0222	H	5	8	6	0
38	0223	G	5	11.1	4	0
38	0224	H	5	11	7	0
38	0259	I	5	10.2	5	0
38	0260	I	4	11	5	0
38	0261	G	4	11	5	0
38	0262	G	4	11.1	6	0

Table 45. 2009 counts on MAP results for PCC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
38	0263	G	5	11	5	0
38	0264	I	5	11.1	9	0
39	0201	G	3	7.9	8	0
39	0202	H	3	8.3	9	0
39	0203	G	3	10.8	9	0
39	0204	H	4	11.1	9	0
39	0205	G	3	8	9	0
39	0206	H	3	7.9	9	0
39	0207	G	3	11	9	0
39	0208	H	3	10.9	10	0
39	0209	G	4	8.1	9	0
39	0210	H	4	8	8	0
39	0211	G	4	11.3	8	0
39	0212	H	5	10.6	8	0
39	0259	I	4	10.9	9	0
39	0260	I	5	11.3	9	0
39	0261	I	4	11	8	0
39	0262	I	4	11.1	8	0
39	0263	I	3	11	9	0
39	0264	I	4	11.6	5	0
39	0265	I	5	11.2	8	0
39	0809	F	4	7.9	9	0
39	0810	F	4	11	7	0
40	0601	C	3	9	6	0
40	0602	C	3	8.8	4	0
40	0603	C	3	9	4	0
40	0604	C	3	9	3	0
40	0605	C	3	9	4	0
40	0606	C	3	9.1	3	0
40	0607	F	3	9	2	1
40	0608	F	3	9.2	2	1
42	0601	C	3	10.3	8	0
42	0602	C	3	10.2	11	0
42	0603	C	3	10.1	3	0
42	0604	C	3	10.3	6	0
42	0605	C	3	10.1	11	0
42	0606	C	3	10.1	3	0
42	0607	C	3	10.1	3	0
42	0608	C	3	10.1	2	1

Table 45. 2009 counts on MAP results for PCC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
42	0659	C	3	10.3	8	0
42	0660	C	3	10.6	2	1
42	0661	C	3	10	2	1
42	0662	C	3	10.2	2	1
46	0601	C	3	6.5	3	0
46	0602	C	3	7	3	0
46	0603	C	3	7.2	4	0
46	0604	C	3	7.1	4	0
46	0605	C	3	7.2	3	0
46	0606	C	3	7.3	3	0
46	0607	C	3	7.4	3	0
46	0608	C	3	7.7	4	0
46	0660	C	3	7.2	0	3
46	0661	C	3	7.3	0	3
46	0662	C	3	7.3	0	3
47	0601	E	3	9	3	0
47	0602	E	3	8.9	4	0
47	0603	E	3	9	3	0
47	0604	E	3	9	2	1
47	0605	E	3	9	4	0
47	0606	E	3	9.2	1	2
47	0607	I	3	8.8	3	0
47	0608	I	3	8.6	2	1
47	0661	E	3	9	2	1
47	0662	E	3	8.9	2	1
48	A807	C	3	8.3	13	0
48	A808	C	3	12.3	13	0
53	0201	J	5	8.7	8	0
53	0202	K	4	8.3	9	0
53	0203	J	3	11.1	8	0
53	0204	K	5	11.2	8	0
53	0205	J	5	8.5	8	0
53	0206	K	5	8.6	9	0
53	0207	J	5	11.1	9	0
53	0208	K	5	11.2	6	0
53	0209	J	6	9	8	0
53	0210	K	5	8.3	8	0
53	0211	J	6	11.8	9	0
53	0212	K	6	11.3	8	0

