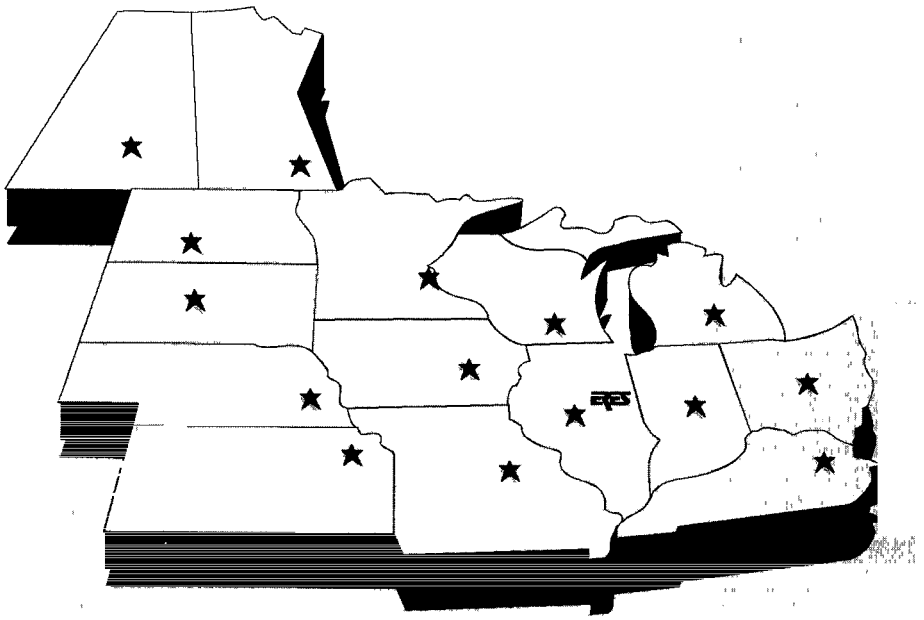
Construction Report for Ohio SPS-2

DTFH61-96-C-00013

September 28, 1998



LTPP

Submitted by

ERES CONSULTANTS, INC.

SPS-2 Construction Report
U.S. Highway 23, Northbound
Delaware County, Ohio
30 Miles North of Columbus, Ohio

Sections 390201 to 390212 and 390259 to 390265

Federal Highway Administration
LTPP Division
North Central Region

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September 28, 1998

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1

Project Overview

The SPS-2 experiment has been developed to study structural factors for rigid pavements. The objective of the study is to determine the influence of various factors on the long-term performance of rigid pavements. These factors include:

- In-pavement drainage systems
- Base type
- Concrete strength
- Pavement thickness
- Lane width

Other factors include load transfer, joint orientation, and reinforcement. Determining the influence of environmental region and soil type on these factors is another objective, with the goal of providing substantially improved methods for design and construction of new and reconstructed pavements.

Some of the products of this experiment will help accomplish the objectives of the Strategic Highway Research Program (SHRP) Long Term Pavement Performance (LTPP) project. The key products from the SPS-2 experiment will include an evaluation of the existing design methods, development of improved design equations for new and reconstructed pavements, determination of the effects of specific design features on pavement performance, and development of a comprehensive database for use by State and Provincial engineers and other researchers.

1.1 Experiment Cell

This SPS-2 experiment in Ohio is located in the dry-freeze environmental zone.

1.2 Project Location

The Ohio SPS-2 project is located on northbound U.S. 23 in Deleware Country, Ohio. This site is roughly 30 miles north of Columbus, Ohio. Attachment A is a project location map.

1.3 Project Layout

The Deleware Country SPS-2 site incorporates several Ohio DOT test sections in addition to the 12 SHRP sections. Attachment B contains the test section layout that summarizes PCC thickness and layer descriptions.

1.4 Traffic Characteristics

This four-lane section of U.S. 23 is classified as a rural arterial. Table 1 shows traffic data at the time of construction:

Table 1. Traffic data for Ohio SPS-2.

Current average daily traffic (1994)	20210 vehicles
Design year average daily traffic (2014)	30320 vehicles
Design period	20 years
Design hourly volume	2426 vehicles
Truck distribution	12%
Directional distribution	55%
Legal speed	55 miles per hour

The roadway is relatively straight and flat. The lanes are 12 ft wide with an outside shoulder of 10 ft, and an inside shoulder of 4 ft.

Table 2. Limits of Ohio SPS-2 test sections.

Test Section #	600-ft Test Section		500-ft Monitoring Section	
	Beginning Station	End Station	Beginning Section	End Station
390259*	265+00	271+00	265+50	270+50
390204	275+00	281+00	275+50	280+50
390212	293+50	299+50	294+00	299+00
390210	303+00	309+00	303+50	308+50
390260*	311+00	317+00	311+50	316+50
390202	318+50	324+50	319+00	324+00
390206	327+00	333+00	327+50	332+50
390205	335+25	341+25	335+75	340+75
390201	342+50	348+50	343+00	348+00
390209	349+75	355+75	350+25	355+25
390261*	357+25	363+25	357+75	362+75
390211	368+50	374+50	369+00	374+00
390265*	375+60	381+60	376+10	381+10
390203	383+50	389+50	384+00	389+00
390207	390+75	396+75	391+25	396+25
390208	397+25	403+25	397+75	402+75
390262*	404+75	410+75	405+25	410+25
390263*	414+00	420+00	414+50	419+50
390264*	422+00	428+00	422+50	427+50

* Ohio DOT sections. Other sections are SHRP sections.

1.5 Limits of Test Sections

Table 2 shows the limits of the test sections at this SPS-2 site. Note that sections marked by an asterisk are Ohio DOT sections.

1.6 Weather Monitoring

During construction a site was prepared between stations 391+00 and 392+00 for a weather monitoring station. This unit was installed in 1995.

1.7 Traffic Monitoring

A weight-in-motion (WIM) system was installed to classify all individual single/tandem wheels in all lanes of this section of U.S. 23. The WIM equipment used in this project was manufactured by Mettler-Toledo, Inc. Their address is:

60 Collegeview Road
Westerville, Ohio 43081
Phone: (614) 841-5110

The WIM scale (in each lane) consists of two weigh plate mounted in the pavement that cover the entire 12-ft lane width. The WIM device is located at station 367+00 in the northbound direction.

Instrumentation was also installed in each pavement layer to record load response parameters and environmental data. Load response data includes strain, deflection, and pressure. Environmental data include moisture conditions, freeze/thaw conditions, temperature of materials, and other parameters. These sensors will be located at instrumentation sites evenly located along the test site.

1.8 Personnel

North Central Regional Coordination Office:

Tom Wilson
Co-Principal Investigator
505 West University Avenue
Champaign, Illinois 61820
(217) 356-4500

Material Testing:
David Clausen
Braun Intertec Corporation
6875 Washington Avenue South
P.O. Box 39108
Minneapolis, MN 55439
(800) 279-6100

Field Sampling and Testing:
Brad Young, certified field crew chief
Roger Green
Ohio Department of Transportation
1600 West Broad Street
Room 2025
Columbus, Ohio 43223
(614) 275-1394

Contractors:
Hi-Way Paving Inc.
4343 Weaver Court North
Hilliard, Ohio 43026-1193
(614) 876-1700

1.9 Known Deviations From Guidelines

Attachment E contains project deviation reports filled out during and after construction.

1.10 Summary of Key Construction Equipment

Subgrade Preparation

- 22.1-ton sheepsfoot roller

Base Layer Preparation

- 16.5-ton single drum vibratory roller
- CMI trimming machine
- Drum mix plant
- Blaw Knox PF-200B paver
- 7.0-ton steel wheel tandem roller

Portland Concrete Layer Preparation

- CMI Gomaco GP2500 paver
- Portland cement concrete mix plant

Joint Preparation

- Pavement saw
- Air compressor

2

Project Details

2.1 Material Sampling and Testing

Locations of material sampling and field testing on each test section are given in attachment C. Samples for laboratory testing were sent to Braun Intertec, the University of Toledo, Ohio University, or the Ohio Department of Transportation.

All sampling and field testing in each layer was completed before construction began on the next layer. Elevation measurements were also taken on each layer. Data are given in attachment D.

2.2 Construction

Subgrade preparation for this project began in early fall of 1994 and paving operations were completed in October 1995.

2.3 Subgrade Preparation

A 22.1-ton sheepsfoot roller was used to compact the subgrade. The lift thickness was typically 12 in. No stabilizing agent was used.

2.4 Placement of Base Layers

Three different types of base layers were used in various combinations: unbound aggregate base, asphalt-treated base and portland cement concrete-treated base.

The unbound aggregate base layers ranged from 4 to 6 inches. Compaction was achieved using an Ingersoll-Rand 84-inch wide single drum vibratory roller with a gross weight of 16.5 tons. Typically, a nine inch lift thickness was used for 6-in layers, and a six-in lift was used for 4-in layers. Frequently this procedure resulted in a layer that was too thick. Therefore, a CMI trimming machine was used to achieve the proper layer thickness.

All permeable asphalt-treated base layers were 4 in thick. A Blaw-Knox PF200B was used for paving. The paver had a single pass lay down width of 12 ft and, typically, a first lift placement thickness of 5 to 6 in. This lift was compacted by a 7-ton steel-wheel tandem roller with roughly 15 passes. The asphalt was obtained from the Stonco plant located 25 miles from the test site.

Six of the test sections contained a cement-treated base layer. This breaks down to four SHRP sections with a lean concrete base and two Ohio DOT sections with a cement-treated free drainage base.

The lean concrete base (LCB) layers contain a mix design as shown in table 3. They were paved with a Gomaco GP2500 slip form paver and spreader. This machine has a 26-ft wide lay down width. The concrete was obtained from a Hi-Way paving concrete plant located roughly a mile from the test sections. Material consolidation was achieved using internal vibrators placed 2 in below the surface. Finishing was done by screeding, and a membrane curing compound was placed on the LCB.

The concrete-treated free drainage base mix design is also shown in table 3. These sections were paved with a CMI slip form paver with a lay down width of 31 ft. Vibrating screeds were used for consolidation of materials. Curing was achieved by white polyethylene sheeting and finishing was done by screeding.

Table 3. Mix Designs for Base Layers.

Mix design (oven dried weight per cubic yard)	Lean concrete base*	Concrete treated free drainage base**
Coarse aggregate (lb)	1943	2515
Fine aggregate (lb)	1419	0
Cement (lb)	160	250
Water (lb)	235	85
Admixtures	WRDA 82 (4.8 ounces)	None

* Sections 390205, 390206, 390207 and 390208.
** Sections 390261 and 390262.

2.5 Mix Designs and Concrete Paving

Two different mix designs were used in this SPS-2 project. All used a Type I portland cement. The coarse aggregate was made of 100 percent crushed stone, and the fine aggregate was composed of 100 percent manufactured sand. Odd-numbered SHRP sections received one of the mix designs, and even-numbered sections received the other. Table 4 summarizes the mix designs.

Table 4. Mix Designs Used in Ohio SPS-2 Project.

Pounds per Cubic Yard	Odd Numbered SHRP Sections	Even Numbered SHRP Sections
Coarse aggregate	1680	1850
Fine aggregate	1260	950
Cement	510	750
Water	240	270
Admixtures		
Daravair air entraining (oz)	7.2 - 9.6	8.0 – 12.7
WRDA-82 water reducer (oz)	18	26.3 – 36.8
Fly ash Type C (lb)	90	113

*In section 390204, 26.0 ounces of Daratard retarding admixture was used.
*In section 390212, 17.7 ounces of Daratard retarding admixture was used.

A CMI Gamaco GP2500 slip form paver paved the PCC layer. The width paved in one pass, varied from 24 to 26 ft. The cement mixture was consolidated using internal vibrators. Vibrators were placed 4 to 5 in below the surface approximately 12 to 18 in apart. Finishing was done by screeding, and a membrane curing compound was used. The surface was textured using a tine.

Transverse joints were formed by sawing and spaced 15 ft apart with no skewness. Round dowels coated with epoxy were preplaced on baskets in order to be installed. The dowels used are 12 inches in length and spaced eighteen in apart. Dowel alignment was checked before placement. Table 5 shows the depth of sawcuts and diameters of dowel bars used. Transverse joints were sealed using a low-modulus silicone. A backer rod was used to create a joint sealant reservoir .5 in wide and 1 in deep.

Table 5. Sawcut Depths and Dowel Bar Diameter by Section.

Section	Sawcut depth, in	Dowel bar diameter, in
1, 2, 5, 6, 9, 10	2.5 (average)	1.25
3, 4, 7, 8, 11, 12, 59 to 65	3.5 (average)	1.5

All test sections were profiled with a California type profilograph. A computer was used for interpretation. Surface profiles were corrected by diamond grinding in order to meet project smoothness requirements.

Attachment A

Project Location

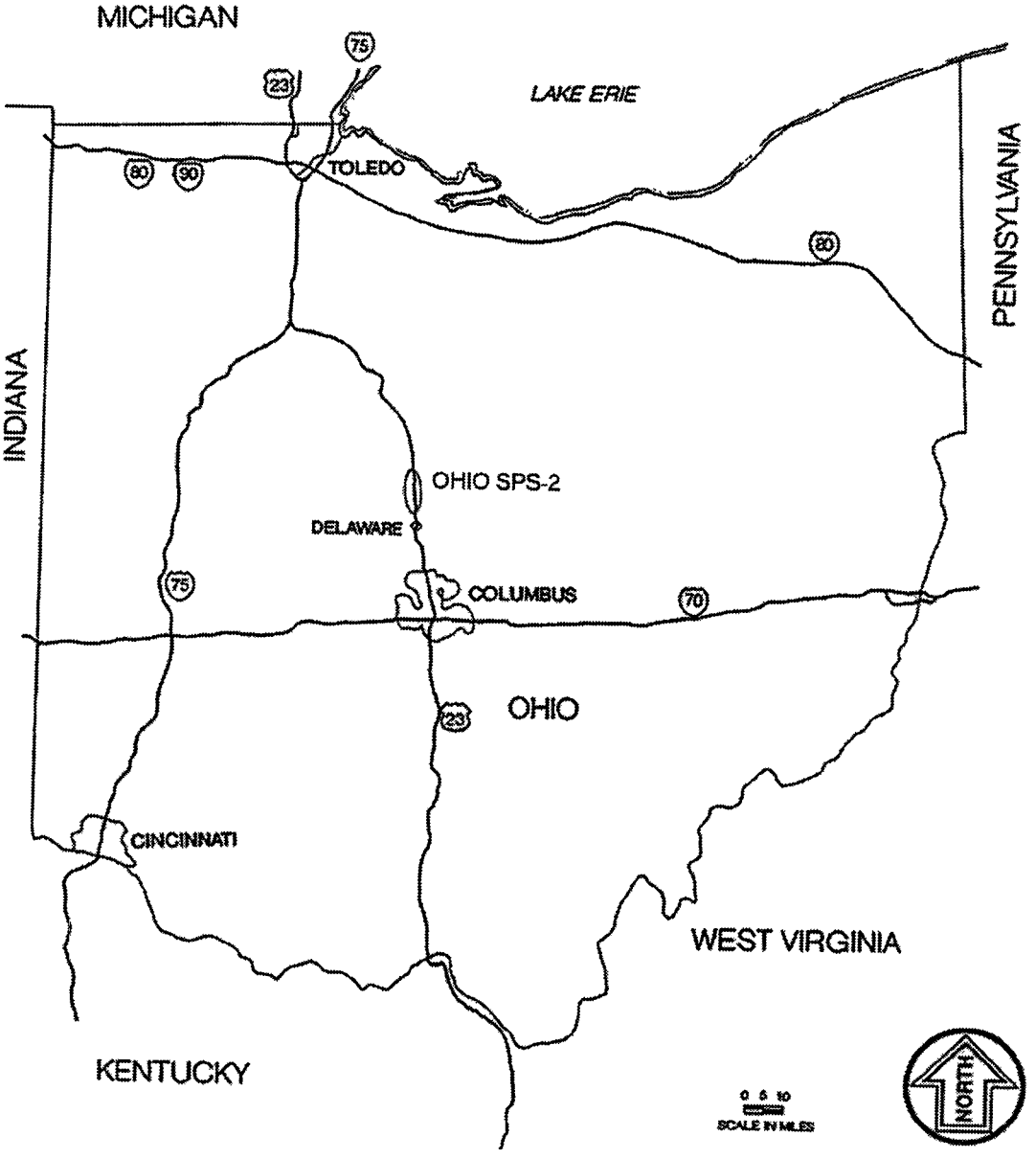


Figure A-1. General Project Location.

