ME SPS-5

PAVEMENT
MANAGEMENT
SYSTEMS

July 29, 1994
50451010-13.01.5

Mr. Warren Foster
Engineer of Technical Services
Maine State Department of Transportation
State House Station #16
Augusta, Maine 04333-0016

RE: ME DOT SPS-5, Field Materials Sampling and Testing Plans, Updates

Dear Mr. Foster:

Forwarded enclosed are updated materials and testing plans for the SPS-5 project on I-95 NB, Argyle, ME.

The updates are to conform to revisions made to the SPS-1 Materials and Testing Guidelines, which apply to SPS-5 projects, and to the laboratory testing which is now to be carried out by FHWA-LTPP Contractor Laboratory, Law Engineering, Atlanta (Laboratory No. 1311) in addition to the resilient modulus testing. Revisions to the SPS-5 Construction and Materials and Testing Guidelines are not yet available.

The enclosures are:-

1) The SPS-5 Maine Design Schematic, Layout of Test Sections and Post-Construction Sampling Locations for Sections 2-9, and 59	10 pages
2) Table 1 - ME DOT SPS-5 Test Section Layout	2 pages
3) Table 2 - Pre-Construction Laboratory Testing and Post-Construction Laboratory Testing	3 pages
4) Table 3 - Bulk Material Sampling and Testing During Construction	1 page
5) Table 4 - Pre-Construction Sampling and Laboratory Tests	2 pages

415 LAWRENCE BELL DRIVE
UNIT #3
AMHERST, N.Y. 14221
TEL. (716) 632-0804
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6) Table 5 and 5A - Tracking Tables for Subgrade, Subbase, Base; State Laboratory and Law Engineering, Atlanta — 2 pages

7) Table 6 and 6A - Tracking Tables for Pre-Construction AC Samples; State Laboratory and Law Engineering, Atlanta — 2 pages

8) Table 7 - Tracking Table for During Construction AC Overlay Samples; State Laboratory — 2 pages

9) Table 8 and 8A - Tracking Table for Post-Construction AC Cores; State Laboratory and Law Engineering, Atlanta — 2 pages

The ME DOT State Laboratory, Augusta, ME is assigned a Laboratory #2321, while the FHWA-LTPP Contractor Laboratory is the Law Engineering Laboratory #1311, Atlanta, GA. Material samples which are slated to be tested by the FHWA-LTPP Contractor Laboratory in the above tables shall be shipped pre-paid and with the appropriate documentation, to Law Engineering Inc. 396 Plasters Avenue, NE, Atlanta, GA 30323, Attention: Mr. Rick Boudreau (404) 817-0242, Fax (404) 872-5927.

Please do not hesitate to contact me or Basil Abukhater for clarification, questions, additional information or other assistance.

Yours Sincerely,

William A. Phang

William A. Phang
Program Manager, FHWA-LTPP
Pavement Management Systems Limited

WAP/tf

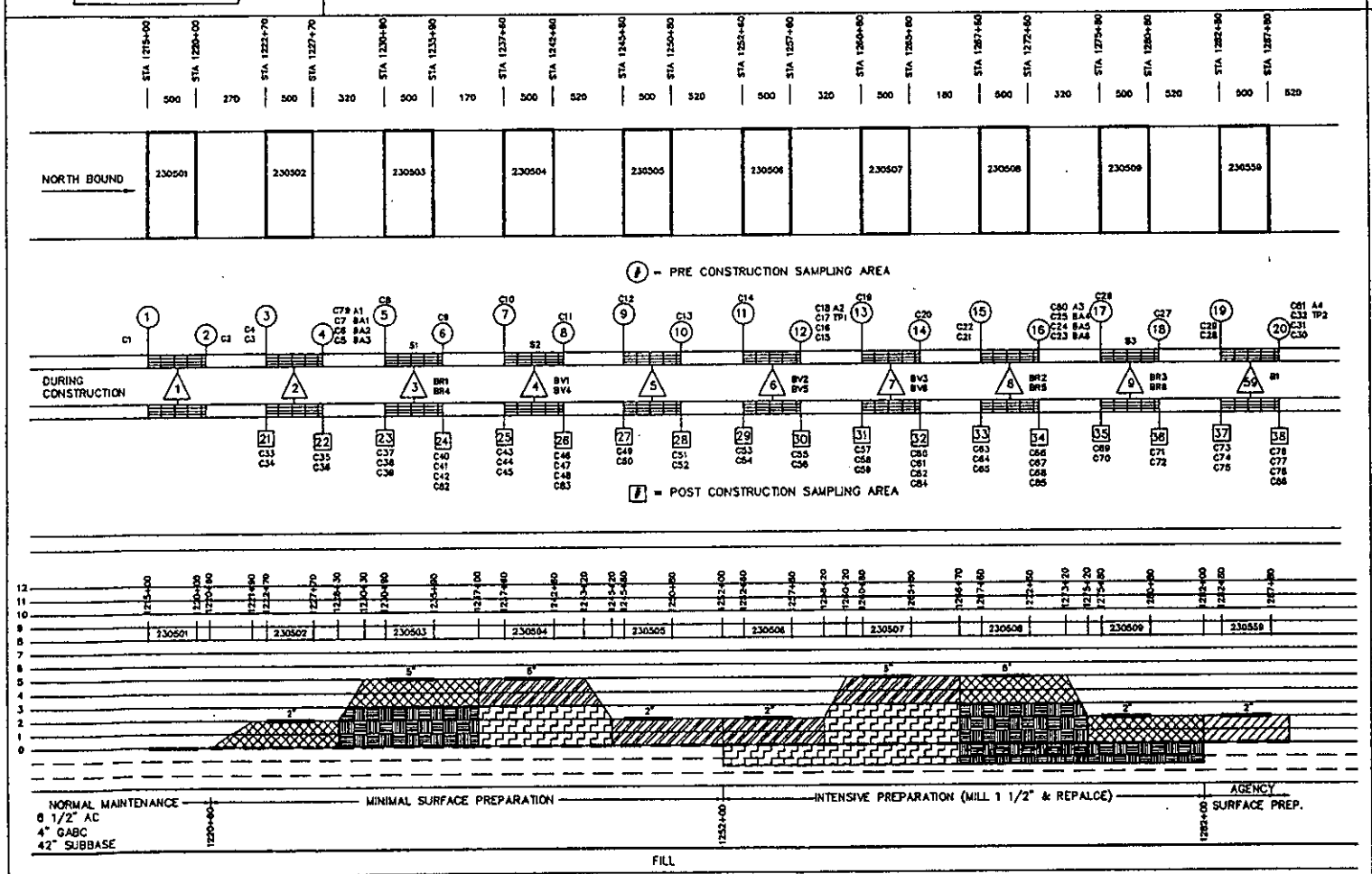
enclosure

C.C. I.J. Pecnik, RE, NARO, w/enclosure
D. Morian, PMSL, w/enclosure
B. Abukhater, PMSL, w/enclosure
G. Rada, PCS/Law, w/enclosure
M. Symons, FHWA, w/enclosure

shrp

FHWA–LTPP SPS 5 MAINE DESIGN SCHEMATIC
REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

PMS PAVEMENT MANAGEMENT SYSTEMS LIMITED



REHAB TREATMENTS

- MIX A = 30/70 RECYCLED A/C SURFACE COURSE
- MIX B = 30/70 RECYCLED A/C BASE COURSE (1 1/2" LIFTS)
- MIX C = VIRGIN A/C MIX SURFACE COURSE
- MIX D = VIRGIN A/C MIX BASE COURSE (1 1/2" LIFTS)
- AGENCY OVERLAY MIX I-4, 2" A/C
- TEST SECTION DESIGN CODE