Table 45. 2009 counts on MAP results for PCC layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
53	0259	L	4	10.3	26	0
53	A809	E	4	8.5	13	0
53	A810	E	4	10.9	14	0
55	0213	L	4	8.5	7	0
55	0214	M	5	8.8	6	0
55	0215	L	4	10.9	5	0
55	0216	M	4	11.1	6	0
55	0217	L	4	8.5	5	0
55	0218	M	5	8.6	8	0
55	0219	L	4	11.8	5	0
55	0220	M	4	11.4	5	0
55	0221	L	5	8.3	6	0
55	0222	M	6	8.8	6	0
55	0223	L	5	11.2	5	0
55	0224	M	4	11.7	5	0
55	0259	L	4	10.6	5	0
55	0260	L	4	10.6	6	0
55	0261	L	5	8.2	8	0
55	0262	M	5	8.3	5	0
55	0263	L	4	10	7	0
55	0264	L	4	11	5	0
55	0265	L	4	10.7	6	0
55	0266	L	4	11	3	0
				Totals	**2,022**	**110**

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
1	0103	H	2	7.4	7	0	4	0
1	0104	H	2	12.2	4	0	4	0
1	0105	H	3	4.1	7	0	4	0
1	0106	H	3	8.4	7	0	4	0
1	0107	G	3	3.7	3	0	1	2
1	0108	G	3	4.2	3	0	1	2
1	0109	G	3	4.3	3	0	0	3
1	0110	G	3	4	4	0	0	3
1	0110	H	4	3.7	5	0	4	0
1	0111	G	3	3.8	4	0	0	3
1	0111	H	4	8	4	0	4	0
1	0112	G	3	3.4	2	1	0	3
1	0112	H	4	12.4	8	0	4	0
1	0161	H	3	5.7	3	0	5	0
1	0162	H	2	9.9	7	0	4	0
1	0163	G	4	4.3	3	0	1	2
1	0163	H	5	6	7	0	3	0
4	0115	F	2	8.5	4	0	4	0
4	0116	F	2	12.1	4	0	4	0
4	0117	F	3	4	6	0	6	0
4	0118	F	3	7.7	6	0	6	0
4	0119	G	3	4.5	1	2	3	0
4	0120	G	3	4.3	4	0	0	3
4	0121	G	3	4.2	6	0	0	3
4	0122	G	3	4.6	4	0	3	0
4	0122	F	4	4	4	0	4	0
4	0123	G	2	3.8	6	0	3	0
4	0123	F	3	7.9	10	0	6	0
4	0124	G	2	4.1	4	0	3	0
4	0124	F	3	11.7	4	0	4	0
4	0221	F	3	4.2	3	0	3	0
4	0222	F	3	3.9	1	2	1	2
4	0223	F	3	4.1	3	0	3	0
4	0224	F	3	4.4	0	3	0	3
4	0263	F	3	4.4	0	3	0	3
4	0264	F	3	3.8	0	3	0	3
4	0266	E	2	3.9	2	1	2	1
4	0267	E	2	3.9	2	1	2	1
4	0268	E	2	3.8	3	0	3	0

See notes at end of table.

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
5	0115	F	2	7.4	8	0	4	0
5	0116	F	2	12	8	0	4	0
5	0117	F	3	3.8	12	0	3	0
5	0118	F	3	7.9	6	0	4	0
5	0119	E	3	3.4	6	0	0	3
5	0120	E	3	3.2	6	0	0	3
5	0121	E	3	3.1	4	0	0	3
5	0122	E	3	3.5	7	0	4	0
5	0122	F	4	4.1	7	0	4	0
5	0123	E	3	3.5	7	0	4	0
5	0123	F	4	8.2	8	0	8	0
5	0124	E	3	3.7	9	0	4	0
5	0124	F	4	11.1	10	0	8	0
5	0221	G	4	3.3	0	3	4	0
5	0222	G	4	2.3	0	3	3	0
5	0223	G	4	3.9	0	3	0	3
5	0224	G	4	2.5	0	3	2	1
6	0209	E	3	3.6	0	3	0	3
6	0210	E	3	3.8	0	3	2	1
6	0211	E	3	3.4	0	3	0	3
6	0212	E	3	3.7	0	3	0	3
8	0221	K	3	3.8	3	0	3	0
8	0222	K	3	4.5	3	0	3	0
8	0223	K	3	4.2	2	1	2	1
8	0224	K	3	4.6	3	0	3	0
8	0501	D	2	4.1	0	3	0	3
8	0502	D	2	2.5	0	3	0	3
8	0503	D	2	2.5	0	3	0	3
8	0504	D	2	2.3	0	3	0	3
8	0505	D	2	3	0	3	0	3
8	0506	D	2	3	0	3	0	3
8	0507	D	2	1	0	3	0	3
8	0508	D	2	1.6	0	3	0	3
8	0509	D	2	2.3	0	3	0	3
8	0559	D	2	3.7	0	3	0	3
8	0560	D	2	2.5	0	3	0	3
10	0103	G	3	8	4	0	4	0
10	0104	G	3	12	6	0	3	0
10	0105	G	4	4.4	5	0	3	0