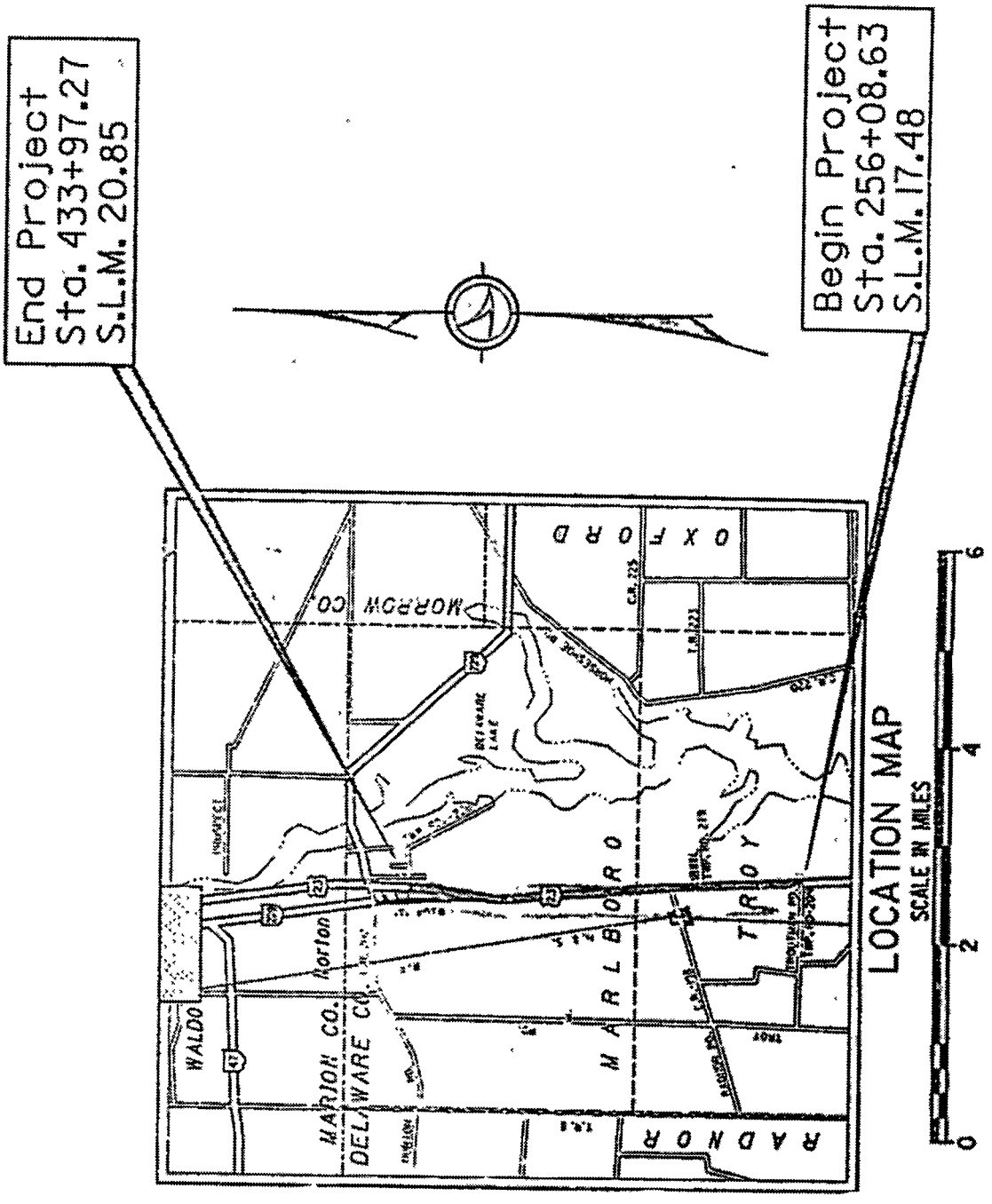
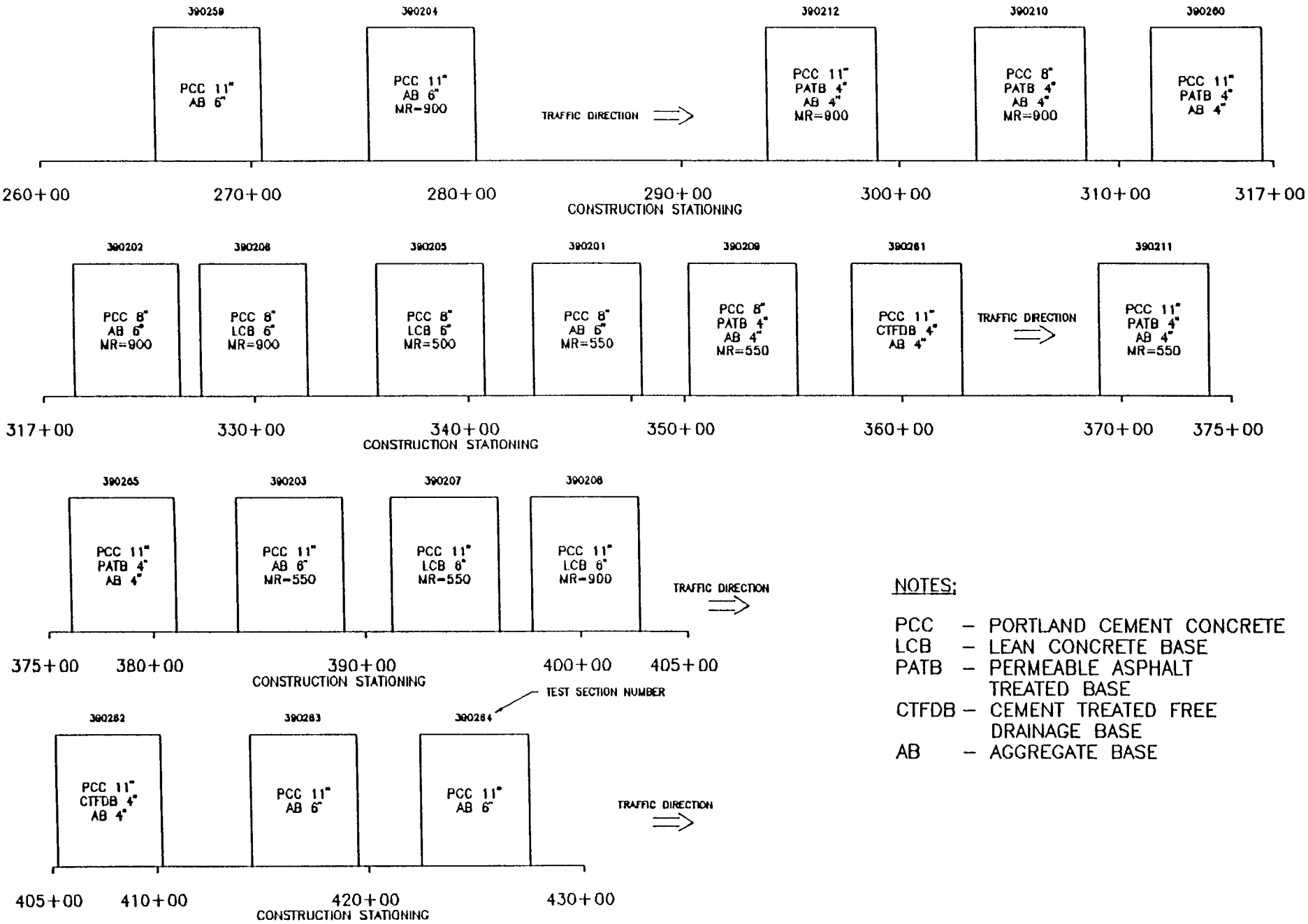


Figure A-2. Detailed Project Location.

Attachment B

Site Layout



NOTES:

PCC – PORTLAND CEMENT CONCRETE
LCB – LEAN CONCRETE BASE
PATB – PERMEABLE ASPHALT TREATED BASE
CTFDB – CEMENT TREATED FREE DRAINAGE BASE
AB – AGGREGATE BASE

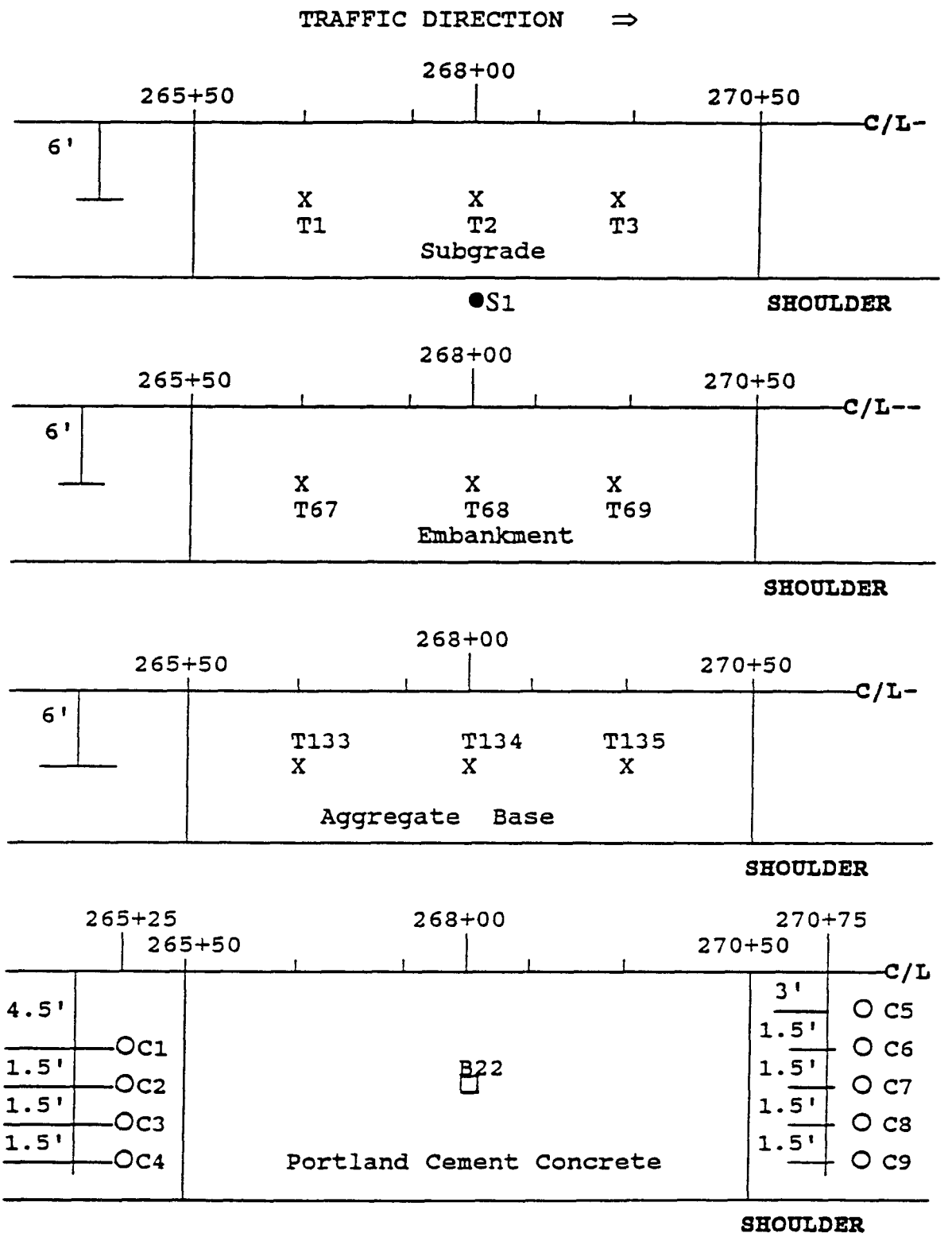
Figure B-1. Ohio SPS-2 Site Layout.