I-95 NORTH BOUND
ARGYLE, MAINE

PLOTDATE: JUNE/30/94

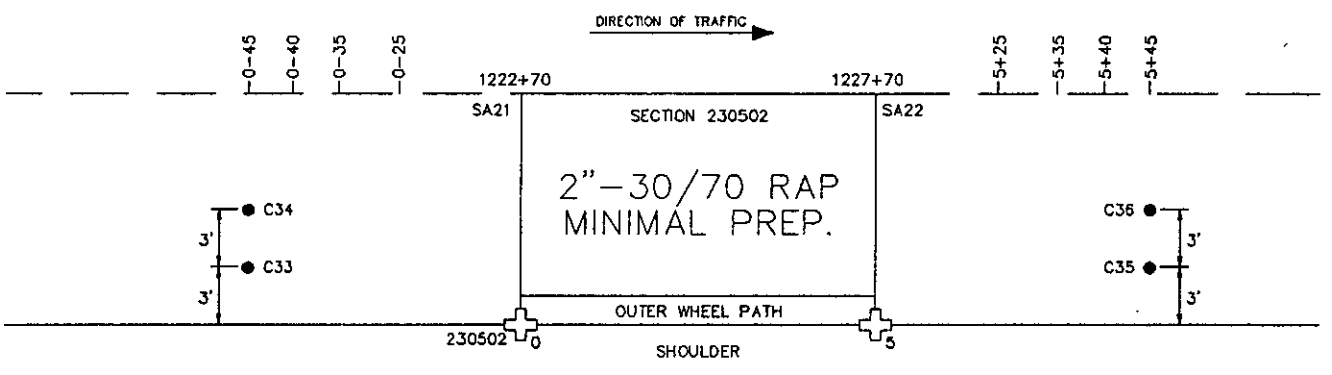
SPS-5-1A

SHRP SPS-5 TEST SECTIONS ONLY. DRAWING NOT INTENDED TO BE USED FOR CONSTRUCTION PURPOSES

STRATEGIC HIGHWAY RESEARCH PROGRAM NORTH ATLANTIC REGION

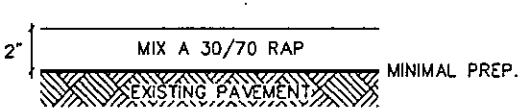
FHWA–LTPP SPS 5 MAINE DESIGN SCHEMATIC
REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

PAVEMENT MANAGEMENT SYSTEMS LIMITED

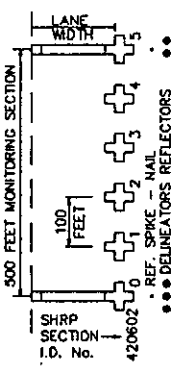


POST–CONSTRUCTION SAMPLING PLAN FOR SECTION 230502

● 4" OD core of AC overlay layers



TYPICAL SITE SIGNING & MARKING



SPS 5
230502

ROAD TEST

I–95 NORTH BOUND
ARGYLE, MAINE.

PLOTDATE: JUNE/3/94

SPS–5–13

FHWA SPS–5 TEST SECTIONS ONLY.
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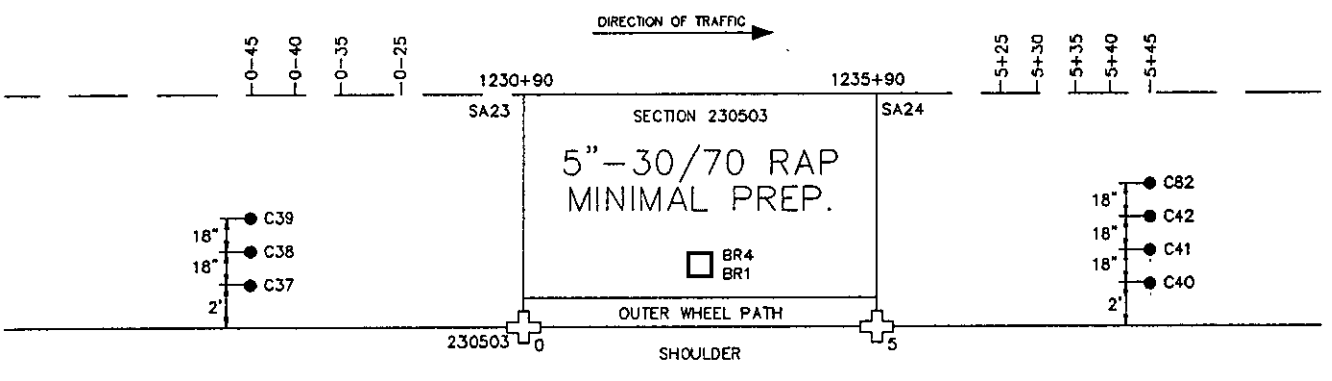
LONG TERM PAVEMENT PERFORMANCE

NORTH ATLANTIC REGION

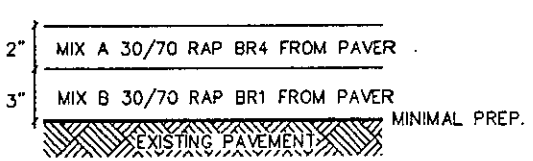
FHWA–LTPP SPS 5 MAINE DESIGN SCHEMATIC
REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

PAVEMENT MANAGEMENT SYSTEMS LIMITED



POST–CONSTRUCTION SAMPLING PLAN FOR SECTION 230503

● 4" OD core of AC overlay layers



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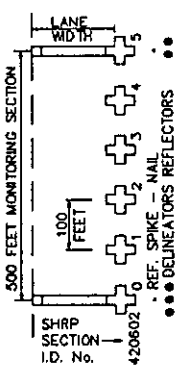

SPS 5
230503

ROAD TEST

I–95 NORTH BOUND
ARGYLE, MAINE.

PLOTDATE: JUNE/3/94

SPS–5–14

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REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

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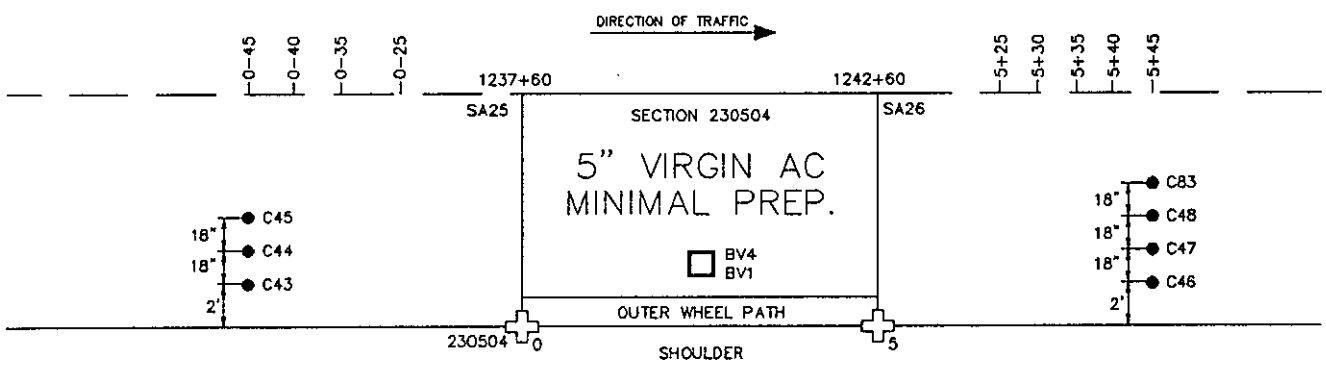
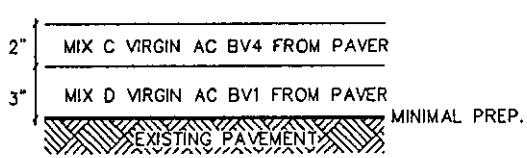


POST–CONSTRUCTION SAMPLING PLAN FOR SECTION 230504

● 4" OD core of AC overlay layers



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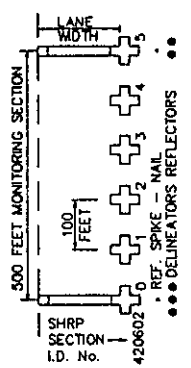

SPS 5
230504

ROAD TEST

I–95 NORTH BOUND
ARGYLE, MAINE.