See notes at end of table.

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
10	0106	G	4	8.5	5	0	5	0
10	0107	H	4	3.8	3	0	2	1
10	0108	H	4	3.7	4	0	3	0
10	0109	H	4	4.2	5	0	3	0
10	0110	H	4	3.6	4	0	1	2
10	0110	G	5	4.1	3	0	3	0
10	0111	H	4	3.9	7	0	0	3
10	0111	G	5	8.7	8	0	5	0
10	0112	H	4	3.4	3	0	3	0
10	0112	G	5	12.3	4	0	4	0
10	0159	G	4	6.6	3	0	3	0
10	0160	G	4	5.6	3	0	3	0
10	0209	H	4	4.7	3	0	3	0
10	0210	H	4	3.8	4	0	3	0
10	0211	H	4	3.7	4	0	3	0
10	0212	H	4	3.7	4	0	3	0
12	0103	F	2	7.9	10	0	10	0
12	0104	F	2	12.1	8	0	8	0
12	0105	F	3	4	4	0	4	0
12	0106	F	3	8.3	6	0	6	0
12	0107	E	3	3.7	2	1	8	0
12	0108	E	3	4	3	0	3	0
12	0109	E	3	3.7	2	1	3	0
12	0110	E	3	3.5	3	0	3	0
12	0110	F	4	4.1	4	0	4	0
12	0111	E	3	3.9	3	0	3	0
12	0111	F	4	8.3	5	0	4	0
12	0112	E	3	3.8	5	0	3	0
12	0112	F	4	12.3	12	0	10	0
13	0502	C	3	11.2	3	0	3	0
13	0503	C	3	11.8	4	0	3	0
13	0504	C	3	11.5	5	0	4	0
13	0505	C	3	11.7	3	0	3	0
13	0506	C	3	11.4	4	0	3	0
13	0507	C	3	11.7	4	0	5	0
13	0508	C	3	11.3	5	0	4	0
13	0509	C	3	11.8	5	0	6	0
13	0560	C	3	15.7	3	0	3	0

See notes at end of table.

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
13	0561	C	3	15.5	3	0	3	0
13	0562	C	3	15.2	3	0	3	0
13	0563	C	3	14.5	3	0	5	0
13	0564	C	3	15.2	3	0	3	0
13	0565	C	3	15.5	3	0	5	0
13	0566	C	3	14.5	3	0	3	0
18	0601	B	2	4	0	3	0	3
18	0602	B	2	4	0	3	0	3
18	0603	B	2	3.4	0	3	0	3
18	0604	B	2	3.4	0	3	0	3
18	0605	B	2	4	0	3	0	3
18	0606	B	2	4.2	0	3	0	3
18	0607	B	2	4	0	3	0	3
18	0608	B	2	4	0	3	0	3
18	0659	B	2	4	0	3	0	3
18	0660	B	2	4	0	3	0	3
18	0661	B	2	4	0	3	0	3
18	0662	B	2	4	0	3	0	3
18	0663	B	2	4	0	3	0	3
18	0664	B	2	4	0	3	0	3
18	0665	B	2	4	0	3	0	3
18	0666	B	2	4	0	3	0	3
18	0667	B	2	4	0	3	0	3
18	0668	B	2	4	0	3	0	3
18	0669	B	2	4	0	3	0	3
18	0670	B	2	4	0	3	0	3
18	0671	B	2	4	0	3	0	3
18	0672	B	2	4	0	3	0	3
19	0103	J	3	8.4	4	0	3	0
19	0104	J	3	12.4	5	0	3	0
19	0105	J	4	4.7	6	0	4	0
19	0106	J	4	9.2	6	0	4	0
19	0107	I	4	4.1	10	0	0	3
19	0108	I	4	4.5	6	0	3	0
19	0109	I	4	4.8	5	0	3	0
19	0110	I	3	4.4	4	0	3	0
19	0110	J	4	3.2	5	0	3	0
19	0111	I	3	4.4	4	0	3	0
19	0111	J	4	7.4	7	0	3	0

See notes at end of table.