Attachment C

Material Sampling and Testing Plan

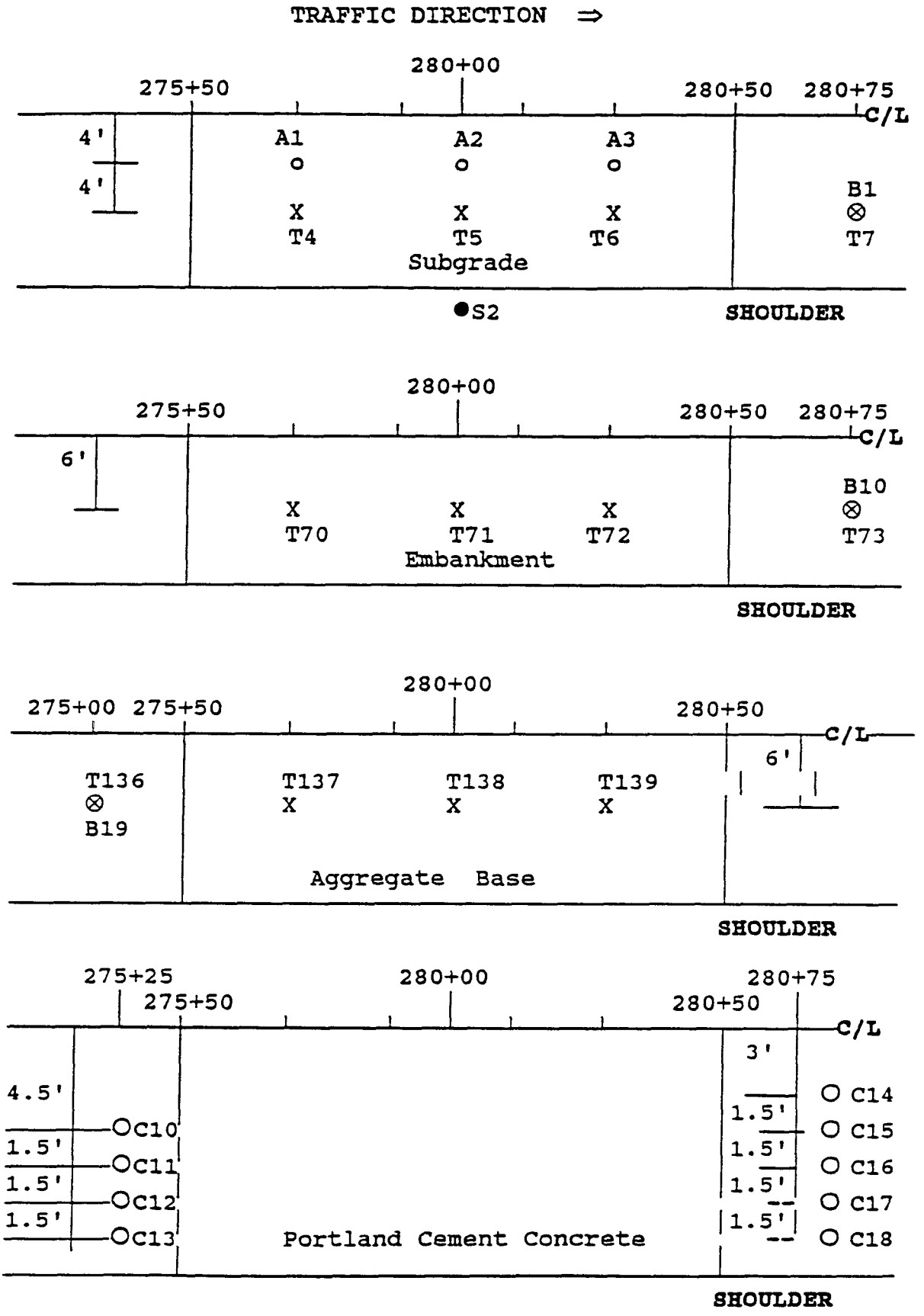
T1-T132	In-place Density and Moisture Tests
P1-P8	Plate Bearing Tests
S1-S10	Shoulder Probes
A1-A27	Shelby Tube Sampling
B1-B9	Bulk Samples and Moisture Samples from Subgrade
B10-B18	Bulk Samples and Moisture Samples from Embankment
B19, B20, B22 B23, B25	Bulk Samples and Moisture Samples from Aggregate Base
B21, B24	Bulk Samples of Lean Concrete Base
B26-B29	Bulk Samples of Permeable Asphalt-Treated Base
B30-B38	Bulk Samples of Portland Cement Concrete
C1-C152	Four-inch (4") Diameter Cores from PCC Surface (and, where indicated, from the LCB)

Figure C-1. Legend for Figures C-2 to C-20.



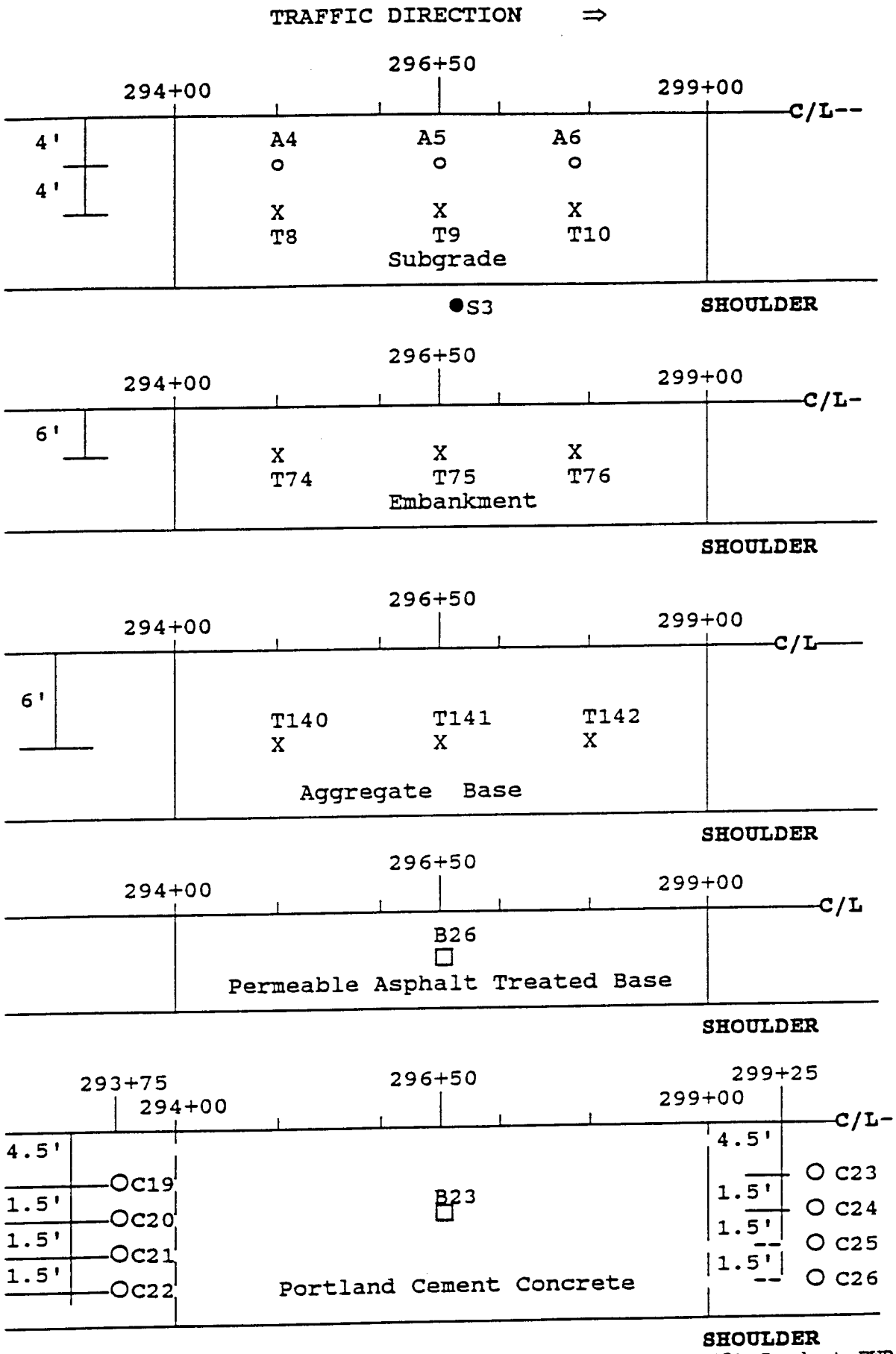
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-2. Sampling and Testing for Section 390259.



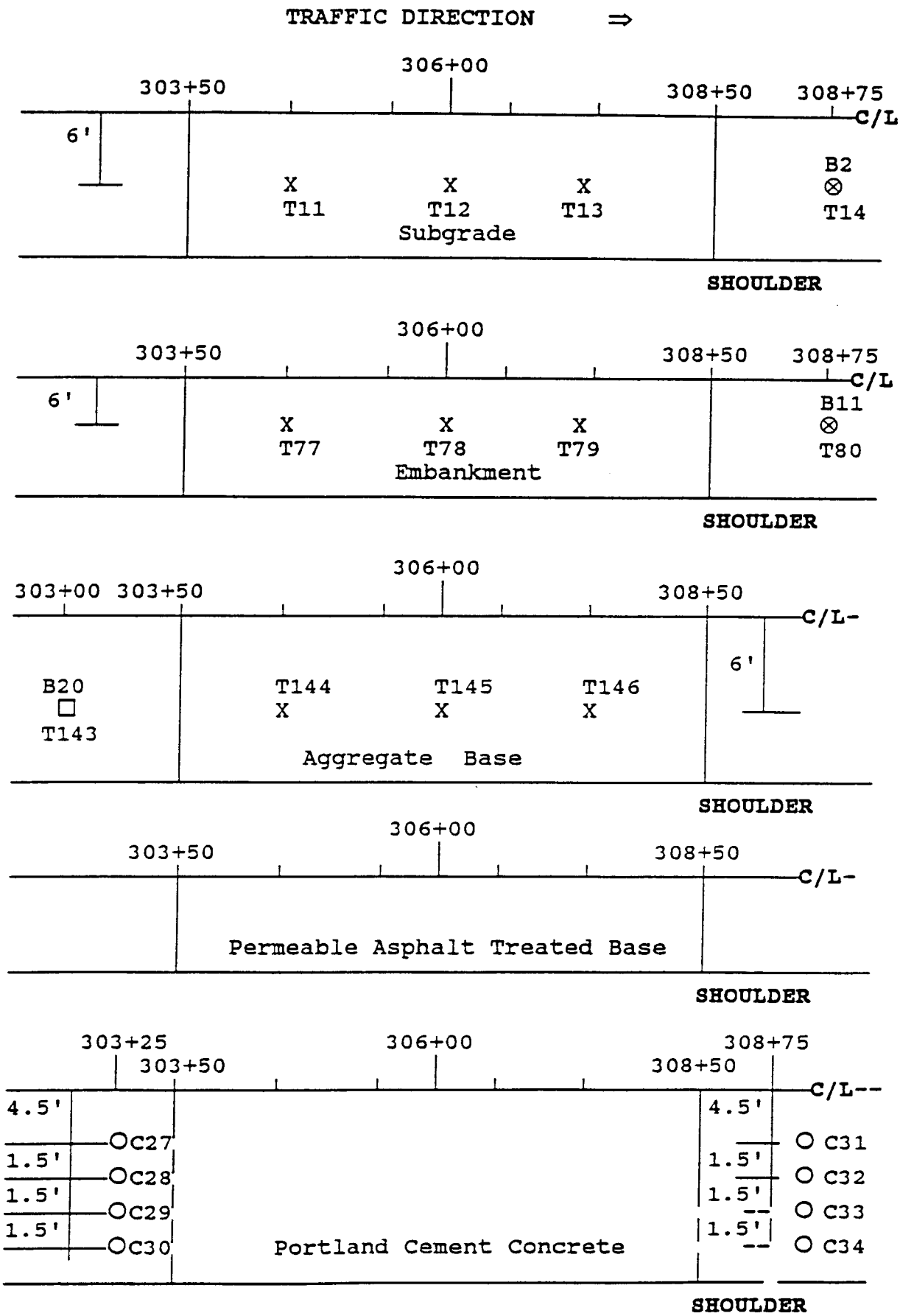
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain Cores at specified times.

Figure C-3. Sampling and Testing for Section 390204.



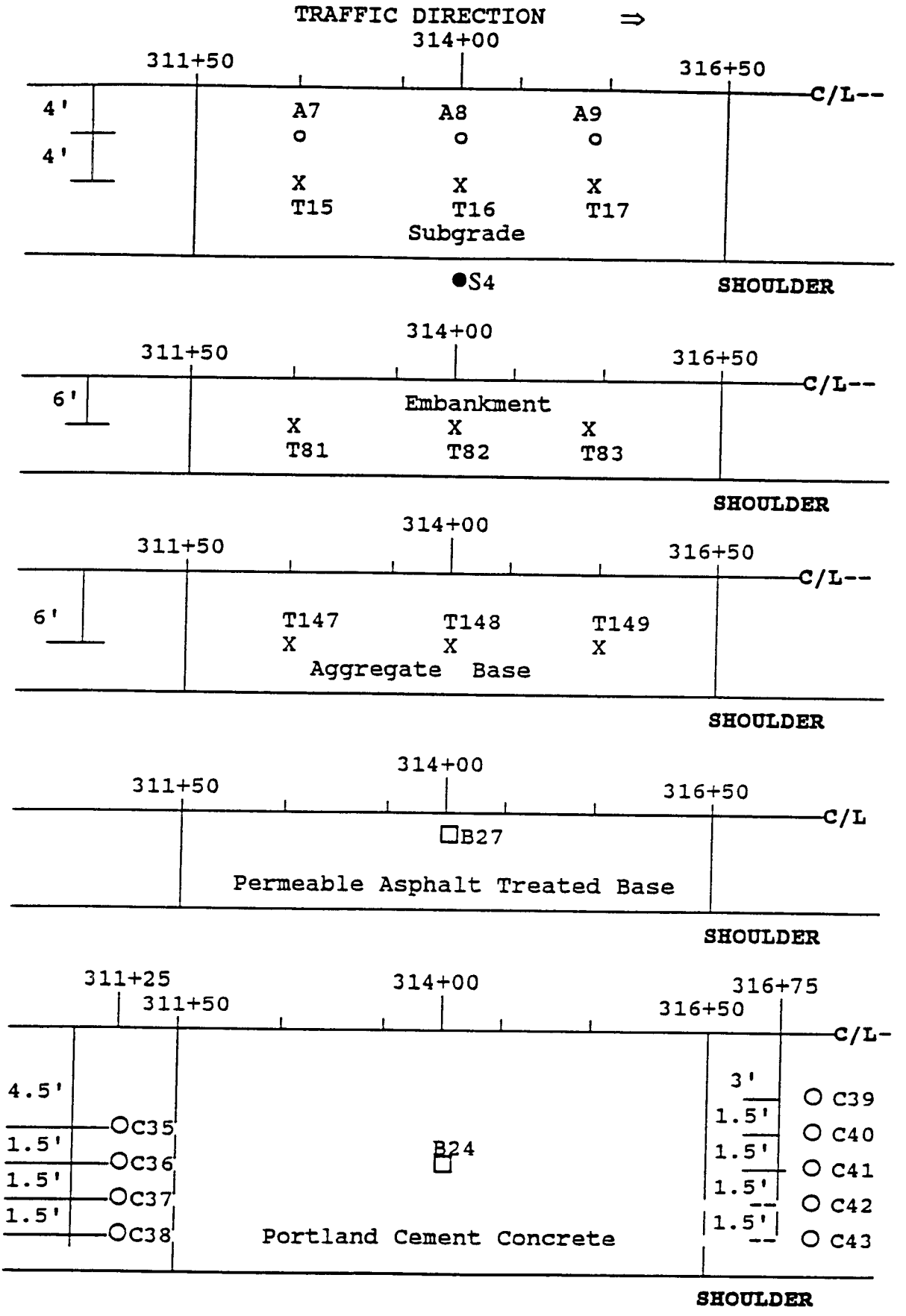
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-4. Sampling and Testing for Section 390212.