PLOTDATE: JUNE/2/94

SPS–5–15

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FHWA–LTPP SPS 5 MAINE DESIGN SCHEMATIC
REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

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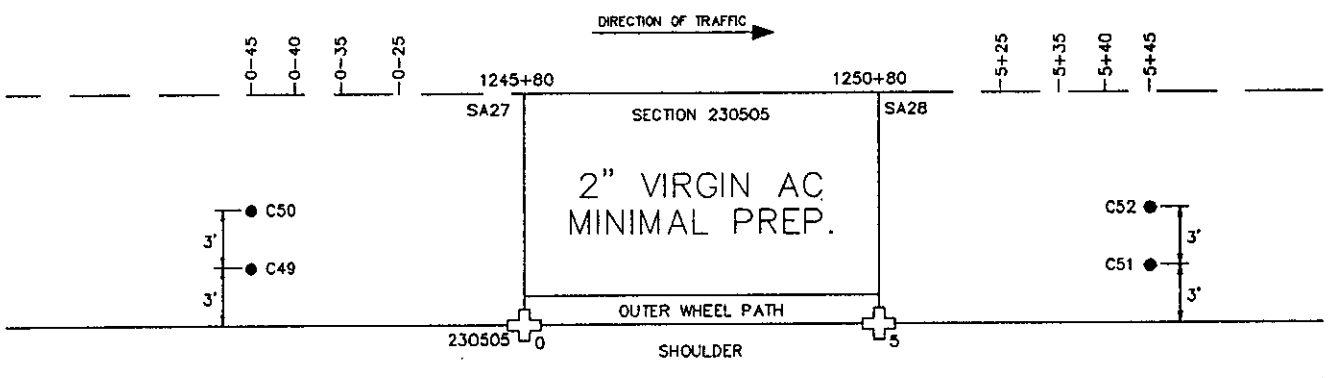
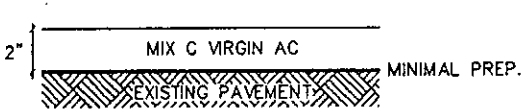


POST–CONSTRUCTION SAMPLING PLAN FOR SECTION 230505

● 4" OD core of AC overlay layers



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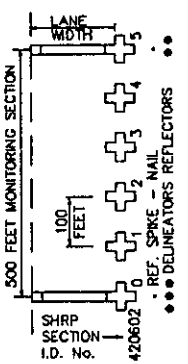

SPS 5
230505

ROAD TEST

I-95 NORTH BOUND
ARGYLE, MAINE.

PLOTDATE JUNE/3/94

SPS-5-16

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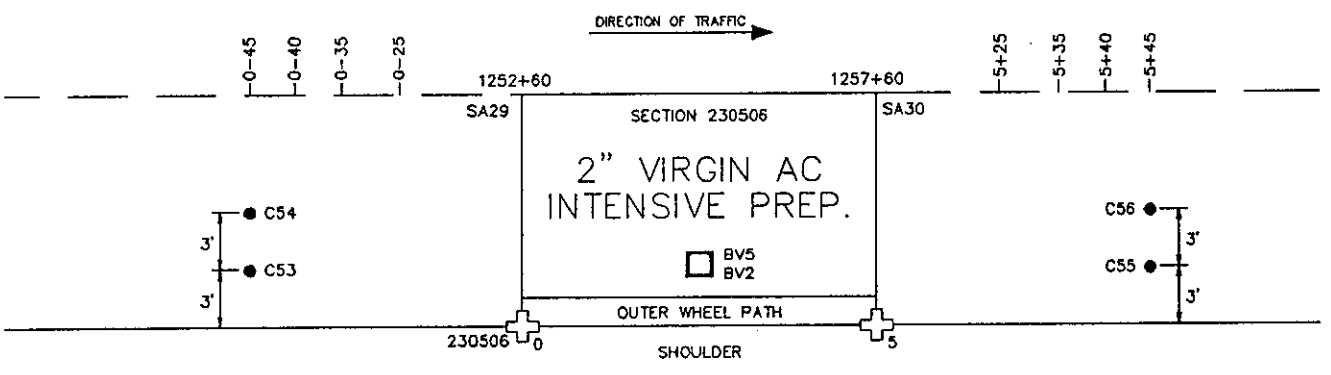
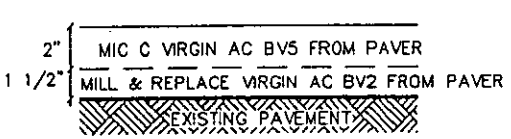
FHWA–LTPP SPS 5 MAINE DESIGN SCHEMATIC
REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

PAVEMENT MANAGEMENT SYSTEMS LIMITED



POST–CONSTRUCTION SAMPLING PLAN FOR SECTION 230506

● 4" OD core of AC overlay layers



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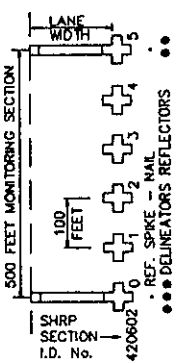

SPS 5
230506

ROAD TEST

I–95 NORTH BOUND
ARGYLE, MAINE.

PLOTDATE JUNE/23/94

SPS–5–17

FHWA SPS–5 TEST SECTIONS ONLY.
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REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

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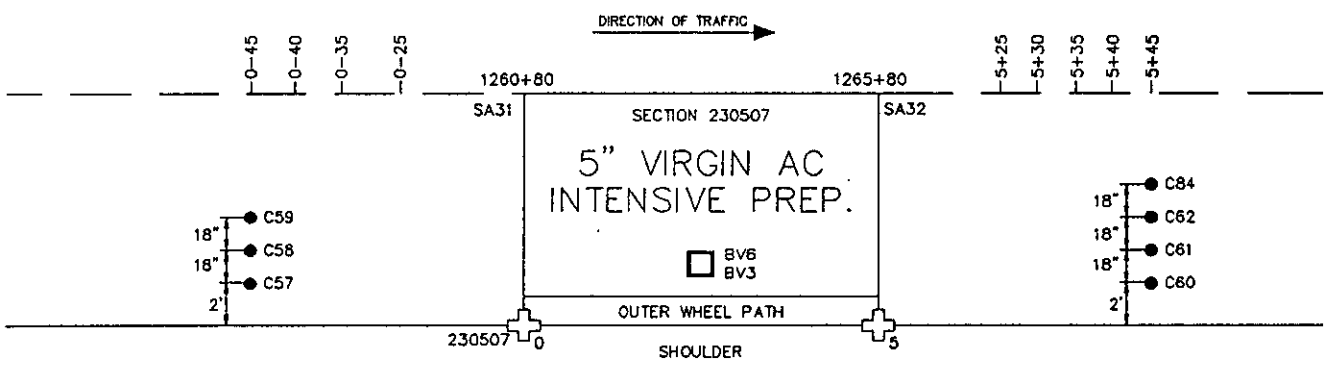
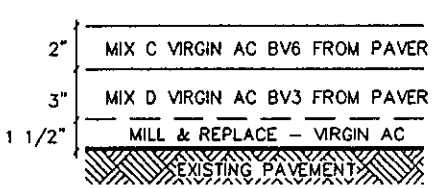


POST–CONSTRUCTION SAMPLING PLAN FOR SECTION 230507

● 4" OD core of AC overlay layers



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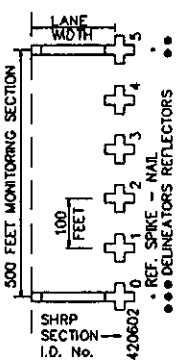

SPS 5
230507

ROAD TEST

1–95 NORTH BOUND
ARGYLE, MAINE.

PLOTDATE: JUNE/23/94

SPS–5–18

FHWA SPS–5 TEST SECTIONS ONLY.
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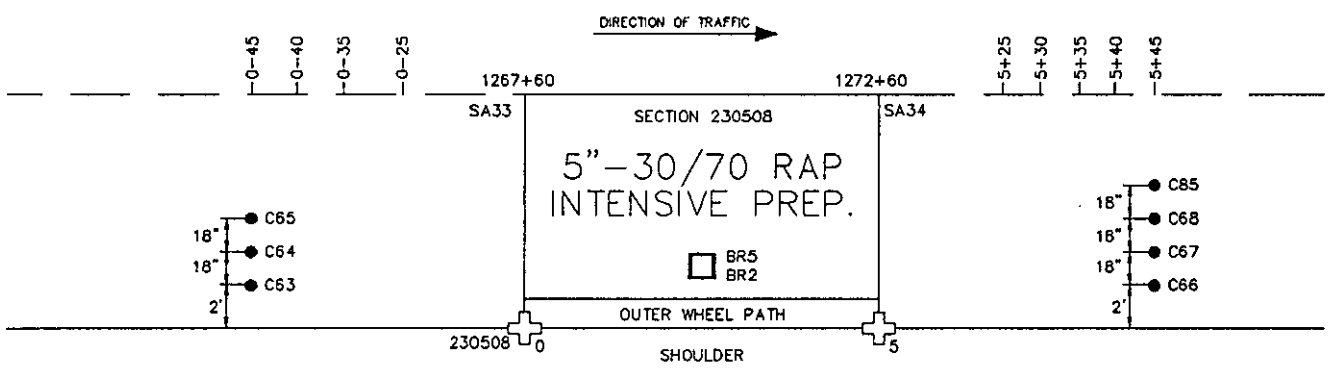
LONG TERM PAVEMENT PERFORMANCE