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
19	0112	I	3	4.1	6	0	3	0
19	0112	J	4	12.4	10	0	4	0
19	0159	J	4	9	0	3	0	3
19	0221	F	4	3.9	3	0	3	0
19	0222	F	4	3.4	3	0	3	0
19	0223	F	4	3.5	2	1	3	0
19	0224	F	4	4.9	3	0	3	0
20	0209	D	4	3.8	3	0	0	3
20	0210	D	4	3.7	2	1	0	3
20	0211	D	4	3.7	3	0	0	3
20	0212	D	4	3.7	4	0	0	3
22	0115	G	4	8.8	8	0	5	0
22	0116	G	4	10.9	8	0	5	0
22	0117	G	5	3.9	9	0	4	0
22	0118	G	5	6.9	10	0	8	0
22	0119	F	5	3.6	9	0	3	0
22	0120	F	5	3.8	7	0	3	0
22	0121	F	5	3.9	6	0	3	0
22	0122	F	5	3.7	7	0	3	0
22	0122	G	6	3.5	7	0	4	0
22	0123	F	5	4.2	8	0	3	0
22	0123	G	6	7.3	9	0	3	0
22	0124	F	5	3.8	9	0	0	3
22	0124	G	6	10.6	14	0	4	0
26	0115	G	2	9.5	4	0	6	0
26	0116	G	2	12.5	4	0	4	0
26	0117	G	3	5	4	0	4	0
26	0118	G	3	8.1	4	0	6	0
26	0119	F	3	4	0	3	0	3
26	0120	F	3	4	0	3	0	3
26	0121	F	3	4	0	3	0	3
26	0122	F	3	4	0	3	0	3
26	0122	G	4	4.8	4	0	6	0
26	0123	F	3	3.5	1	2	3	0
26	0123	G	4	8.9	4	0	4	0
26	0124	F	3	3.5	4	0	3	0
26	0124	G	4	12.2	4	0	4	0
26	0159	F	4	3.5	0	3	0	3
26	0221	E	4	4.2	1	2	0	3

See notes at end of table.

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
26	0222	E	4	4.2	4	0	3	0
26	0223	E	4	4.1	3	0	3	0
26	0224	E	4	4.3	0	3	0	3
26	0259	F	4	4	0	3	0	3
30	0115	D	2	9.2	3	0	3	0
30	0116	D	2	12.8	3	0	3	0
30	0117	D	3	4.6	4	0	4	0
30	0118	D	3	8.5	4	0	4	0
30	0119	C	3	4.7	0	3	0	3
30	0120	C	3	4.6	0	3	0	3
30	0121	C	3	4.3	0	3	0	3
30	0122	C	2	4.3	0	3	0	3
30	0122	D	3	4.3	3	0	3	0
30	0123	C	2	4.5	0	3	0	3
30	0123	D	3	8.5	3	0	3	0
30	0124	C	2	4.2	0	3	0	3
30	0124	D	3	13.7	5	0	5	0
32	0103	G	4	8.8	5	0	6	0
32	0104	G	4	12.4	3	0	4	0
32	0105	G	5	4.8	3	0	4	0
32	0106	G	5	8.8	4	0	6	0
32	0107	F	5	4.1	0	3	1	2
32	0108	F	5	4.5	0	3	1	2
32	0109	F	5	4	0	3	2	1
32	0110	F	4	4.4	0	3	0	3
32	0110	G	5	4.2	3	0	3	0
32	0111	F	4	4.4	0	3	0	3
32	0111	G	5	8.4	3	0	4	0
32	0112	F	4	4.2	0	3	2	1
32	0112	G	5	12.4	5	0	6	0
35	0103	K	3	7	7	0	3	0
35	0104	K	3	11	7	0	3	0
35	0105	K	4	4.1	12	0	6	0
35	0106	K	4	8.1	12	0	6	0
35	0107	J	4	3.9	9	0	0	3
35	0108	J	4	4.6	8	0	0	3
35	0109	J	4	4.3	5	0	0	3
35	0110	J	4	3.5	1	2	0	3
35	0110	K	5	4.6	6	0	4	0