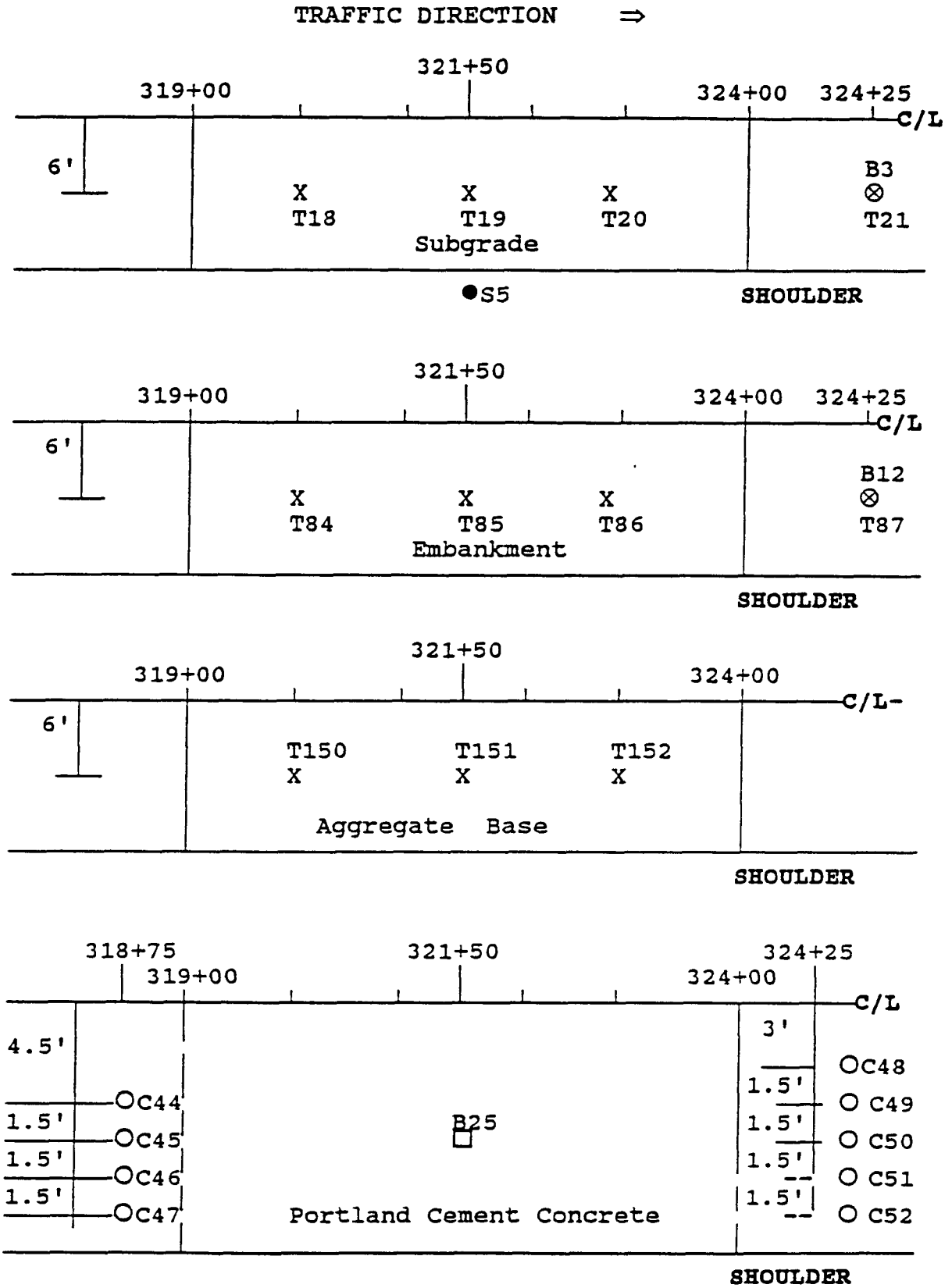
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-5. Sampling and Testing for Section 390210.



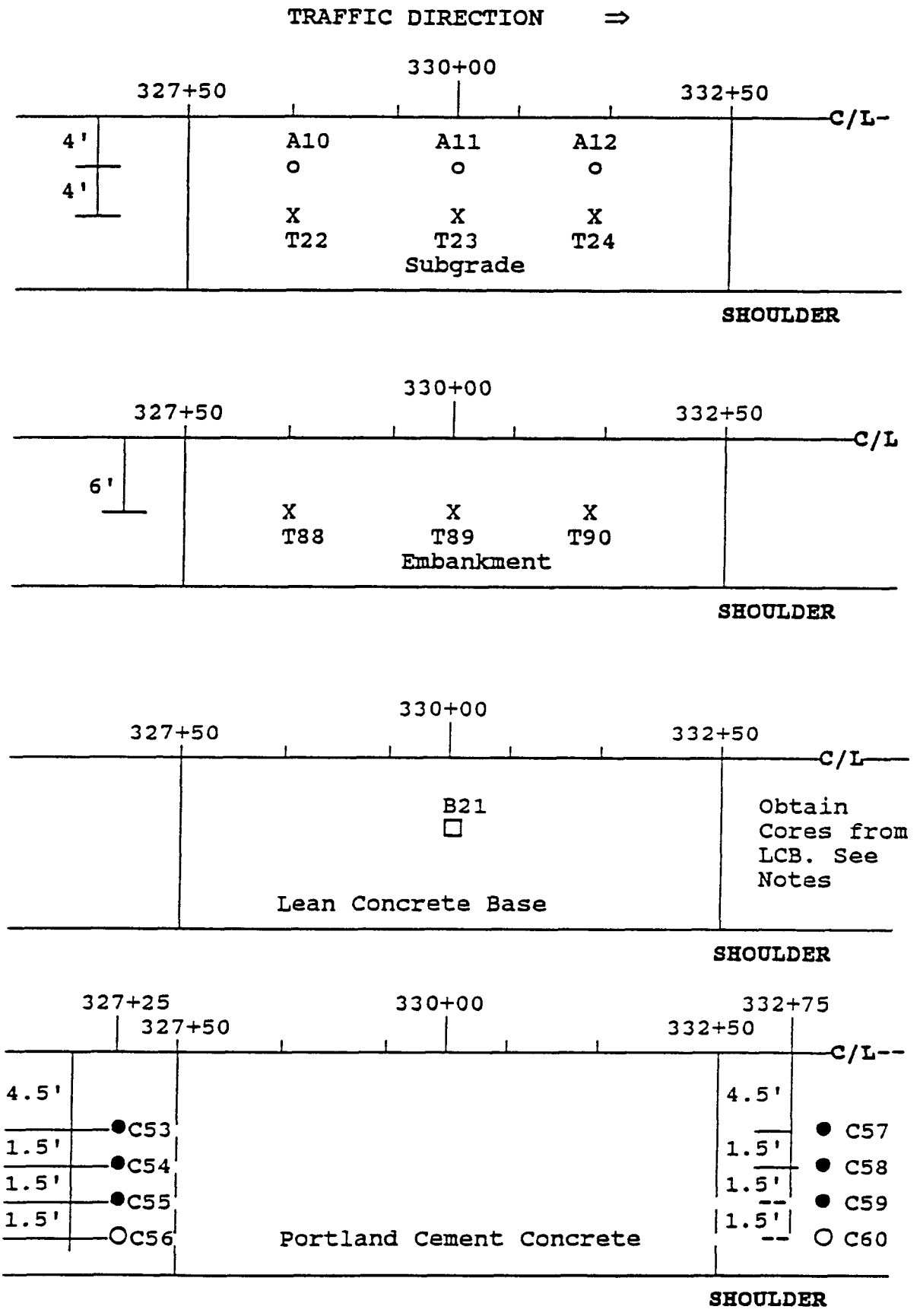
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-6. Sampling and Testing for Section 390260.



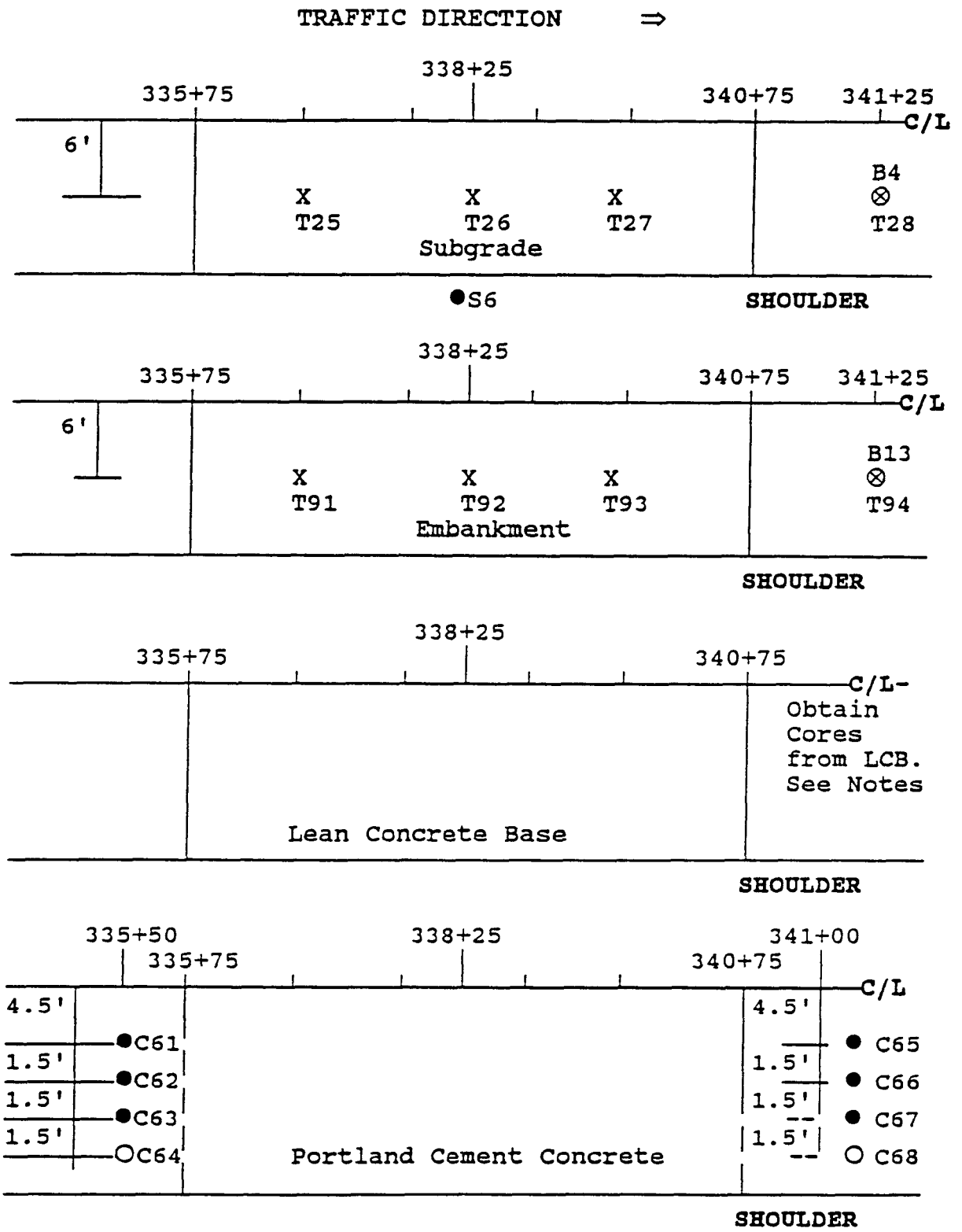
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-7. Sampling and Testing for Section 390202.



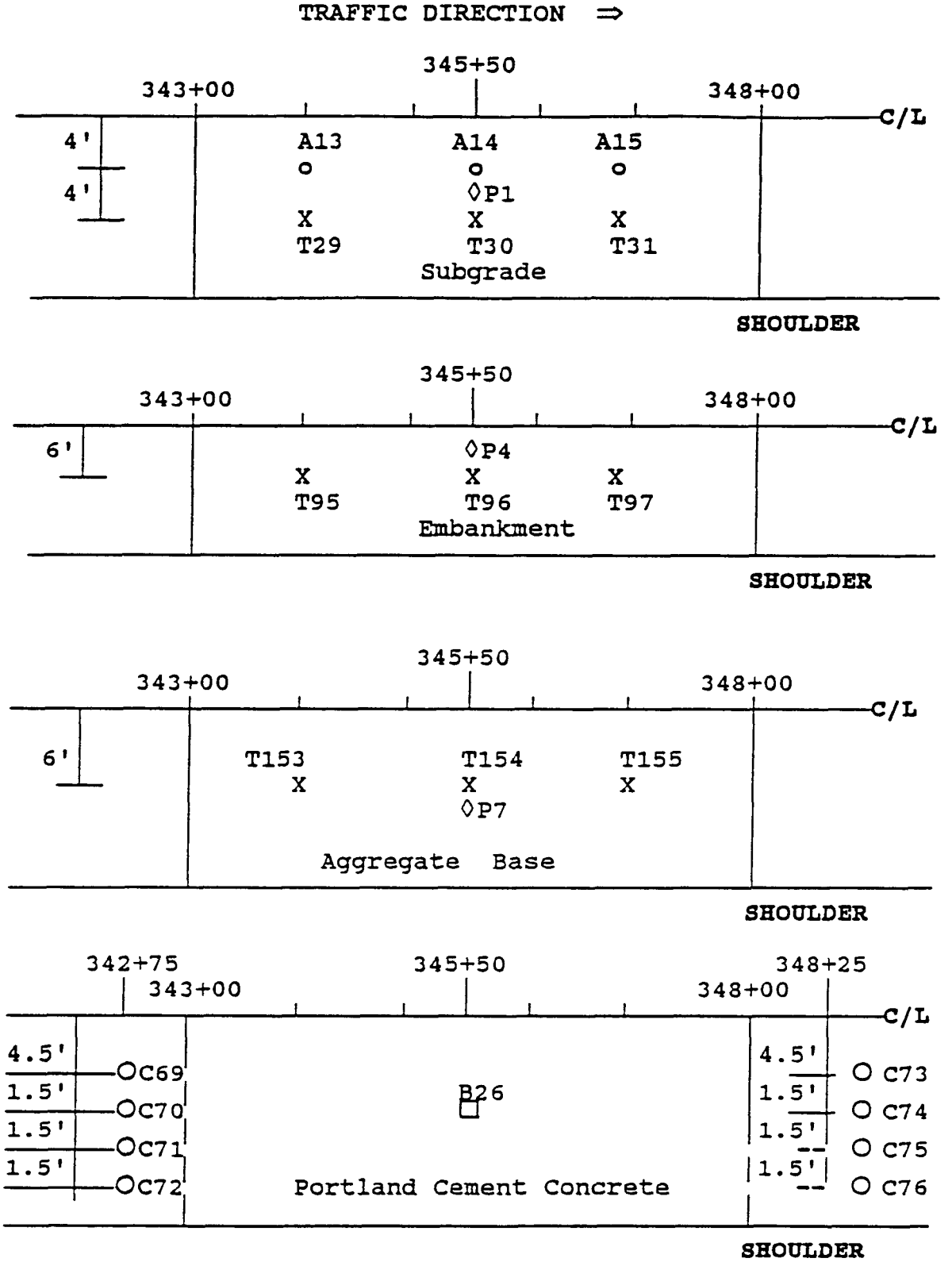
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain Cores from LCB at all locations marked with '●' on PCC. (4) Obtain cores at specified times

Figure C-8. Sampling and Testing for Section 390206.