NORTH ATLANTIC REGION

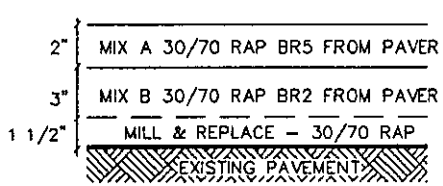
FHWA–LTPP SPS 5 MAINE DESIGN SCHEMATIC
REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

PAVEMENT MANAGEMENT SYSTEMS LIMITED



POST–CONSTRUCTION SAMPLING PLAN FOR SECTION 230508

● 4" OD core of AC overlay layers



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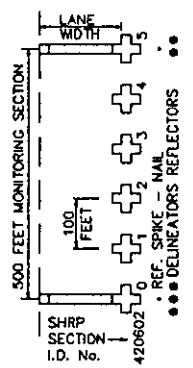

SPS 5
230508

ROAD TEST

I–95 NORTH BOUND
ARGYLE, MAINE.

PLOTDATE JUNE/23/94

SPS–5–19

FHWA SPS–5 TEST SECTIONS ONLY.
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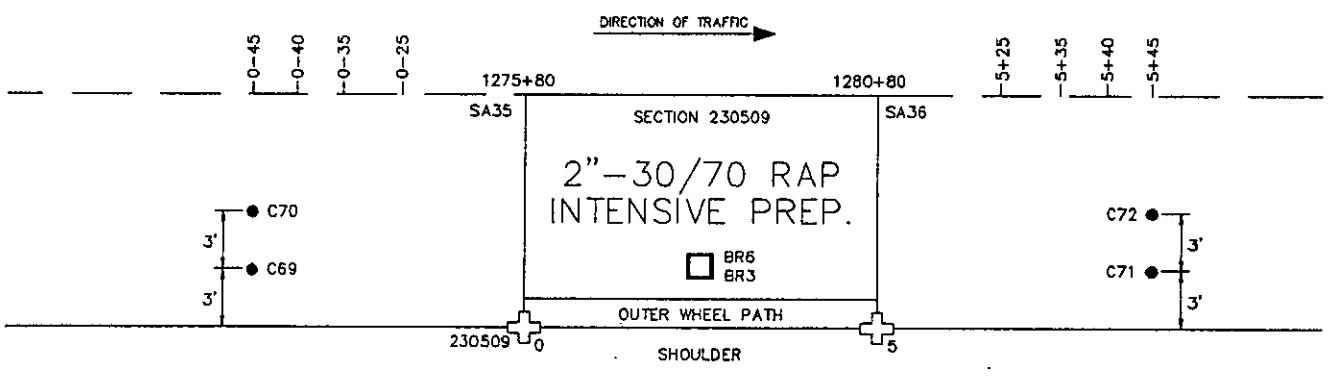
LONG TERM PAVEMENT PERFORMANCE

NORTH ATLANTIC REGION

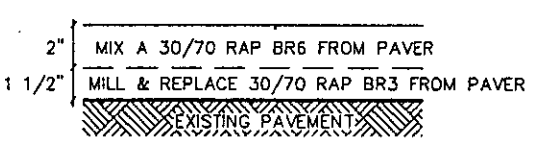
FHWA–LTPP SPS 5 MAINE DESIGN SCHEMATIC
REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

PAVEMENT MANAGEMENT SYSTEMS LIMITED



POST–CONSTRUCTION SAMPLING PLAN FOR SECTION 230509

● 4" OD core of AC overlay layers



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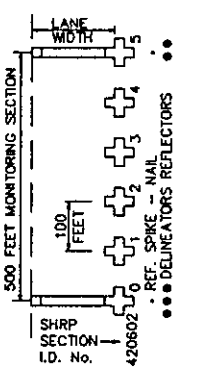

SPS 5
230509

ROAD TEST

I–95 NORTH BOUND
ARGYLE, MAINE.

PLOTDATE: JUNE/23/94

SPS–5–20

FHWA SPS–5 TEST SECTIONS ONLY.
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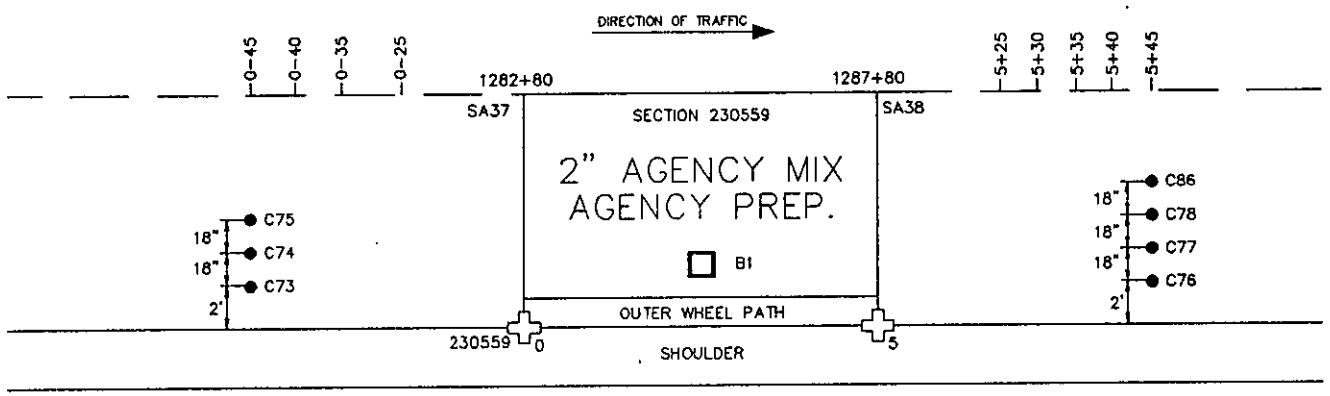
LONG TERM PAVEMENT PERFORMANCE

NORTH ATLANTIC REGION

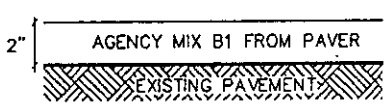
FHWA–LTPP SPS 5 MAINE DESIGN SCHEMATIC
REHABILITATION OF ASPHALT CONCRETE PAVEMENTS

PAVEMENT MANAGEMENT SYSTEMS LIMITED



POST–CONSTRUCTION SAMPLING PLAN FOR SECTION 230559

● 4" OD core of AC overlay layers



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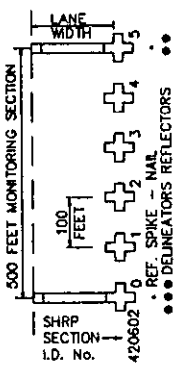

SPS 5
230559

ROAD TEST

I–95 NORTH BOUND
ARGYLE, MAINE.