See notes at end of table.

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
35	0111	J	4	3.7	4	0	0	3
35	0111	K	5	7.6	6	0	4	0
35	0112	J	4	3.2	2	1	0	3
35	0112	K	5	11.7	10	0	6	0
37	0209	I	4	5.6	0	3	3	0
37	0210	I	4	5.3	0	3	0	3
37	0211	I	4	3.6	0	3	2	1
37	0212	I	4	4.3	0	3	2	1
37	0259	H	4	4.4	0	3	0	3
37	0260	H	4	5.5	0	3	0	3
38	0221	E	4	4.1	3	0	3	0
38	0222	E	4	3.9	4	0	3	0
38	0223	E	4	4.1	3	0	3	0
38	0224	E	4	4.1	3	0	3	0
38	0259	E	4	4	0	3	0	3
38	0263	E	4	3.9	0	3	0	3
38	0264	E	4	3.8	0	3	0	3
39	0103	D	2	8	0	3	0	3
39	0104	D	2	12.2	3	0	3	0
39	0105	D	3	3.8	4	0	4	0
39	0106	D	3	7.9	43	0	20	0
39	0107	C	3	4	0	3	0	3
39	0108	C	3	4	0	3	0	3
39	0109	C	3	3.9	0	3	0	3
39	0110	C	2	3.9	0	3	0	3
39	0110	D	3	3.7	0	3	0	3
39	0111	C	2	4.3	0	3	3	0
39	0111	D	3	7.8	4	0	4	0
39	0112	C	2	4	1	2	3	0
39	0112	D	3	11.8	8	0	8	0
39	0160	D	3	11	0	3	0	3
39	0209	E	3	4	3	0	3	0
39	0210	E	3	4.1	3	0	3	0
39	0211	E	3	3.9	3	0	3	0
39	0212	E	4	4.4	2	1	3	0
39	0260	E	4	4	0	3	0	3
39	0265	E	4	3.8	0	3	0	3
40	0115	F	3	9	4	0	7	0
40	0116	F	3	11.7	4	0	7	0

See notes at end of table.

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
40	0117	F	4	4.1	7	0	5	0
40	0118	F	4	8.4	7	0	10	0
40	0119	G	4	4	0	3	2	1
40	0120	G	4	4.8	1	2	3	0
40	0121	G	4	4.4	1	2	1	2
40	0122	G	4	4.8	0	3	2	1
40	0122	F	5	3.9	7	0	4	0
40	0123	G	4	4.4	1	2	3	0
40	0123	F	5	8.6	8	0	4	0
40	0124	G	4	4.5	1	2	3	0
40	0124	F	5	10.9	9	0	6	0
40	0160	F	4	4	0	3	3	0
40	0501	C	2	9	2	1	3	0
40	0502	C	2	9.5	4	0	3	0
40	0503	C	2	9.5	0	3	3	0
40	0504	C	2	7.3	10	0	6	0
40	0505	C	2	8.5	6	0	3	0
40	0506	C	2	8.8	3	0	3	0
40	0507	C	2	9.1	4	0	8	0
40	0508	C	2	9.1	4	0	4	0
40	0509	C	2	8.4	3	0	4	0
40	0560	C	2	9.3	4	0	3	0
48	0115	F	3	7.4	6	0	3	0
48	0116	F	3	10.9	2	1	0	3
48	0117	F	4	4.3	6	0	4	0
48	0118	F	4	8.6	5	0	6	0
48	0119	G	5	3.5	3	0	0	3
48	0120	G	5	3.6	3	0	0	3
48	0121	G	5	3	4	0	0	3
48	0122	G	4	4.8	1	2	0	3
48	0122	F	5	4	7	0	8	0
48	0123	G	4	4.4	0	3	0	3
48	0123	F	5	7.7	4	0	4	0
48	0124	G	4	4.2	0	3	0	3
48	0124	F	5	10.7	1	2	5	0
51	0115	K	3	8.6	4	0	3	0
51	0116	K	3	12.4	4	0	3	0
51	0117	K	4	4	7	0	3	0
51	0118	K	4	8	10	0	9	0