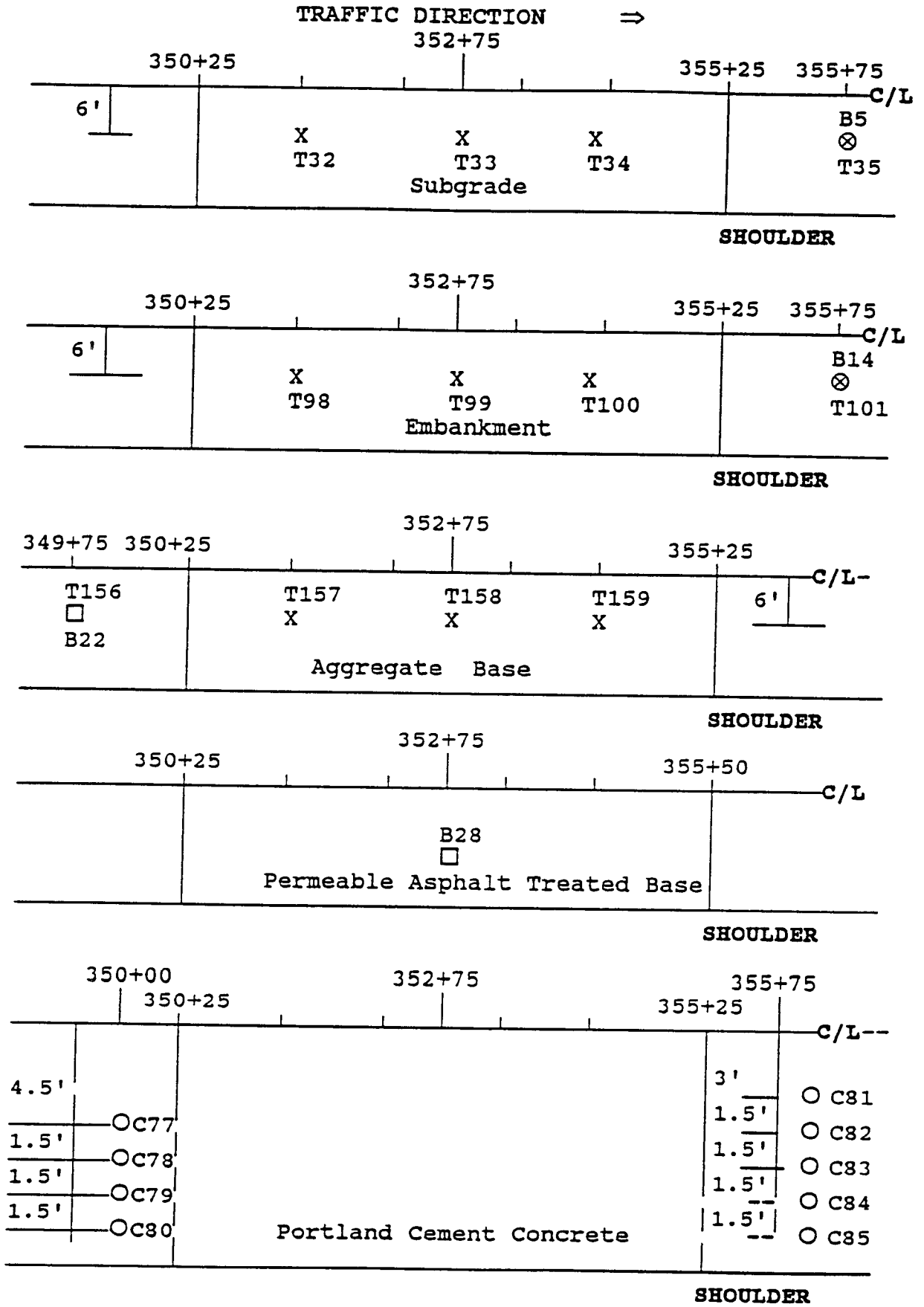
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain Cores from LCB at all locations marked with '●' on PCC. (4) Obtain cores at specified time

Figure C-9. Sampling and Testing for Section 390205.



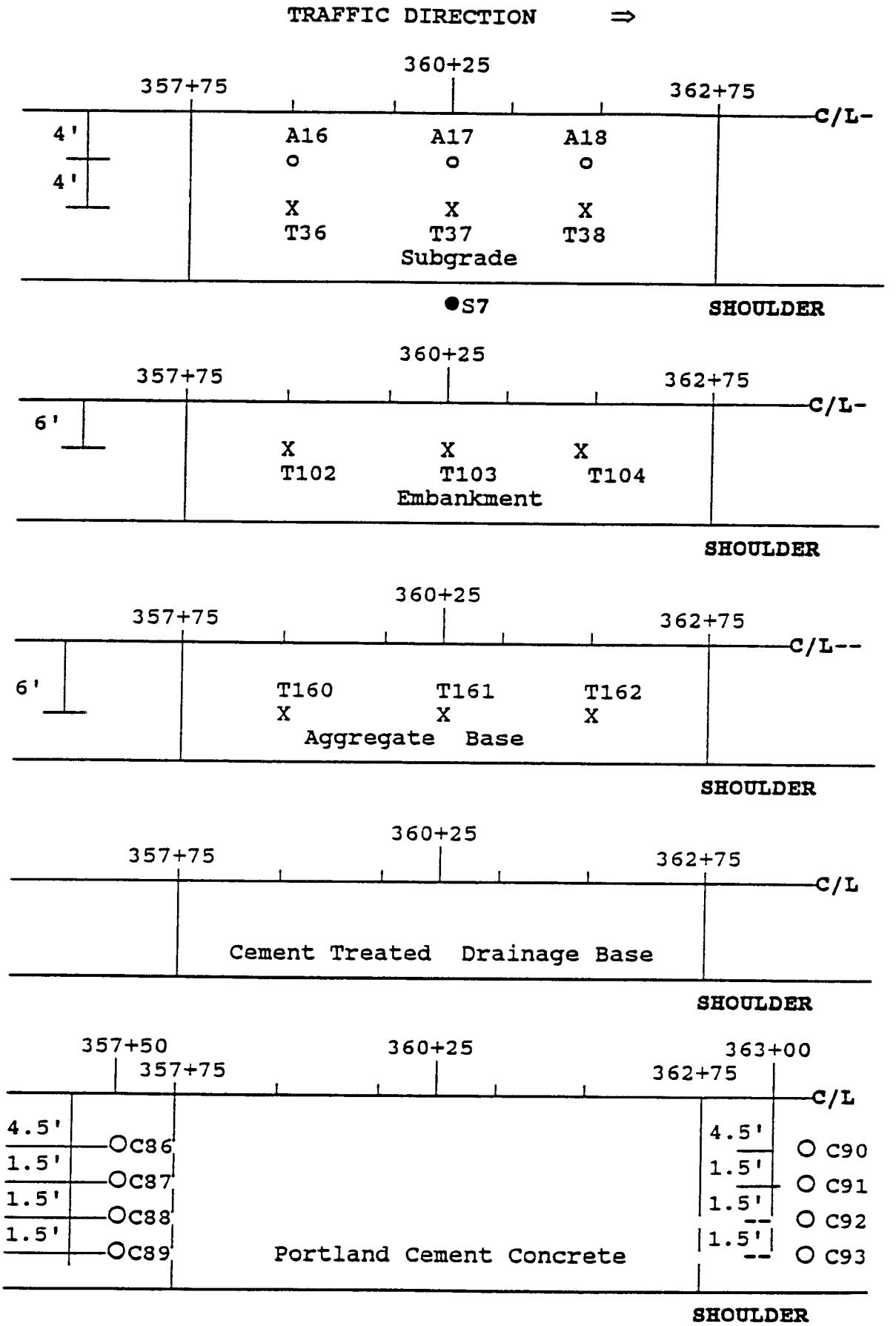
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-10. Sampling and Testing for Section 390201.



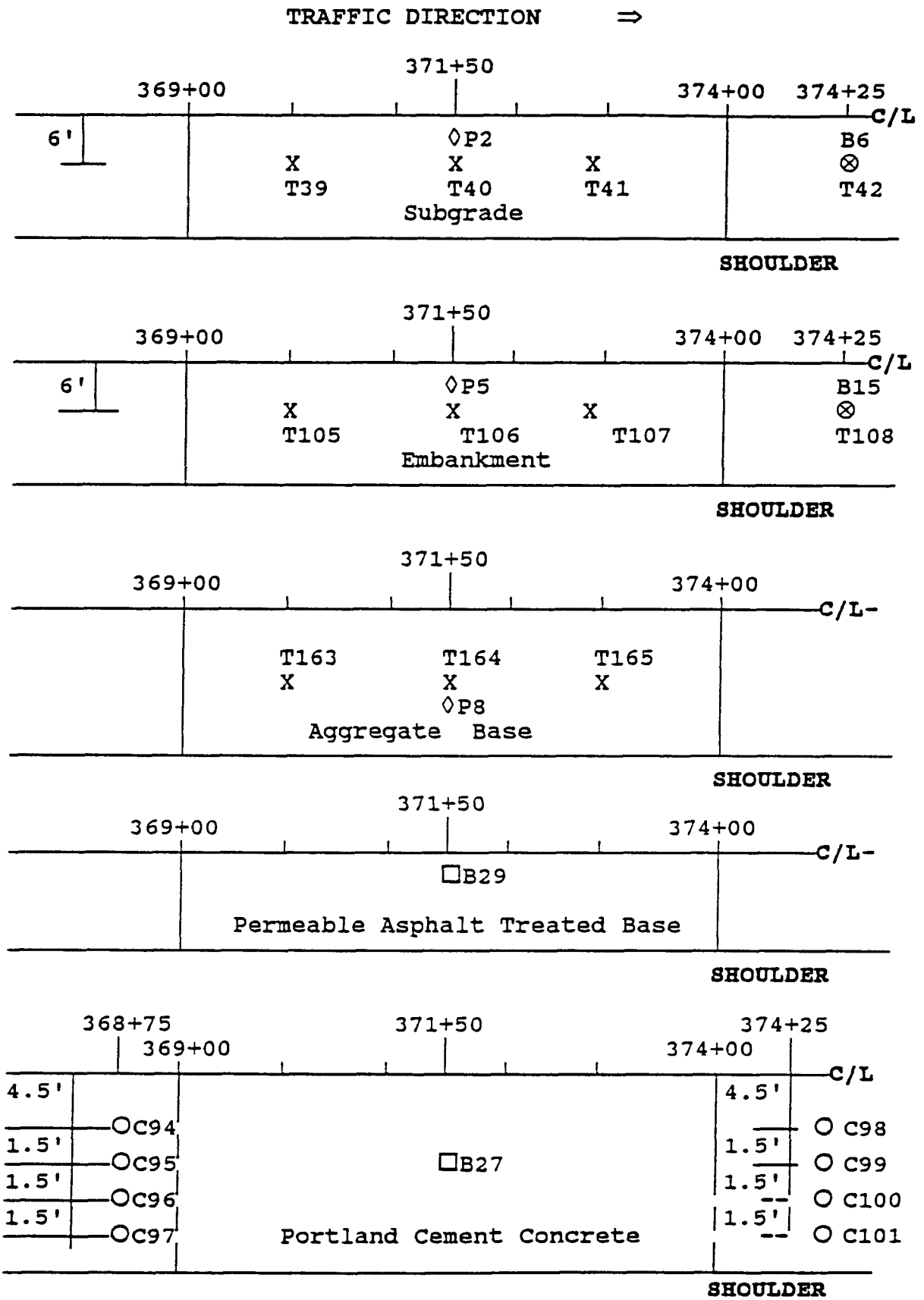
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-11. Sampling and Testing for Section 390209.



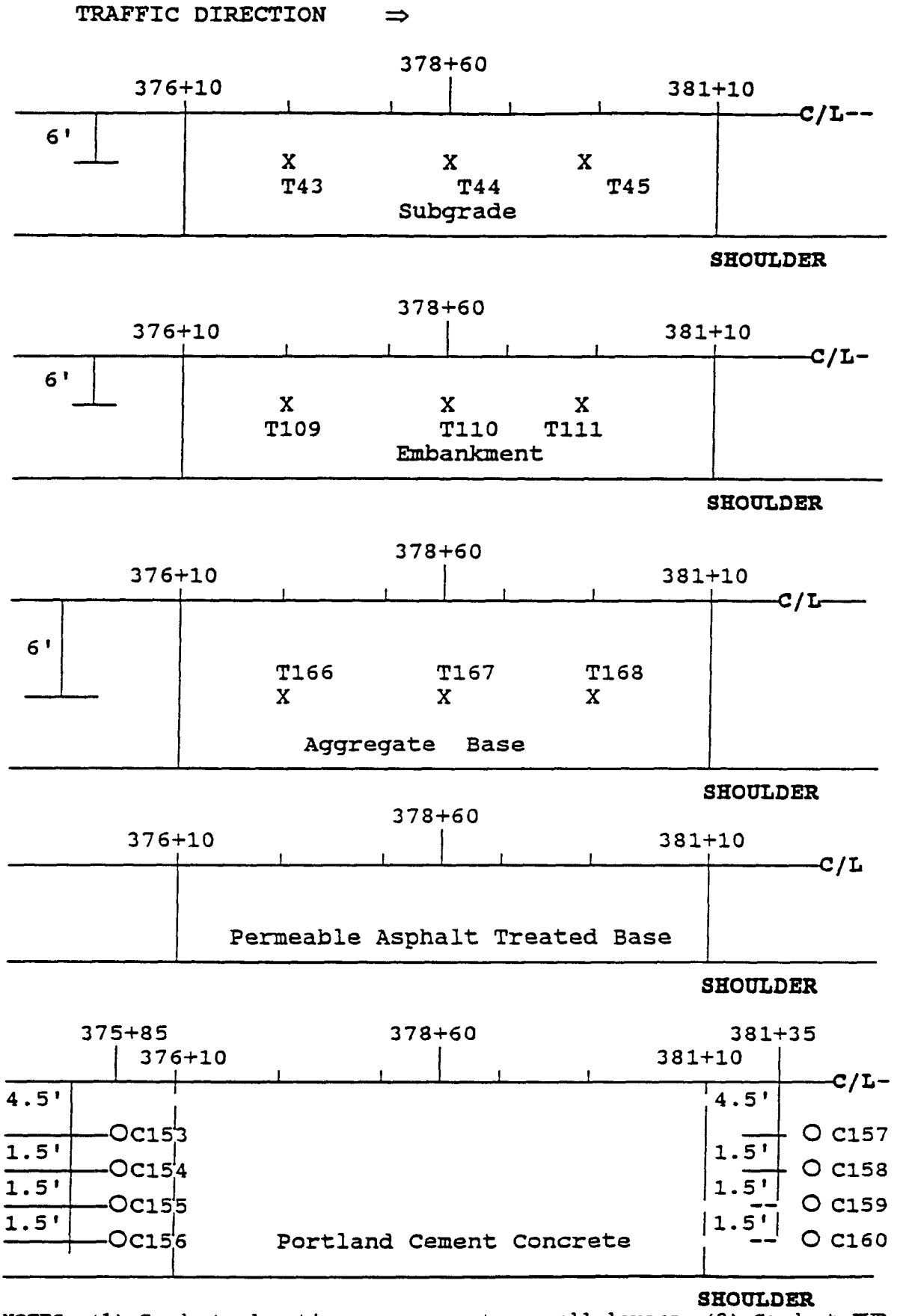
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-12. Sampling and Testing for Section 390261.