PLOTDATE: JUNE/23/94

SPS–5–21

FHWA SPS–5 TEST SECTIONS ONLY.
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LONG TERM PAVEMENT PERFORMANCE

NORTH ATLANTIC REGION

TABLE 1
ME DOT SPS-5 TEST SECTION LAYOUT, I-95 NB, ALTON, ME

Revised August 1993

CONST. STA.	LENGTH FT.	SURFACE PREP.	OVERLAY THICK.	OVERLAY MATERIAL	REMARKS SPS-5	SHRP ID SA-1	MONITOR STA.	CONSTR. STA
1215+00 1220+60	500'	NORMAL MAINTEN-ANCE	0"	N/A	BEGINS CONTROL	230501	0+00 5+00	1215+00 1220+00
1221+90	190'	END/BEGIN MINIMAL PREP.	0-2"	30/70 RAP	BEGIN TRANSITION END	SA-2 SA-3		
1228+30	640'	MIN. PREP.	2"	30/70 RAP		230502	0+00 5+00	1222+70 1227+70
1230+30	200'		2"-5"		BEGIN TRANSITION END	SA-4 SA-5		
1237+00	670'	MINIMAL PREP.	5"	30/70 RAP	MIX CHANGE	230503 SA-6 SA-7	0+00 5+00	1230+90 1235+90
1243+20	620'	MINIMAL PREP.	5"	VIRGIN AC		230504	0+00 5+00	1237+60 1242+60
1245+20	200'	MINIMAL PREP.	5"-2"	VIRGIN AC	BEGIN TRANSITION END	SA-8 SA-9		
1252+00	680'	MINIMAL PREP. ENDS/BEGINS	2"	VIRGIN AC		230505 SA-10	0+00 5+00	1245+80 1250+80
1258+20	620'	INTENSIVE PREP.	2"	VIRGIN AC.	MILL 1.5 ", REPLACE WITH VIRGIN AC.	SA-11 230506	0+00 5+00	1252+60 1257+60
		INTENSIVE PREP.	2"-5"	VIRGIN AC	BEGIN TRANSITION	SA-12		

TABLE 1 (Cont.)
ME DOT SPS-5 TEST SECTION LAYOUT, I-95 NB, ALTON, ME

Revised, August 1993

CONSTR. STA.	LENGTH FT.	SURFACE PREP.	OVERLAY THICK.	OVERLAY MATERIAL	REMARKS	SHRP ID	MONITOR STA.	CONSTR. STA
1260+20	200'	INTENSIVE PREP	2"-5"	VIRGIN AC	TRANSITION ENDS	SA-13		
1266+70	650'	INTENSIVE PREP.	5"	VIRGIN AC		230507	0+00 5+00	1260+80 1265+80
				VIRGIN AC	MIX CHANGE	SA-14		
1273+20	650'	INTENSIVE PREP.	5"	30/70 RAP		SA-15 230508	0+00 5+00	1267+60 1272+60
1275+20	200'	INTENSIVE PREP.	5"-2"	30/70 RAP	BEGIN TRANSITION ENDS	SA-16 SA-17		
1282+00	680'	INTENSIVE PREP INTENSIVE PREP. END/BEGIN	2"	30/70 RAP END/BEGIN		230509 SA-18	0+00 5+00	1275+80 1280+80
1288+20	620'	AGENCY PREP.	2"	AGENCY MIX		SA-19 230559 SA-20	0+00 5+00	1282+80 1287+80

NORMAL MAINTENANCE - INCLUDES PATCHING, CRACK SEALING
MINIMAL PREPARATION - INCLUDES PATCHING
INTENSIVE PREPARATION - MILL 1 1/2" AND REPLACE WITH SAME MATERIAL IN LAYER ABOVE
AGENCY PREPARATION - SAME AS MINIMAL PREPARATION
SA - SAMPLE AREA

TABLE 2
ME DOT SPS-5 LABORATORY TESTING PLANS
(PRE-CONSTRUCTION)

	MATERIAL TYPE AND TEST NAME	SHRP TEST DESIGNATION	SHRP PROTOCOL	NO. OF TESTS PER LAYER	MATERIAL SOURCE/ SAMPLE TYPE DESIGNATION
I.	ASPHALT CONCRETE				
	A. ASPHALTIC CONCRETE:				
	Core Examination/Thickness	AC01	P01	35	All C Type Cores
	Bulk Specific Gravity	AC02	P02	35	All C Type Cores
	Maximum Specific Gravity	AC03	P03	4	(BA1-3), (BA4-6), TP1, TP2
	Asphalt Content (Extraction)	AC04	P04	4	(BA1-3), (BA4-6), TP1, TP2
	Creep Compliance	AC06	P06	4	C3, C14, C21, C28
	Resilient Modulus	AC07	P07	4	(C5-C7), (C15-C17), (C23-C25), (C30-C32)
	Tensile Strength	AC07	P07	4	(C5-C7,C79), (C15-C18), (C23-C25,C80), (C30-C32,C81)
	Field Moisture Damage	AC08	P08	6	A1, A2, A3, A4, TP1, TP2
	B. EXTRACTED AGGREGATE:				
	Type and Classification:				
	Coarse Aggregate	AG03	P13	4	(BA1-3), (BA4-6), TP1, TP2
	Fine Aggregate	AG03	P13	4	(BA1-3), (BA4-6), TP1, TP2
	Gradation of Aggregate	AG04	P14	4	(BA1-3), (BA4-6), TP1, TP2
	NAA Test for Fine Aggregate Particle Shape	AG05	P14 (note 2)	4	(BA1-3), (BA4-6), TP1, TP2
	C. ASPHALT CEMENT:				
	Abson Recovery	AE01	P21	4	(BA1-3), (TP1, TP2), (BA4-6)
	Penetration at 77 and 115 F	AE02	P22	4	(BA1-3), (TP1, TP2), (BA4-6)
	Specific Gravity (60 F)	AE03	P23	4	(BA1-3), (TP1, TP2), (BA4-6)
	Viscosity at 77 F	AE04	P24	4	(BA1-3), (TP1, TP2), (BA4-6)
	Viscosity at 140 F, 275 F	AE05	P25	4	(BA1-3), (TP1, TP2), (BA4-6)

NOTES:

1. 4" thick creep compliance test specimen may require to be made from two cores.
2. National Aggregate Association will perform tests at no cost to the State.
3. Cores within brackets are from the same sampling area.

TABLE 2 (Cont.)
ME DOT SPS-5 LABORATORY TESTING PLANS
(PRE-CONSTRUCTION)

	MATERIAL TYPE AND TEST NAME	SHRP TEST DESIGNATION	SHRP PROTOCOL	NO. OF TESTS PER LAYER	MATERIAL SOURCE/ SAMPLE TYPE DESIGNATION
II.	UNBOUND GRANULAR BASE AND SUBBASE				
	Particle Size Analysis	UG01	P41	2	TP1, TP2
	Sieve Analysis (Washed)	UG02	P41	2	TP1, TP2
	Atterberg Limits	UG04	P43	2	TP1, TP2
	Moisture-Density Relations	UG05	P44	2	TP1, TP2
	Relilient Modulus	UG07	P46	2	TP1, TP2
	Classification	UG08	P47	4	(BA1-3), (TP1, TP2), (BA4-6)
	Permeability	UG09	P48	2	(BA1-3), (BA4-6)
	Natural Moisture Content	UG10	P49	8	(BA1-3), (TP1, TP2), (BA4-6)
	Nuclear Density/Moisture			2	TP1, TP2
III.	SUBGRADE				
	Sieve Analysis	SS01	P51	2	TP1, TP2
	Hydrometer to 0.001 mm	SS02	P42	2	TP1, TP2
	Atterberg Limits	SS03	P43	2	TP1, TP2
	Classification	SS04	P52	8	(A1-4), (BA1-3), (TP1, TP2), (BA4-6)
	Moisture-Density Relations	SS05	P55	2	TP1, TP2
	Resilient Modulus	SS07	P46	2	TP1, TP2
	Measurement of Hydraulic Conductivity of Saturated Porous Materials Using a Flexible Wall Permeameter	SS11	P57	2	(BA1-3), (BA4-6)
	Natural Moisture Content	SS09	P49	4	(BA1-3), (TP1, TP2), (BA4-6)
	Depth to Rigid Layer			3	S1, S2, S3
	Nuclear Density/Moisture			2	TP1, TP2

TABLE 2
ME DOT SPS-5 LABORATORY TESTING PLANS
(POST-CONSTRUCTION)