See notes at end of table.

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
51	0119	L	4	4.4	7	0	3	0
51	0120	L	4	4.3	6	0	3	0
51	0121	L	4	4.3	5	0	3	0
51	0122	L	4	3.9	4	0	4	0
51	0122	K	5	3.9	4	0	4	0
51	0123	L	4	4.1	0	3	2	1
51	0123	K	5	8.1	8	0	7	0
51	0124	L	4	3.4	5	0	3	0
51	0124	K	5	12.5	6	0	5	0
51	0159	L	4	4	14	0	9	0
51	0159	K	5	5.5	14	0	14	0
53	0209	G	5	3.9	1	2	3	0
53	0210	G	4	3.8	2	1	3	0
53	0211	G	5	3.9	3	0	3	0
53	0212	G	5	3.5	1	2	3	0
53	0259	I	3	2.8	8	0	8	0
55	0115	G	4	7.3	4	0	8	0
55	0116	G	4	12.3	4	0	8	0
55	0117	G	5	4.8	4	0	10	0
55	0118	G	5	8.8	3	0	6	0
55	0119	H	5	3.5	3	0	2	1
55	0120	H	5	4.7	3	0	3	0
55	0121	H	4	4.2	3	0	3	0
55	0122	H	5	4.2	3	0	3	0
55	0122	G	6	4.6	3	0	4	0
55	0123	H	4	3.8	3	0	3	0
55	0123	G	5	8.3	3	0	4	0
55	0124	H	4	3.1	3	0	3	0
55	0124	G	5	11.3	3	0	6	0
55	0221	I	4	3.7	4	0	3	0
55	0222	I	5	3.9	2	1	2	1
55	0223	I	4	3.8	3	0	3	0
55	0224	I	3	3.3	3	0	3	0
81	0501	C	3	2.9	0	3	3	0
81	0502	C	3	0	0	0	0	0
81	0503	C	3	2.8	0	3	3	0
81	0504	C	3	2.5	0	3	3	0
81	0505	C	3	2.3	4	0	6	0
81	0506	C	3	2	4	0	8	0

See notes at end of table.

Table 46. 2009 counts on MAP results for AC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	AC01		AC02	
					Done	Need	Done	Need
81	0507	C	3	1.9	4	0	4	0
81	0508	C	3	0	0	0	0	0
81	0509	C	3	0	0	0	0	0
				Totals	**1,261**	**321**	**997**	**334**

Note: A thickness of 0 indicates the layer existed prior to treatment but was milled during treatment.

Table 47. 2009 counts on MAP results for PCC treated base layer tests by test section.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
4	0217	G	2	6.1	6	0
4	0218	G	2	6.2	3	0
4	0219	G	2	6.2	6	0
4	0220	G	2	6.2	3	0
4	0601	E	3	2.7	0	3
4	0602	E	4	3.6	0	3
4	0603	E	3	4.2	0	3
4	0604	E	3	4.9	0	3
4	0605	E	4	3.9	0	3
4	0606	E	3	3.9	0	3
4	0607	E	4	4.1	0	3
4	0608	E	4	3.9	0	3
4	0659	E	2	2.7	0	3
4	0660	E	3	3.5	0	3
4	0661	E	3	4.2	0	3
4	0662	E	4	3.9	0	3
4	0663	E	3	3.4	0	3
4	0664	E	3	2.7	0	3
4	0665	E	3	2.7	0	3
4	0666	E	3	2.7	0	3
4	0667	E	3	2.7	0	3
4	0668	E	3	2.7	0	3
4	0669	E	3	2.7	0	3
5	0217	H	4	6.3	10	0
5	0218	H	4	6.4	10	0
5	0219	H	4	6.1	9	0
5	0220	H	4	7	10	0
5	A601	B	2	6.4	0	3
5	A602	B	2	6	0	3
5	A603	B	2	6	0	3
5	A604	B	2	6.2	0	3
5	A605	B	2	6	0	3
5	A606	B	2	6.3	0	3
5	A607	B	2	6	0	3
5	A608	B	2	6	0	3
6	0205	F	2	6	4	0
6	0206	F	2	5.9	4	0
6	0207	F	2	6.2	4	0