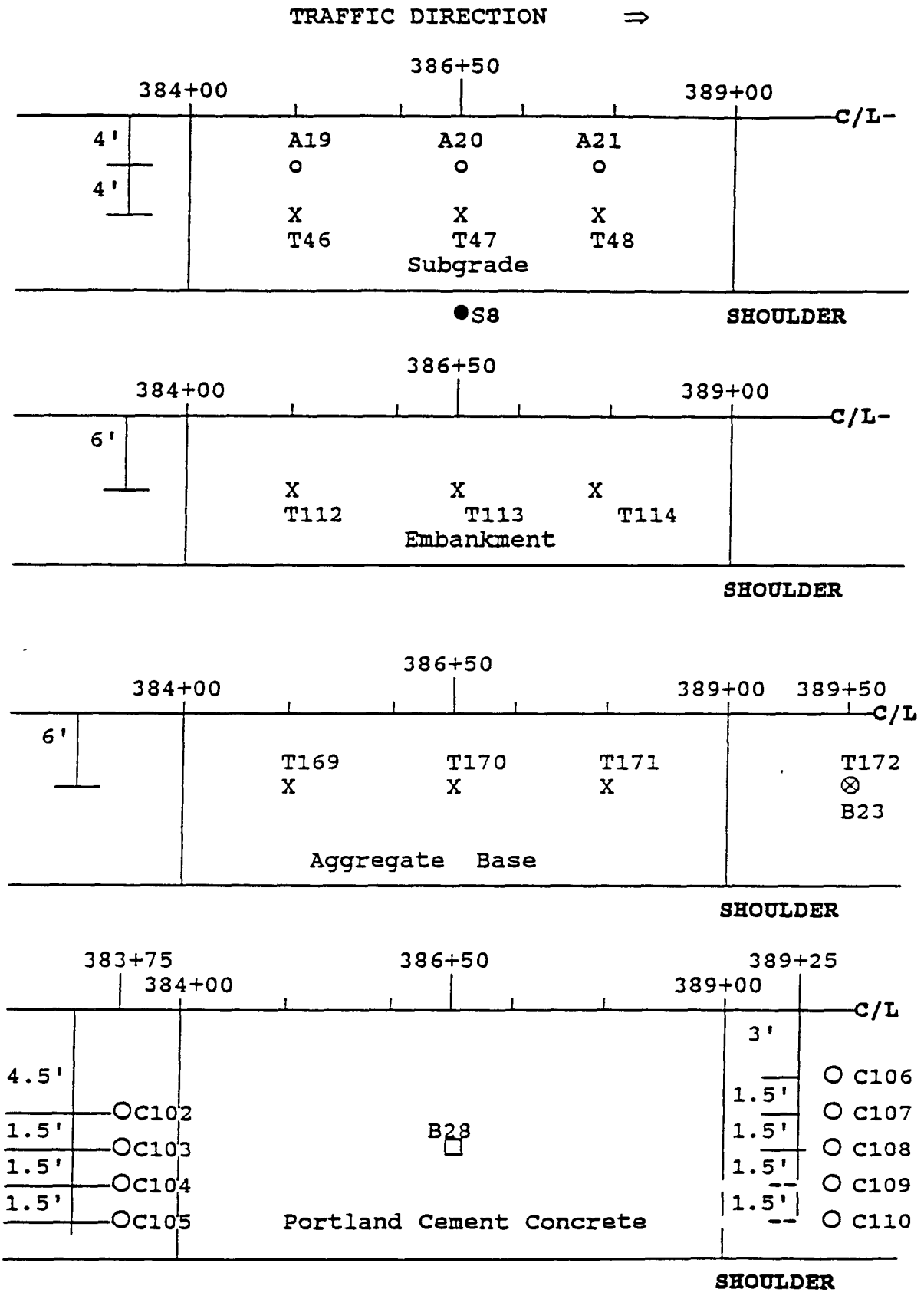
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-13. Sampling and Testing for Section 390211.



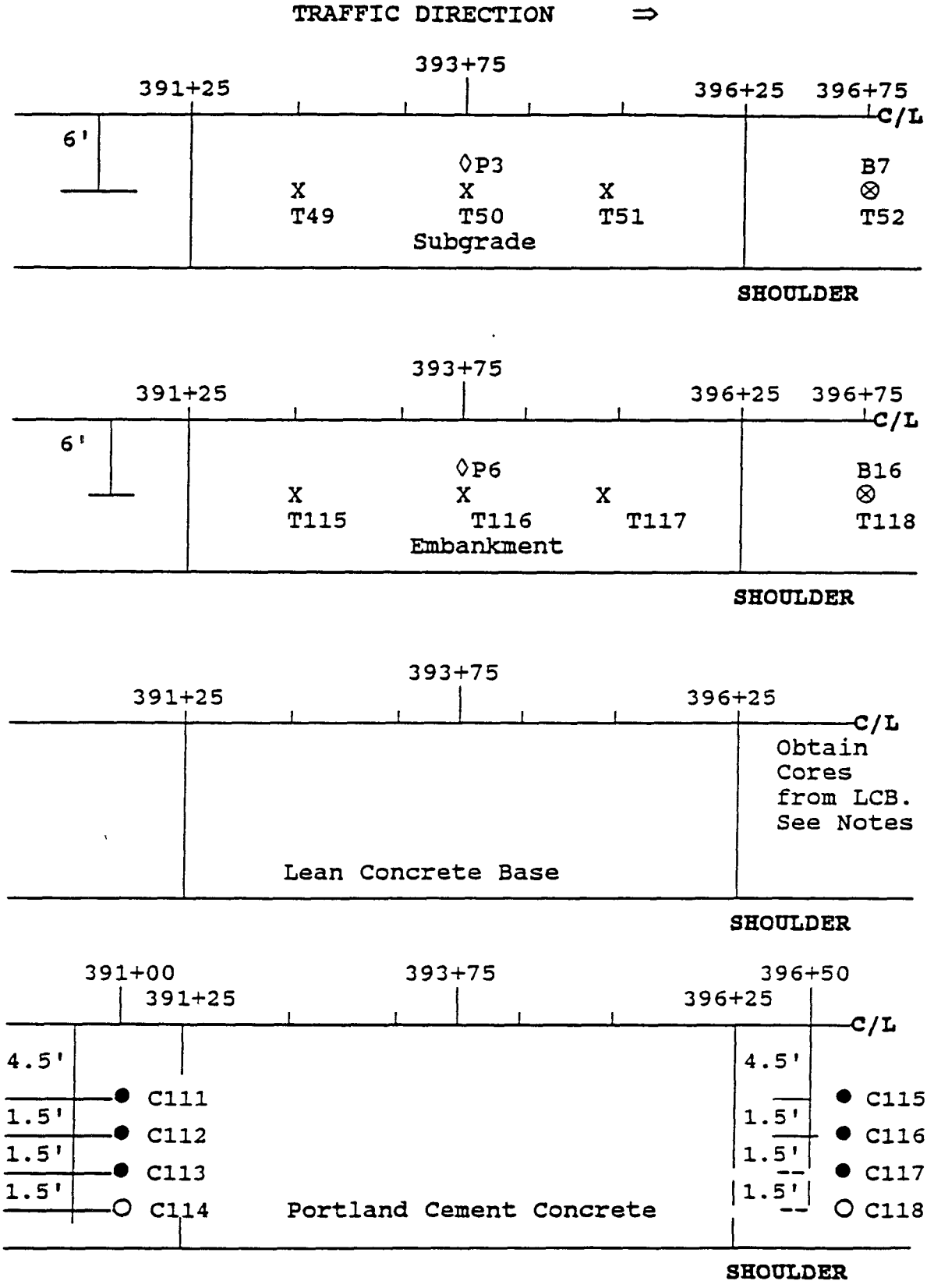
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-14. Sampling and Testing for Section 390265.



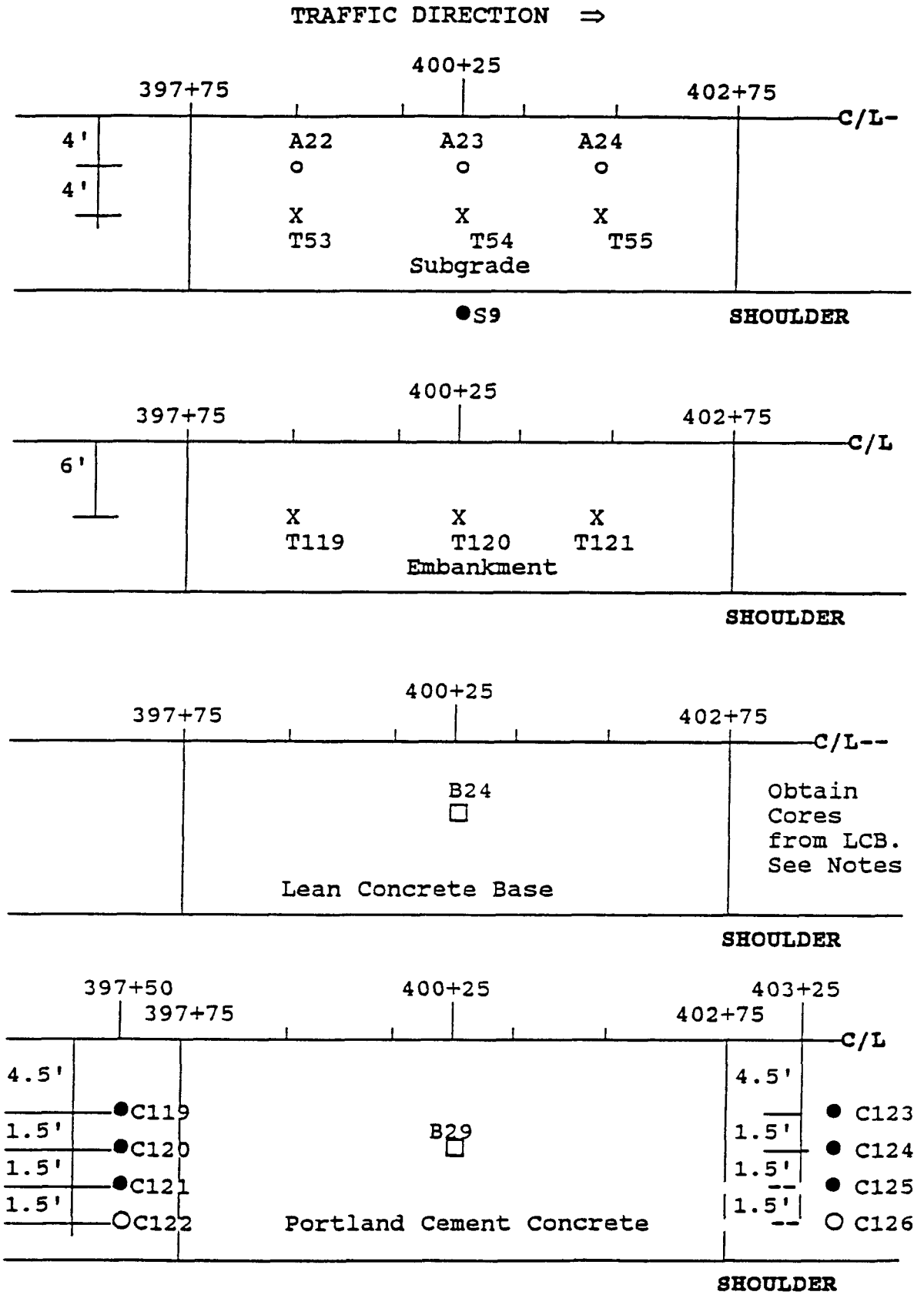
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-15. Sampling and Testing for Section 390203.