	MATERIAL TYPE AND TEST NAME	SHRP TEST DESIGNATION	SHRP PROTOCOL	NO. OF TESTS PER LAYER	MATERIAL SOURCE/ SAMPLE TYPE DESIGNATION
A.	**ASPHALTIC CONCRETE:**				
	Core Examination/Thickness	AC01	P01	51	ALL CORES
	Bulk Specific Gravity	AC02	P02	51	ALL CORES
	Maximum Specific gravity	AC03	P03	13	BV1, BV2, BV3 (BV4-6) BR1, BR2, BR3 (BR4-6), B1
	Asphalt content (Extraction)	AC04	P04	13	BV1, BV2, BV3 (BV4-6) BR1, BR2, BR3 (BR4-6), B1
	Moisture Susceptibility	AC05	P05	13	BV1, BV2, BV3 (BV4-6) BR1, BR2, BR3 (BR4-6), B1
	Creep Compliance	AC06	P06	5	C37, C43, C57, C63, C73
	Resilient Modulus	AC07	P07	15	(C40-42), (C46-C48), (C60-C62), (C66-C68), (C76-C78)
	Tensile Strength	AC07	P07	20	(C40-C42,C82), (C46-C48,C83), (C60-C62,C84), (C66-C68,C85) (C76-C78,C86)
B.	**EXTRACTED AGGREGATE:**				
	Bulk Specific Gravity:				
	Coarse Aggregate	AG01	P11	13	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1
	Fine Aggregate	AG02	P12	13	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1
	Type and Classification:				
	Coarse Aggregate	AG03	P13	13	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1
	Fine Aggregate	AG03	P13	13	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1
	Gradation of Aggregate	AG04	P14	13	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1
	NAA Test for Fine Aggregate Particle Shape	AG05	P14 (note 2)	13	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1
C.	**ASPHALT CEMENT:**				
	Abson Recovery	AE01	P21	13	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1
	Penetration at 77 and 115 F	AE02	P22	15	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1, ACV, ACR
	Specific Gravity (60F)	AE03	P23	15	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1, ACV, ACR
	Viscosity at 77 F	AE04	P24	15	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1, ACV, ACR
	Viscosity at 140 F, 275 F	AE05	P25	15	BV1, BV2, BV3, (BV4-6), BR1, BR2, BR3, (BR4-6), B1, ACV, ACR

NOTES:

1. Creep compliance specimen will be selected or built from cores in brackets.
2. National Aggregate Association will perform tests at no cost to the State.

TABLE 3
SPS-5 BULK MATERIAL SAMPLING AND TESTING DURING CONSTRUCTION

A. MATERIALS TO BE TESTED AS PART OF LTPP

MATERIAL AND SAMPLE DESCRIPTION	SIZE OF MATERIAL SAMPLES	SAMPLING LOCATION
1. Virgin Asphalt Concrete Surfacing Mix (BV4-6)	45 kg (100 lbs.) each	Paver
2. Virgin Asphalt Binder Mix (BV1-3)	45 kg (100 lbs.) each	Paver
3. Recycled Asphalt Concrete Mix (BR4-6)	45 kg (100 lbs.) each	Paver
4. Recycled Asphalt Binder Mix (BR1-3)	45 kg (100 lbs.) each	Paver
5. Asphalt Cement (ACV) Virgin Mix	19 litre (5 gal.)	Paver
6. Asphalt Cement (ACR) Recycled Mix	19 litre (5 gal.)	Paver
7. Nuclear Density Testing of AC Layers	3 tests in each test section (30 total)	In outer wheel track at 1+00, 2+50, and 4+00

B. MATERIALS TO BE SHIPPED TO THE SHRP ASPHALT REFERENCE LIBRARY

MATERIAL AND SAMPLE DESCRIPTION	NUMBER OF MATERIAL SAMPLES	SAMPLE LOCATION
1. Asphalt Cement (Virgin Mix) (19 litre) 5 gallon containers	3	Mix Plant
2. Asphalt Cement (recycled mix) (19 litre) 5 gallon containers	3	Mix Plant
3. Aggregate		
Used in virgin mix (eleven 19 litre (5 gal.) pails)	1000 lbs.	Mix Plant
Used in recycled mix (eleven 19 litre (5 gal.) pails)	1000 lbs.	Mix Plant
4. Recycled Asphaltic Concrete (prior to remixing), (eleven 19 litre (5 gal.) pails)	1000 lbs.	Mix Plant
5. Finished Asphaltic Concrete Mix		
virgin AC mix	91 kg (200 lbs.)	Mix Plant
Recycled AC mix	91 kg (200 lbs.)	Mix Plant

TABLE 4
ME DOT SPS-5, I-95 NB, ARGYLE, ME
PRE-CONSTRUCTION FIELD MATERIAL SAMPLES AND LABORATORY TESTS

SAMPLE AREA	CONSTR. STA.	OFF-SET	LOCA-TION	SAMPLE I.D.	LAB. TEST PROTOCOL	UNBOUND GRAN. BASE	UNBOUND GRAN. SUBBASE	LAB. TEST PROTOCOLS	SUBGRADE SAMPLES	LAB. TEST PROTOCOLS
SA1	1214+60	3'	C1	CA01	P01, P02					
SA2	1220+40	3'	C2	CA02	P01, P02					
SA3	1222+30	3'	C3	CA03	P01, P02, P06					
		6'	C4	CA04	P01, P02					
SA4	1227+95	2'	C5	CA05	P01, P02, P07					
		3.5'	C6	CA06	P01, P02, P07					
		5'	C7	CA07	P01, P02, P07					
		6.5'	C79	CA79	P01, P02, P07					
	1228+00	3'	A1	CA51	P08				JS01	P52
	1228+05	3'	BA2	CA62	P03, P04	BG01-03	BG61-63	P47, P48	BS01-03	P52, P57
	1228+10	6'	BA1	CA61	P03, P04					
	1228+15	3'	BA3	CA63	P03, P04	MG01-03	MG61-63	P49	MS01-03	P49
SA5	1230+50	3'	C8	CA08	P01, P02					
SA6	1236+30	3'	C9	CA09	P01, P02					
SA7	1237+20	3'	C10	CA10	P01, P02					
SA8	1243+00	3'	C11	CA11	P01, P02					
SA9	1245+40	3'	C12	CA12	P01, P02					
SA10	1251+20	3'	C13	CA13	P01, P02					
SA11	1252+20	3'	C14	CA14	P01, P02, P06					
SA12	1257+85	2'	C15	CA15	P01, P02, P07					
		3.5'	C16	CA16	P01, P02, P07					
		5.0'	C17	CA17	P01, P02, P07					
		6.5'	C18	CA18	P01, P02, P07					
	1257+90	3'	A2	CA52	P08				JS02	P52
	1258+00	-	TP1	KA01	P03, P04, P08	BG55	BG56	P41, P43, P44	BS55	P51, P42, P43
								P46, P47		P52, P55, P46
						MG55	MG56	P49	MS55	P49

TABLE 4 (Cont.)
ME DOT SPS-5, I-95 NB, ARGYLE, ME
PRE-CONSTRUCTION FIELD MATERIAL SAMPLES AND LABORATORY TESTS

SAMPLE AREA	CONSTR. STA.	OFF-SET	LOCA-TION	SAMPLE I.D.	LAB. TEST PROTOCOL	UNBOUND GRAN. BASE	UNBOUND GRAN. SUBBASE	LAB. TEST PROTOCOLS	SUBGRADE SAMPLES	LAB. TEST PROTOCOLS
SA13	1260+40	3'	C19	CA19	P01, P02					
SA14	1266+20	3'	C20	CA20	P01, P02					
SA15	1267+20	3'	C21	CA21	P01, P02, P06					
		6'	C22	CA22	P01, P02					
SA16	1272+85	2'	C23	CA23	P01, P02, P07					
		3.5'	C24	CA24	P01, P02, P07					
		5'	C25	CA25	P01, P02, P07					
		6.5'	C80	CA80	P01, P02, P07					
	1272+90	3'	A3	CA53	P08				JS03	P52
	1272+95	3'	BA5	CA65	P03, P04	BG04-06	BG64-66	P47, P48	BS04-06	P52, P57
	1273+00	6'	BA4	CA64	P03, P04					
	1273+05	3'	BA6	CA66	P03, P04	MG04-06	MG64-66	P49	BS04-06	P49
SA17	1275+40	3'	C26	CA26	P01, P02					
SA18	1281+20	3'	C27	CA27	P01, P02					
SA19	1282+40	3'	C28	CA28	P01, P02, P06					
		6'	C29	CA29	P01, P02					
SA20	1288+05	2'	C30	CA30	P01, P02, P07					
		3.5'	C31	CA31	P01, P02, P07					
		5'	C32	CA32	P01, P02, P07					
		6.5'	C81	CA81	P01, P02, P07					
	1288+10	3'	A4	CA54	P08				JS04	P52
	1288+20	-	TP2	KA02	P03, P04, P08	BG57	BG58	P41, P43, P44	BS56	P51, P42, P43
								P46, P47		P52, P55, P46
						MG57	MG58	P49	MS56	P49

1. TS samples were not be obtainable, JS samples were obtained instead.
2. Samples for P46, P06, P07 shall be stored and shipped to an FHWA designated laboratory.