Table 47. 2009 counts on MAP results for PCC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
6	0208	F	2	6.6	4	0
6	0501	F	3	5	0	3
6	0502	F	3	5.5	0	3
6	0503	F	3	5.5	0	3
6	0504	F	3	4.9	0	3
6	0505	F	3	5.2	0	3
6	0506	F	3	5.3	0	3
6	0507	F	3	5.4	0	3
6	0508	F	3	5.6	0	3
6	0509	F	3	5.3	0	3
6	0559	F	3	5.8	0	3
6	0560	F	3	5.8	0	3
6	0561	F	3	5.6	0	3
6	0562	F	3	4.1	0	3
6	0563	F	3	3.8	0	3
6	0564	F	3	4.4	0	3
6	0565	F	3	4.7	0	3
6	0566	F	3	5.6	0	3
6	0567	F	3	5.5	0	3
6	0568	F	3	5	0	3
6	0569	F	3	5.3	0	3
6	0570	F	3	5.5	0	3
6	0571	F	3	5.7	0	3
6	0602	D	2	3.9	5	0
6	0603	D	2	4.4	6	0
6	0604	D	2	4.5	6	0
6	0605	D	2	4.3	2	1
6	0606	D	2	4.7	7	0
6	0607	D	2	4.3	6	0
6	0608	D	2	4.2	6	0
6	0659	D	2	4.9	7	0
6	0660	D	2	4.8	5	0
6	0661	D	2	5.5	4	0
6	0662	D	2	5.3	6	0
6	0663	D	2	5.1	6	0
6	0664	D	2	4.6	7	0
8	0217	L	2	6.7	5	0
8	0218	L	2	6.2	3	0

Table 47. 2009 counts on MAP results for PCC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
8	0219	L	2	6.1	5	0
8	0220	L	2	6.2	4	0
10	0160	E	3	5.6	0	3
10	0205	I	3	5.5	3	0
10	0206	I	3	6.1	5	0
10	0207	I	3	6.9	10	0
10	0208	I	3	6	8	0
19	0217	G	3	6.4	7	0
19	0218	G	3	6.2	6	0
19	0219	G	3	6.6	7	0
19	0220	G	3	6.5	7	0
20	0201	B	2	6	0	3
20	0202	B	2	6	0	3
20	0203	B	2	6	0	3
20	0204	B	2	6	0	3
20	0205	B	2	6	0	3
20	0205	G	3	6.2	3	0
20	0206	B	2	6	0	3
20	0206	G	3	6.3	4	0
20	0207	B	2	6	0	3
20	0207	G	3	5.9	4	0
20	0208	B	2	6	0	3
20	0208	G	3	6.5	4	0
20	0209	B	2	6	0	3
20	0210	B	2	6	0	3
20	0211	B	2	6	0	3
20	0212	B	2	6	0	3
20	0259	B	2	6	0	3
20	0259	F	3	5.7	3	0
22	0113	M	3	6	0	3
22	0114	M	3	6	0	3
22	0115	M	3	6	0	3
22	0116	M	3	6	0	3
22	0117	M	3	6	0	3
22	0118	M	3	6	0	3
22	0119	M	3	6	0	3
22	0120	M	3	6	0	3
22	0121	M	3	6	0	3