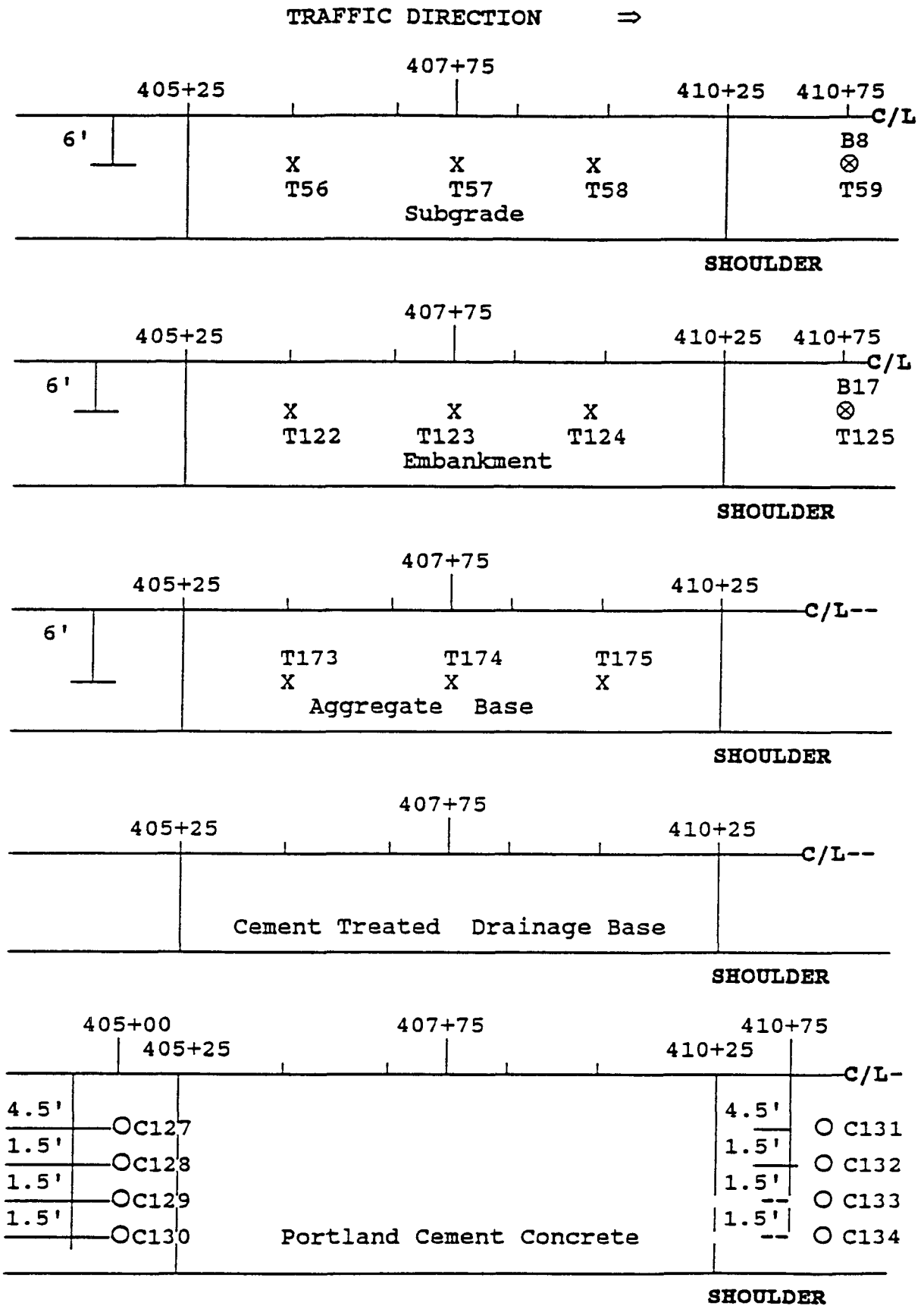
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain Cores from LCB at all locations marked with '●' on PCC. (4) Obtain cores at specified times.

Figure C-16. Sampling and Testing for Section 390207.



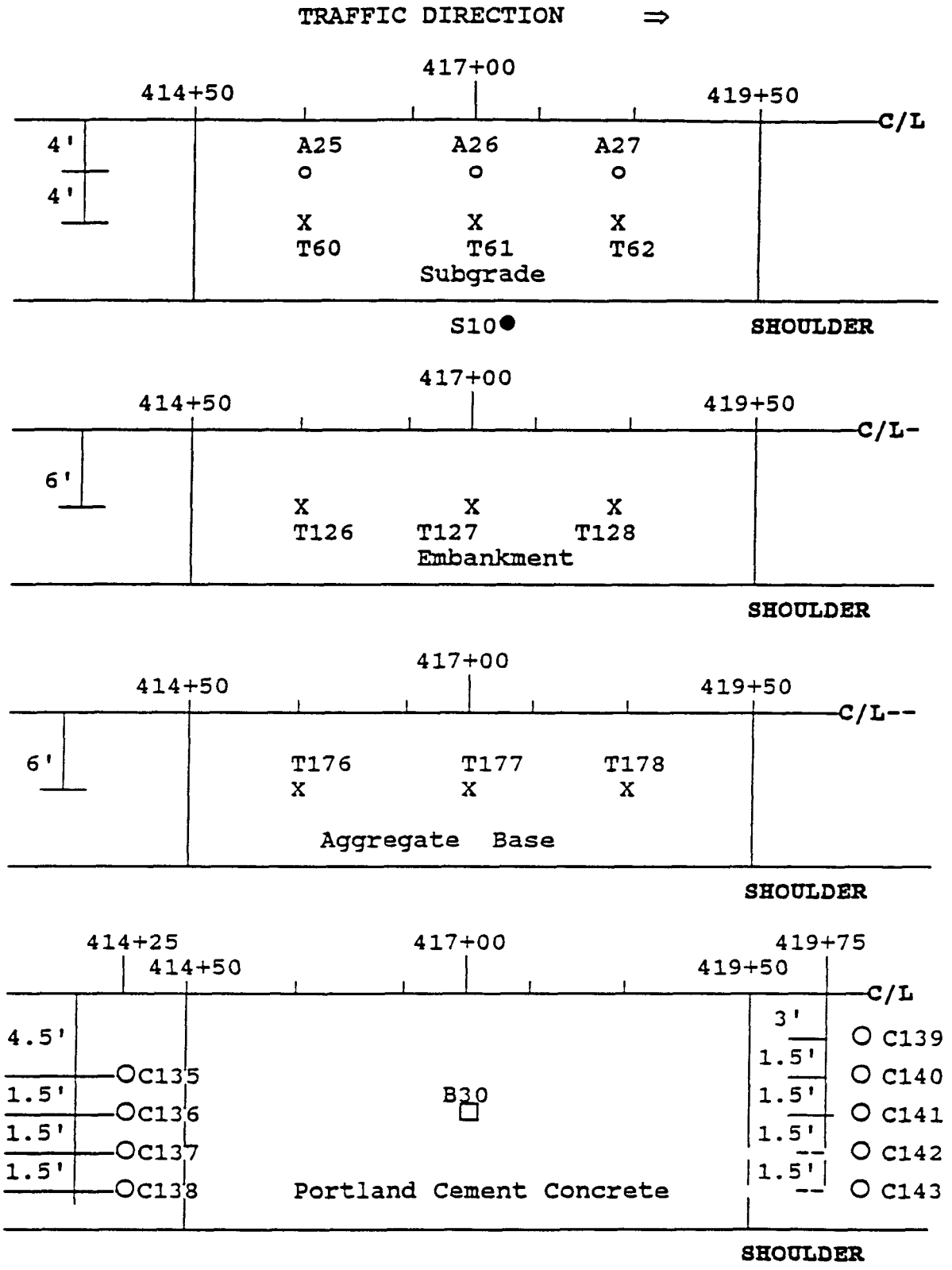
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain Cores from LCB at all locations marked with '●' on PCC. (4) Obtain cores at specified times.

Figure C-17. Sampling and Testing for Section 390208.



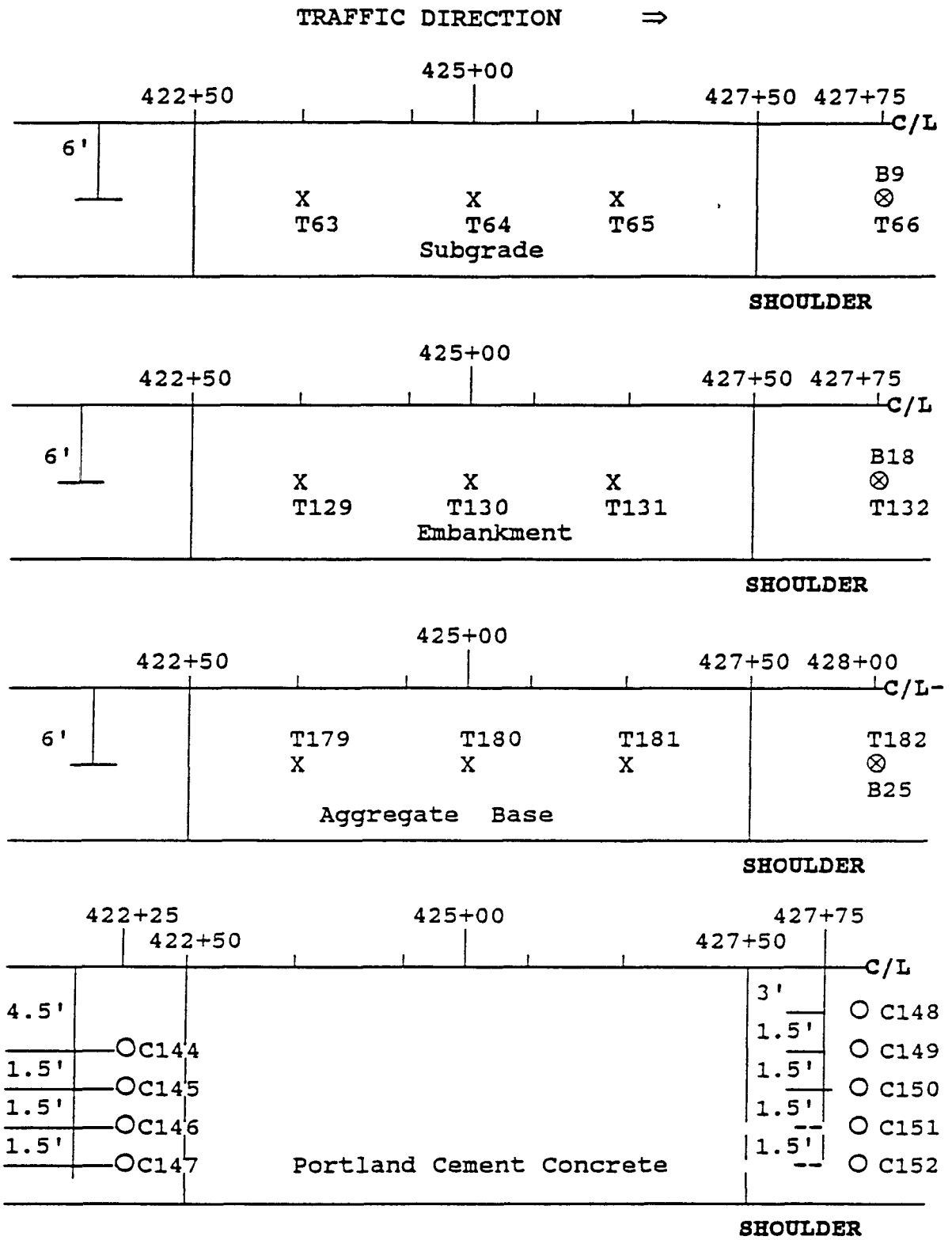
NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-18. Sampling and Testing for Section 390262.



NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-19. Sampling and Testing for Section 390263.



NOTES: (1) Conduct elevation measurements on all layers. (2) Conduct FWD testing on all layers except PCC (3) Obtain cores at specified times

Figure C-20. Sampling and Testing for Section 390264.

Attachment D

Layer Elevation and Thickness Measurements

			ELEVATIONS (9 ft.)						LAYER THICKNESS (in.)	
Project Sta.	SHRP Sta.	Offset from c/l (in.)	Subgrade shot	Subgrade plan	6"DGAB shot	6"DGAB plan	11"PCC shot	11"PCC plan	6"DGAB	11"PCC
265+25	0-25	0	49 76	49 78	50 30	50 26	[illegible]	51 22	6.48	10.44
		36	49 70	49 73	[illegible]	50 20	51 13	51 17	6.60	10.56
		72	49 65	49 68	[illegible]	50.15	51 09	51 12	6.60	10.68
		108	[illegible]	49 64	[illegible]	50 09	51 07	51.08	6.84	10.92
		144	[illegible]	49 59	[illegible]	50 03	51 02	51 05	7 20	10 68
265+50	0+00	0	49 73	49 74	50 25	50 23	51 17	51.17	6.24	11.04
		36	49 67	49 69	50 19	50 17	51 12	51 11	6 24	11.16
		72	49 65	49.64	50.17	50 15	51 08	51.09	6.24	10.92
		108	49 58	49 60	[illegible]	50 08	51 04	51 07	6.84	10.68
		144	49 52	49 55	[illegible]	50.02	50 99	51.01	6 84	10 8
266+00	0+50	0	49 62	49 64	50 15	50 12	51.05	51.07	6.36	10 8
		36	49 57	49 59	50.11	50 07	50 99	51 03	6.48	10.56
		72	49 51	49 54	[illegible]	50.01	[illegible]	50 99	6.72	10.44
		108	49 46	49.50	49 99	49 96	50 90	50 91	6.36	10.92
		144	49 44	49 45	49 92	49 94	50 85	50 84	5 76	11.16
266+50	1+00	0	49 52	49.55	50 02	50 02	50 95	50 94	6.00	11.16
		36	49 48	49 50	49 97	49 98	50 90	50 89	5.88	11.16
		72	49 43	49 45	49 95	49 93	50 86	50 87	6 24	10.92
		108	49 38	49.41	49 89	49 88	50 83	50 81	6.12	11.28
		144	[illegible]	49 36	49 82	49 80	50 77	50 74	6 24	11 4
267+00	1+50	0	49 52	49 54	50 04	50.02	51 00	50 96	6.24	11.52
		36	49 47	49 49	50 00	49 97	50 93	50 92	6.36	11.16
		72	49 41	49 44	49 95	49 91	50 88	50 87	6.48	11.16
		108	49 37	49 40	49 90	49 87	50 83	50.82	6.36	11.16
		144	49 32	49 35	49 83	49 82	50 76	50 75	6 12	11.16
267+50	2+00	0	49 51	49 53	50 05	50.01	50 96	50 97	6 48	10.92
		36	49 48	49 48	49 99	49 98	50 91	50 91	6.12	11.04
		72	49 42	49 43	49 94	49 92	50 86	50 86	6.24	11.04
		108	49 38	49 39	49 91	49 88	50 81	50 83	6 36	10.8
		144	49 32	49 34	49 84	49 82	50 75	50 76	6 24	10 92
268+00	2+50	0	[illegible]	49 53	[illegible]	49 95	50 91	50 94	6.84	10.68
		36	49 48	49 48	50 00	49 98	[illegible]	50 92	6 24	10 2
		72	49 45	49 43	49 95	49 95	[illegible]	50.87	6.00	10.08
		108	49 39	49 39	49 88	49 89	[illegible]	50 80	5 88	10 2
		144	49 33	49 34	49 84	49 83	[illegible]	50 76	6 12	10 08
268+50	3+00	0	[illegible]	49 44	[illegible]	49 85	50 89	50 85	6 96	11.52
		36	[illegible]	49 39	[illegible]	49 83	50 82	50.81	6.72	11.16
		72	[illegible]	49 34	[illegible]	49.79	[illegible]	50.81	7 20	10.44
		108	49 26	49.30	[illegible]	49 76	50.70	50.74	6.72	10.56
		144	49 24	49 25	49 76	49 74	50 64	50 68	6 24	10 56
269+00	3+50	0	49 43	49 41	49 91	49.93	50 87	50 83	5.76	11.52
		36	49 34	49 36	[illegible]	49 84	50 81	50 81	6.60	11.04
		72	49 31	49 31	[illegible]	49 81	[illegible]	50.78	6 60	10 44
		108	49 26	49 27	[illegible]	49 76	[illegible]	50 75	6.84	10.08
		144	49 23	49 22	49 76	49 73	[illegible]	50 68	6 36	10 32
269+50	4+00	0	49 45	49 44	49 95	49 95	50 90	50 87	6.00	11 4
		36	49 40	49 39	49 90	49 90	50 84	50 82	6 00	11.28
		72	49 37	49 34	49 88	49 87	50 78	50 80	6.12	10.8
		108	49 28	49 30	49 81	49 78	50 72	50 73	6 36	10.92
		144	49 23	49 25	49 76	49 73	50 66	50 68	6 36	10 8
270+00	4+50	0	49 51	49 53	50 01	50 01	[illegible]	50 93	6 00	11.76
		36	49 46	49 48	50 00	49 96	50 93	50 92	6.48	11.16
		72	49 43	49 43	49 95	49 93	50 87	50 87	6 24	11.04
		108	49 38	49 39	49 89	49 88	50 82	50 81	6.12	11.16
		144	49 32	49 34	49 85	49 82	50 76	50 77	6 36	10 92
270+50	5+00	0	[illegible]	49 68	[illegible]	50 24	[illegible]	51 06	4 80	12.36
		36	49 65	49 63	50 13	50 15	[illegible]	51 05	5.76	11.76
		72	49 60	49 58	[illegible]	50 10	[illegible]	50 97	5 40	11.76
		108	49 53	49 54	50 03	50 03	50 97	50 95	6.00	11.28
		144	49 52	49 49	50 00	50 02	50 91	50 92	5 76	10 92
270+75	5+25	0	49 80	49 78	[illegible]	50 30	[illegible]	51 17	5.40	12
		36	49 73	49 73	50 21	50 23	[illegible]	51 13	5 76	11.76
		72	49 72	49 68	[illegible]	50 22	[illegible]	51 08	5 28	11.52
		108	49 65	49 64	50 15	50 15	51 07	51 07	6.00	11.04
		144	49 62	49 59	50 09	50 12	51 00	51 01	5 64	10 92
					Layer #	3	4		6"DGAB	11"PCC
							Avg		6 25	10.98
							Standard Dev		0 44	0 47
							Max		7 20	12 36
							Min		4 80	10 08