TABLE 5
ME DOT SPS-5 I-95 NB ARGYLE ME - STATE LABORATORY
PRE-CONSTRUCTION SAMPLING AND LABORATORY TESTING TRACKING TABLE

SECTION NO.	LOCATION NO.	SAMPLE NO.	CONSTR. STA.	OFFSET m.	LAB TEST NO.	TYPE OF SAMPLE	LABORATORY TEST SEQUENCE					
							FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
Subgrade												
230502	A1	JS01	1228+00		2	Split Spoon Jar Sample	SS04/P52					
	BA1-3	BS01-03	1228+05		2	68 kg. Bulk	SS04/P52	SS11/P57				
		MS01-03	1228+05		2	Moisture Jar Sample	SS09/P49					
230506	A2	JS02	1257+90		2	Split Spoon Jar Sample	SS04/P52					
230508	A3	JS03	1272+90		2	Split Spoon Jar Sample	SS04/P52					
	BA4-6	BS04-06	1272+95		2	68 kg. Bulk	SS04/P52	SS11/P57				
		MS04-06	1272+95		2	Moisture Jar Sample	SS09/P49					
230559	A4	JS04	1288+10		2	Split Spoon Jar Sample	SS04/P52					
Subbase												
230502	BA1-3	BG61-63	1228+05		2	68 kg. Bulk	UG08/P47	UG09/P48				
		MG61-63	1228+05			Moisture Jar Sample	UG10/P49					
230508	BA4-6	BG64-66	1272+95		2	68 kg. Bulk	UG08/P47	UG09/P48				
		MG64-66	1272+95			Moisture Jar Sample	UG01/P49					
Granular Base												
230502	BA1-3	BG01-03	1228+05		2	68 kg. Bulk	UG08/P47	UG09/P48				
		MG01-03	1228+05			Moisture Jar Sample	UG10/P49					
230508	BA4-6	BG04-06	1272+95		2	68 kg. Bulk	UG08/P47	UG09/P48				
		MG04-06	1272+95			Moisture Jar Sample	UG01/P49					

TABLE 5A
ME DOT SPS-5 I-95 NB ARGYLE ME - FHWA-LTPP CONTRACTOR LABORATORY
PRE-CONSTRUCTION SAMPLING AND LABORATORY TESTING TRACKING TABLE

SECTION NO.	LOCATION NO.	SAMPLE NO.	CONSTR. STA.	OFFSET m.	LAB TEST NO.	TYPE OF SAMPLE	LABORATORY TEST SEQUENCE					
							FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
Subgrade												
230506	TP1	BS55	1258+00		2	136 kg. Bulk	SS01/P51	SS02/P42	SS03/P43	SS04/P52	SS05/P55	SS07/P46
		MS55	1258+00			Moisture Jar Sample	SS09/P49					
230559	TP2	BS56	1288+20		2	136 kg. Bulk	SS01/P51	SS02/P42	SS03/P43	SS04/P52	SS05/P55	SS07/P46
		MS56	1288+20			Moisture Jar Sample	SS09/P49					
Subbase												
230506	TP1	BG56	1258+00		2	136 kg. Bulk	UG01/P41	UG02/P41	UG04/P43	UG05/P44	UG07/P46	UG08/P47
		MG56	1258+00			Moisture Jar Sample	UG10/P49					
230559	TP2	BG58	1288+20		2	136 kg. Bulk	UG01/P41	UG02/P41	UG04/P43	UG05/P44	UG07/P46	UG08/P47
		MG58	1288+20			Moisture Jar Sample	UG10/P49					
Granular Base												
230506	TP1	BG55	1258+00		2	136 kg. Bulk	UG01/P41	UG02/P41	UG04/P43	UG05/P44	UG07/P46	UG08/P47
		MG55	1258+00			Moisture Jar Sample	UG10/P49					
230559	TP2	BG57	1288+20		2	136 kg. Bulk	UG01/P41	UG02/P41	UG04/P43	UG05/P44	UG07/P46	UG08/P47
		MG57	1288+20			Moisture Jar Sample	UG10/P49					

TABLE 6
ME DOT SPS-5 I-95 NB ARGYLE ME - STATE LABORATORY
PRE-CONSTRUCTION SAMPLING AND LABORATORY TESTING TRACKING TABLE

SECTION NO.	LOCATION NO.	SAMPLE NO.	CONSTR. STA.	OFFSET m.	LAB TEST NO.	TYPE OF SAMPLE	LABORATORY TEST SEQUENCE					
							FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
Asphalt Concrete						**Existing Pavement**						
230500	C1,2,4 8-13,19,20 22,26,27,29	CA01,02,04 08-13,19,20 22,26,27,29				4" OD Cores	AC01/P01	AC02/P02				
230502	BA1-3	CA61-63	1228+05		2	12" OD Cores	AC03/P03	AC04/P04	AG03/P13	AG04/P14	AE01/P21	AE05/P25
230508	BA4-6	CA64-66	1272+95		2	12" OD Cores	AC03/P03	AC04/P04	AG03/P13	AG04/P14	AE01/P21	AE05/P25
230506	TP1	KA01	1258+00		2	12" x 12" Block	AC03/P03	AC04/P04	AG03/P13	AG04/P14	AE01/P21	AE05/P25
230559	TP2	KA02	1288+20		2	12" x 12" Block	AC03/P03	AC04/P04	AG03/P13	AG04/P14	AE01/P21	AE05/P25
230502	A1	CA51	1228+00	0.9	2	6" OD Cores	AC08/P08					
230506	A2	CA52	1257+90	0.9	2	6" OD Cores	AC08/P08					
230508	A3	CA53	1272+90	0.9	2	6" OD Cores	AC08/P08					
230559	A4	CA54	1288+10	0.9	2	6" OD Cores	AC08/P08					
230506	TP1	KA01	1258+00		2	12" x 12" Block	AC08/P08					
230559	TP2	KA02	1288+20		2	12" x 12" Block	AC08/P08					

TABLE 6A
ME DOT SPS-5 I-95 NB ARGYLE ME - FHWA-LTPP CONTRACTOR LABORATORY
PRE-CONSTRUCTION SAMPLING AND LABORATORY TESTING TRACKING TABLE

SECTION NO.	LOCATION NO.	SAMPLE NO.	CONSTR. STA.	OFFSET m.	LAB TEST NO.	TYPE OF SAMPLE	LABORATORY TEST SEQUENCE					
							FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
Asphalt Concrete						**Existing Pavement**						
230502	C3	CA03	1222+30	0.9	1	4" OD Cores	AC01/P01	AC02/P02	AC06/P06			
	C5	CA05	1227+95	0.6	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C6	CA06	1227+95	1.1	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C7	CA07	1227+95	1.5	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C79	CA79	1227+95	2.0	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
230506	C14	CA14	1252+20	0.9	1	4" OD Cores	AC01/P01	AC02/P02	AC06/P06			
	C15	CA15	1257+85	0.6	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C16	CA16	1257+85	1.1	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C17	CA17	1257+85	1.5	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C18	CA18	1257+85	2.0	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
230508	C21	CA21	1267+20	0.9	1	4" OD Cores	AC01/P01	AC02/P02	AC06/P06			
	C23	CA23	1272+85	0.6	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C24	CA24	1272+85	1.1	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C25	CA25	1272+85	1.5	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C80	CA80	1272+85	2.0	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
230559	C28	CA28	1282+40	0.9	1	4" OD Cores	AC01/P01	AC02/P02	AC06/P06			
	C30	CA30	1288+05	0.6	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C31	CA31	1288+05	1.1	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C32	CA32	1288+05	1.5	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			
	C81	CA81	1288+05	2.0	2	4" OD Cores	AC01/P01	AC02/P02	AC07/P07			

TABLE 7
ME DOT SPS-5 I-95 NB ARGYLE ME - STATE LABORATORY
DURING CONSTRUCTION SAMPLING AND LABORATORY TESTING TRACKING TABLE