Table 47. 2009 counts on MAP results for PCC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
22	0122	M	3	6	0	3
22	0123	M	3	6	0	3
22	0124	M	3	6	0	3
24	0501	B	2	6	0	3
24	0501	D	4	4.2	2	1
24	0502	B	2	8.9	0	3
24	0502	D	4	3.9	3	0
24	0503	B	2	8.9	0	3
24	0503	D	4	3.9	3	0
24	0504	B	2	7	0	3
24	0504	D	4	4.1	3	0
24	0505	B	2	8.9	0	3
24	0505	D	4	3.7	4	0
24	0506	B	2	7	0	3
24	0506	D	4	4.3	3	0
24	0507	B	2	7	0	3
24	0507	D	4	4.1	3	0
24	0508	B	2	8	0	3
24	0508	D	4	4.2	3	0
24	0509	B	2	7.4	0	3
24	0509	D	4	3.5	4	0
24	0559	B	2	7.7	0	3
24	0559	D	4	3.4	0	3
24	0560	B	2	5.9	0	3
24	0560	D	4	3.9	0	3
24	0561	B	2	6.8	0	3
24	0561	D	4	3.7	0	3
24	0562	B	2	6.8	0	3
24	0562	D	4	4.3	0	3
24	0563	B	2	5.9	0	3
24	0563	D	4	3.7	0	3
26	0217	G	3	6.1	2	1
26	0218	G	3	6.3	1	2
26	0219	G	3	5.9	4	0
26	0220	G	3	5.8	4	0
37	0205	J	3	6.5	3	0
37	0206	J	3	6.7	3	0
37	0207	J	3	5.6	3	0

Table 47. 2009 counts on MAP results for PCC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
37	0208	J	3	5.9	3	0
38	0217	D	3	6.4	6	0
38	0218	D	3	6.6	6	0
38	0219	D	3	6.4	7	0
38	0220	D	3	6.5	7	0
38	0262	D	3	6.4	6	0
39	0205	F	2	6.2	7	0
39	0206	F	2	5.9	7	0
39	0207	F	2	6.2	7	0
39	0208	F	2	6.3	7	0
39	0261	D	3	4.2	0	3
39	0262	D	3	4.1	0	3
39	0264	D	3	4	0	3
46	0601	B	2	3.4	3	0
46	0602	B	2	4.2	2	1
46	0603	B	2	4.3	4	0
46	0604	B	2	3.9	4	0
46	0605	B	2	4.3	3	0
46	0606	B	2	4.9	3	0
46	0607	B	2	3.5	3	0
46	0608	B	2	4.7	4	0
46	0660	B	2	5.5	0	3
46	0661	B	2	5.5	0	3
46	0662	B	2	5.5	0	3
47	0601	D	2	6	0	3
47	0602	D	2	6	0	3
47	0603	D	2	7.5	0	3
47	0604	D	2	6.6	0	3
47	0605	D	2	7.5	0	3
47	0606	D	2	7.5	0	3
47	0607	D	2	6.6	0	3
47	0608	D	2	6.6	0	3
47	0661	D	2	6.6	0	3
47	0662	D	2	6.6	0	3
51	0113	M	2	6	0	3
51	0114	M	2	6	0	3
51	0115	M	2	6	0	3
51	0116	M	2	6	0	3

Table 47. 2009 counts on MAP results for PCC treated base layer tests by test section—Continued.

State Code	SHRP ID	Project Layer	Section Layer	Thickness	PC06	
					Done	Need
51	0117	M	2	6	0	3
51	0118	M	2	6	0	3
51	0119	M	2	6	0	3
51	0120	M	2	6	0	3
51	0121	M	2	6	0	3
51	0122	M	2	6	0	3
51	0123	M	2	6	0	3
51	0159	M	2	6	0	3
53	0205	H	4	6.1	6	0
53	0206	H	4	6.2	6	0
53	0207	H	4	6.1	6	0
53	0208	H	4	6.5	6	0
55	0217	K	3	6.4	4	0
55	0218	K	4	5.8	7	0
55	0219	K	3	5.7	4	0
55	0220	K	3	6.3	4	0
55	0261	J	4	6.5	5	0
				Totals	**419**	**372**

HRDI-13/08-10(WEB)E