SECTION NO.	LOCATION NO.	SAMPLE NO.	CONSTR. STA.	OFFSET m.	LAB TEST NO.	TYPE OF SAMPLE	LABORATORY TEST SEQUENCE					
							FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
ASPHALT CONCRETE SURFACE AND BINDER												
230503	Mix B	BR1	1233+40	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
	Mix A	BR4	1233+40	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
230508	Mix B	BR2	1270+10	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
	Mix A	BR5	1270+10	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
230509	Mix B	BR3	1278+30	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
	Mix A	BR6	1278+30	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
230559	Agency Mix	B1	1285+30	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
230504	Mix D	BV1	1240+10	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
	Mix C	BV4	1240+10	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
230506	Mix D	BV2	1255+10	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
	Mix C	BV5	1255+10	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
230507	Mix D	BV3	1263+30	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12
	Mix C	BV6	1263+30	Paver		45 kg. Bulk Paver	AC03/P03	AC05/P05	AC04/P04	AG04/P14*	AG01/P11	AG02/P12

* Test AG04/P14A is carried out by the NAA

TABLE 7 (Cont.)
ME DOT SPS-5 I-95 NB ARGYLE ME - STATE LABORATORY
DURING CONSTRUCTION SAMPLING AND LABORATORY TESTING TRACKING TABLE

SECTION NO.	LOCATION NO.	SAMPLE NO.	CONSTR. STA.	OFFSET m.	LAB TEST NO.	TYPE OF SAMPLE	LABORATORY TEST SEQUENCE					
							FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
ASPHALT CONCRETE SURFACE AND BINDER												
230503	Mix B	BR1				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230508	Mix B	BR2				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230509	Mix B	BR3				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230503	Mix A	BR4				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230508	Mix A	BR5				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230509	Mix A	BR6				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230559	Agency Mix	B1				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230504	Mix D	BV1				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230506	Mix D	BV2				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230507	Mix D	BV3				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230504	Mix C	BV4				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230506	Mix C	BV5				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
230507	Mix C	BV6				45 kg. (100 lbs.) Bulk	AE01/P21	AE02/P22	AE03/P23	AE04/P24	AE05/P25	
ASPHALT CEMENT												
	Mixes	ACR				19 litre (5 gal.) Plant	AE02/P22	AE03/P23	AE04/P24	AE05/P25		
	A & B						AE02/P22	AE03/P23	AE04/P24	AE05/P25		
							AE02/P22	AE03/P23	AE04/P24	AE05/P25		
	Mixes	ACV				19 litre (5 gal.) Plant	AE02/P22	AE03/P23	AE04/P24	AE05/P25		
	C & D						AE02/P22	AE03/P23	AE04/P24	AE05/P25		
							AE02/P22	AE03/P23	AE04/P24	AE05/P25		
	Agency	ACA				19 litre (5 gal.) Plant	AE02/P22	AE03/P23	AE04/P24	AE05/P25		
	Mix						AE02/P22	AE03/P23	AE04/P24	AE05/P25		

TABLE 8
ME DOT SPS-5 I-95 NB ARGYLE ME - STATE LABORATORY
POST-CONSTRUCTION SAMPLING AND LABORATORY TESTING TRACKING TABLE

SECTION NO.	LOCATION NO.	SAMPLE NO.	CONSTR. STA.	OFFSET m.	LAB TEST NO.	TYPE OF SAMPLE	LABORATORY TEST SEQUENCE					
							FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
ASPHALT CONCRETE SURFACE AND BINDER												
230502	C33	CA33	1222+25	0.9	1	4" O.D. Core	AC01/P01	AC02/P02				
	C34	CA34	1222+25	1.8	1	4" O.D. Core	AC01/P01	AC02/P02				
	C35	CA35	1228+15	0.9	2	4" O.D. Core	AC01/P01	AC02/P02				
	C36	CA36	1228+15	1.8	2	4" O.D. Core	AC01/P01	AC02/P02				
230503	C38	CA38	1230+45	1.1	1	4" O.D. Core	AC01/P01	AC02/P02				
	C39	CA39	1230+45	1.5	1	4" O.D. Core	AC01/P01	AC02/P02				
230504	C44	CA44	1237+15	1.1	1	4" O.D. Core	AC01/P01	AC02/P02				
	C45	CA45	1237+15	1.5	1	4" O.D. Core	AC01/P01	AC02/P02				
230505	C49	CA49	1245+35	0.9	1	4" O.D. Core	AC01/P01	AC02/P02				
	C50	CA50	1245+35	1.8	1	4" O.D. Core	AC01/P01	AC02/P02				
	C51	CA51	1251+25	0.9	2	4" O.D. Core	AC01/P01	AC02/P02				
	C52	CA52	1251+25	1.8	2	4" O.D. Core	AC01/P01	AC02/P02				
230506	C53	CA53	1252+15	0.9	1	4" O.D. Core	AC01/P01	AC02/P02				
	C54	CA54	1252+15	1.8	1	4" O.D. Core	AC01/P01	AC02/P02				
	C55	CA55	1238+05	0.9	2	4" O.D. Core	AC01/P01	AC02/P02				
	C56	CA56	1258+05	1.8	2	4" O.D. Core	AC01/P01	AC02/P02				
230507	C58	CA58	1260+35	1.1	1	4" O.D. Core	AC01/P01	AC02/P02				
	C59	CA59	1260+35	1.5	1	4" O.D. Core	AC01/P01	AC02/P02				
230508	C64	CA64	1267+15	1.1	1	4" O.D. Core	AC01/P01	AC02/P02				
	C65	CA65	1267+15	1.5	1	4" O.D. Core	AC01/P01	AC02/P02				
230509	C69	CA69	1275+35	0.9	1	4" O.D. Core	AC01/P01	AC02/P02				
	C70	CA70	1275+35	1.8	1	4" O.D. Core	AC01/P01	AC02/P02				
	C71	CA71	1281+25	0.9	2	4" O.D. Core	AC01/P01	AC02/P02				
	C72	CA72	1281+25	1.8	2	4" O.D. Core	AC01/P01	AC02/P02				
230559	C74	CA74	1282+35	1.1	1	4" O.D. Core	AC01/P01	AC02/P02				
	C75	CA75	1282+35	1.5	1	4" O.D. Core	AC01/P01	AC02/P02				

TABLE 8A
ME DOT SPS-5 I-95 NB ARGYLE ME - FHWA-LTPP CONTRACTOR LABORATORY POST-CONSTRUCTION SAMPLING AND LABORATORY TESTING TRACKING TABLE

SECTION NO.	LOCATION NO.	SAMPLE NO.	CONSTR. STA.	OFFSET m.	LAB TEST NO.	TYPE OF SAMPLE	LABORATORY TEST SEQUENCE					
							FIRST	SECOND	THIRD	FOURTH	FIFTH	SIXTH
ASPHALT CONCRETE SURFACE AND BINDER												
230503	C37	CA37	1230+45	0.6	1	4" O.D. Core	AC01/P01	AC02/P02	AC06/P06			
	C40	CA40	1236+35	0.6	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C41	CA41	1236+35	1.1	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C42	CA42	1236+35	1.5	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C82	CA82	1236+35	2.0	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
230504	C43	CA43	1237+15	0.6	1	4" O.D. Core	AC01/P01	AC02/P02	AC06/P06			
	C46	CA46	1243+05	0.6	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C47	CA47	1243+05	1.1	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C48	CA48	1243+05	1.5	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C83	CA83	1243+05	2.0	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
230507	C57	CA57	1260+35	0.6	1	4" O.D. Core	AC01/P01	AC02/P02	AC06/P06			
	C60	CA60	1266+25	0.6	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C61	CA61	1266+25	1.1	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C62	CA62	1266+25	1.5	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C84	CA84	1266+25	2.0	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
230508	C63	CA63	1267+15	0.6	1	4" O.D. Core	AC01/P01	AC02/P02	AC06/P06			
	C66	CA66	1273+05	0.6	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C67	CA67	1273+05	1.1	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C68	CA68	1273+05	1.5	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C85	CA85	1273+05	2.0	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
230559	C73	CA73	1282+35	0.6	1	4" O.D. Core	AC01/P01	AC02/P02	AC06/P06			
	C76	CA76	1288+25	0.6	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C77	CA77	1288+25	1.1	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C78	CA78	1288+25	1.5	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			
	C86	CA86	1288+25	2.0	2	4" O.D. Core	AC01/P01	AC02/P02	AC07/P07			