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Preparer: Brad Young - [illegible] - 2/16/96

Figure D-1. Layer and Elevation Thickness for Section 390259.

			ELEVATIONS (9 ft.)						LAYER THICKNESS (in.)	
Project Sta.	SHRP Sta.	Offset from c/l (in.)	Subgrade shot	Subgrade plan	6" DGAB shot	6" DGAB plan	11" PCC shot	11" PCC plan	6" DGAB	11" PCC
275+25	0-25	0								
		36								
		72								
		108								
		144								
275+50	0+00	0	53.02	53.02	53.48	53.52	[illegible]	54.40	5.52	12.24
		36	53.00	52.97		53.50	[illegible]	54.37	5.40	12
		72	52.96	52.92	53.41	53.46	54.37	54.33	5.40	11.52
		108	52.91	52.87	53.39	53.41	54.32	54.31	5.76	11.16
		144		52.82		53.37	54.23	54.22	5.16	11.16
276+00	0+50	0	53.37	53.38	53.83	53.87	[illegible]	54.75	5.52	11.88
		36	53.34	53.33	53.83	53.84	54.75	54.75	5.88	11.04
		72	53.29	53.28	53.79	53.79	54.68	54.71	6.00	10.68
		108	53.24	53.23	53.73	53.74	54.63	54.65	5.88	10.8
		144	53.19	53.18	53.69	53.69	[illegible]	54.61	6.00	10.44
276+50	1+00	0	53.70	53.71	54.18	54.20	55.14	55.10	5.76	11.52
		36	53.66	53.66	54.14	54.16	55.07	55.06	5.76	11.16
		72	53.62	53.61	54.11	54.12	55.02	55.03	5.88	10.92
		108	53.56	53.56	54.05	54.06	54.96	54.97	5.88	10.92
		144	53.53	53.51	53.99	54.03	54.90	54.91	5.52	10.92
277+00	1+50	0	53.94	53.97	54.42	54.44	55.38	55.34	5.76	11.52
		36	53.92	53.92	54.41	54.42	55.32	55.33	5.88	10.92
		72	53.87	53.87	54.35	54.37	55.27	55.27	5.76	11.04
		108	53.83	53.82	54.30	54.33	55.22	55.22	5.64	11.04
		144	53.79	53.77		54.29	55.16	55.16	5.40	11.04
277+50	2+00	0	54.15	54.17	54.62	54.65	[illegible]	55.54	5.64	11.64
		36	54.11	54.12	54.62	54.61	55.54	55.54	6.12	11.04
		72	54.08	54.07	54.57	54.58	55.48	55.49	5.88	10.92
		108	54.02	54.02	54.52	54.52	55.43	55.44	6.00	10.92
		144	53.97	53.97	54.47	54.47	55.37	55.39	6.00	10.8
278+00	2+50	0	54.26	54.30	54.77	54.76	55.71	55.69	6.12	11.28
		36	54.25	54.25	54.73	54.75	55.66	55.65	5.76	11.16
		72	54.21	54.20	54.70	54.71	55.60	55.62	5.88	10.8
		108	54.17	54.15	54.64	54.67	55.56	55.56	5.64	11.04
		144	54.13	54.10		54.63	55.52	55.49	5.28	11.4
278+50	3+00	0	54.37	54.37	54.83	54.87	55.78	55.75	5.52	11.4
		36	54.34	54.32	54.81	54.84	55.72	55.73	5.64	10.92
		72	54.30	54.27	54.76	54.80	55.67	55.68	5.52	10.92
		108	54.25	54.22	54.72	54.75	55.62	55.64	5.64	10.8
		144	54.21	54.17		54.71	55.57	55.57	5.28	11.04
279+00	3+50	0	54.35	54.37	54.82	54.85	[illegible]	55.74	5.64	11.76
		36	54.31	54.32	54.79	54.81	55.74	55.71	5.76	11.4
		72	54.26	54.27	54.75	54.76	55.68	55.67	5.88	11.16
		108	54.22	54.22	54.70	54.72	55.63	55.62	5.76	11.16
		144	54.17	54.17	54.64	54.67	55.56	55.56	5.64	11.04
279+50	4+00	0	54.28	54.31	54.78	54.78	55.74	55.70	6.00	11.52
		36	54.24	54.26	54.74	54.74	55.67	55.66	6.00	11.16
		72	54.19	54.21	54.70	54.69	55.62	55.62	6.12	11.04
		108	54.14	54.16	54.63	54.64	55.56	55.55	5.88	11.16
		144	54.10	54.11	54.59	54.60	55.51	55.51	5.88	11.04
280+00	4+50	0	54.17	54.18	54.64	54.67	55.58	55.56	5.64	11.28
		36	54.15	54.13	54.62	54.65	55.53	55.54	5.64	10.92
		72	54.09	54.08	54.59	54.59	55.48	55.51	6.00	10.68
		108	54.03	54.03	54.53	54.53	55.43	55.45	6.00	10.8
		144	53.99	53.98	54.48	54.49	55.38	55.40	5.88	10.8
280+50	5+00	0	54.02	54.02	54.51	54.52	55.41	55.43	5.88	10.8
		36	53.99	53.97	54.48	54.49	55.36	55.40	5.88	10.56
		72	53.94	53.92	54.44	54.44	55.32	55.36	6.00	10.56
		108	53.90	53.87	54.39	54.40	55.28	55.31	5.88	10.68
		144	53.84	53.82	54.34	54.34	55.23	55.26	6.00	10.68
280+75	5+25	0	53.90	53.94	54.39	54.40	55.31	55.31	5.88	11.04
		36	53.87	53.89	54.35	54.37	55.27	55.27	5.76	11.04
		72	53.82	53.84	54.32	54.32	55.23	55.24	6.00	10.92
		108	53.77	53.79	54.28	54.27	55.19	55.20	6.12	10.92
		144	53.74	53.74	54.21	54.24	55.14	55.13	5.64	11.16
							4		6" DGAB	11" PCC
							Avg		5.79	11.09
							Standard Dev.		0.22	0.35
							Max		6.12	12.24
							Min.		5.16	10.44

Layer Number 3

[redacted]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Brad Young - ODOT - 2/16/95

Figure D-2. Layer and Elevation Thickness for Section 390204.

[redacted]			ELEVATIONS (9___.__ ft.)								LAYER THICKNESS (in.)		
Project Sta.	SHRP Sta.	Offset from c/t (in.)	Subgrade		4" DGAB		4" PATB		11" PCC		4"DGAB subbase	4"PATB base	11"PCC
			shot	plan	shot	plan	shot	plan	shot	plan			
293+75	0-25	0	54 66	54 68	54 99	54 99	55 34	55 32	56 22	56 26	3.96	4 20	10 56
		36	54 62	54 63	54 95	54 95	55 32	55 28	[redacted]	56 24	3.96	4 44	10 20
		72	54 57	54 58	54 90	54 90	[redacted]	55 23	[redacted]	56 20	3 96	4 56	10 08
		108	54 52	54 54	54 87	54 85	55 23	55 20	[redacted]	56 15	4 20	4 32	10 08
		144	54 49	54 49	54 82	54 82	55 18	55 15	[redacted]	56 10	3 96	4 32	10 20
294+00	0+00	0	54 70	54 73	55 02	55 03	55 38	55 35	[redacted]	56 30	3 84	4 32	10 44
		36	54 66	54 68	54 96	54 99	[redacted]	55 29	[redacted]	56 27	3 60	4 68	10 32
		72	54 60	54 63	54 94	54 93	55 31	55 27	[redacted]	56 23	4.08	4 44	10 20
		108	[redacted]	54 59	54 90	54 87	55 26	55 23	[redacted]	56 18	4.32	4 32	10 32
		144	54 51	54 54	54 85	54 84	55 19	55 18	56 09	56 11	4 08	4 08	10 80
294+50	0+50	0	54 82	54 83	55 11	55 15	55 48	55 44	56 41	56 40	3.48	4.44	11 16
		36	54 77	54 78	55 09	55 10	55 46	55 42	56 37	56 38	3.84	4 44	10 92
		72	54 72	54 73	55 04	55 05	[redacted]	55 37	56 33	56 34	3.84	4 56	10 92
		108	54 68	54 69	55 01	55 01	55 38	55 34	56 29	56 30	3 96	4 44	10 92
		144	54 65	54 64	54 94	54 98	55 31	55 27	56 24	56 23	3 48	4 44	11 16
295+00	1+00	0	54 91	54 95	55 24	55 24	55 60	55 57	56 52	56 52	3 96	4 32	11 04
		36	54 87	54 90	55 22	55 20	55 58	55 55	56 48	56 50	4 20	4 32	10 80
		72	54 83	54 85	55 18	55 16	55 53	55 51	56 44	56 45	4 20	4 20	10 92
		108	54 78	54 81	55 14	55 11	55 48	55 47	56 39	56 40	4 32	4 08	10 92
		144	54 77	54 76	55 06	55 10	55 42	55 39	56 34	56 34	3 48	4 32	11 04
295+50	1+50	0	55 03	55 07	55 34	55 36	[redacted]	55 67	56 62	56 64	3.72	4 56	10 80
		36	54 98	55 02	55 33	55 31	55 70	55 66	[redacted]	56 62	4 20	4.44	10 44
		72	54 95	54 97	55 29	55 28	55 66	55 62	[redacted]	56 58	4 08	4 44	10 44
		108	54 90	54 93	55 24	55 23	55 61	55 57	56 49	56 53	4 08	4 44	10 56
		144	54 87	54 88	55 16	55 20	[redacted]	55 49	56 44	56 46	3 48	4 56	10 80
296+00	2+00	0	[redacted]	55 21	55 47	55 49	[redacted]	55 80	56 77	56 78	3 72	4 68	10 92
		36	55 13	55 16	55 47	55 46	55 84	55 80	56 73	56 76	4 08	4 44	10 68
		72	55 08	55 11	55 41	55 41	[redacted]	55 74	56 68	56 71	3 96	4 56	10 68
		108	55 05	55 07	55 39	55 38	55 75	55 72	56 65	56 67	4 08	4 32	10 80
		144	55 01	55 02	[redacted]	55 34	55 68	55 60	56 60	56 60	3 12	4 92	11 04
296+50	2+50	0	55 36	55 35	[redacted]	55 69	[redacted]	55 97	56 90	56 94	3 36	4 56	10 56
		36	55 32	55 30	55 62	55 65	55 99	55 95	[redacted]	56 91	3 60	4 44	10 32
		72	55 26	55 25	55 57	55 59	55 94	55 90	[redacted]	56 86	3 72	4 44	10 44
		108	55 21	55 21	55 52	55 54	55 88	55 85	56 77	56 80	3.72	4 32	10 68
		144	55 16	55 16	55 47	55 49	55 83	55 80	56 73	56 75	3.72	4 32	10 80
297+00	3+00	0	55 47	55 49	55 77	55 80	56 14	56 10	57 04	57 06	3.60	4.44	10 80
		36	55 44	55 44	55 75	55 77	56 10	56 08	56 99	57 02	3.72	4 20	10 68
		72	55 40	55 39	55 71	55 73	56 05	56 04	56 95	56 97	3.72	4 08	10 80
		108	55 34	55 35	55 65	55 67	56 00	55 98	56 92	56 92	3 72	4 20	11 04
		144	55 29	55 30	55 64	55 62	55 94	55 97	56 87	56 86	4 20	3 60	11 16
297+50	3+50	0	55 62	55 62	55 92	55 95	[redacted]	56 25	57 18	57 22	3 60	4 56	10 56
		36	55 59	55 57	55 92	55 92	56 27	56 25	[redacted]	57 19	3 96	4 20	10 44
		72	55 54	55 52	55 85	55 87	[redacted]	56 18	[redacted]	57 16	3 72	4 68	10 20
		108	55 49	55 48	55 82	55 82	56 17	56 15	57 05	57 09	3 96	4 20	10 56
		144	55 43	55 43	55 74	55 76	56 11	56 07	57 00	57 03	3 72	4 44	10 68
298+00	4+00	0	55 74	55 76	56 07	56 07	[redacted]	56 40	[redacted]	57 39	3 96	4 80	10 20
		36	55 73	55 71	56 04	56 06	[redacted]	56 37	[redacted]	57 36	3 72	4 80	10 08
		72	55 67	55 66	56 02	56 00	56 38	56 35	[redacted]	57 30	4 20	4 32	10 32
		108	55 63	55 62	55 96	55 96	56 30	56 29	57 20	57 22	3 96	4 08	10 80
		144	55 59	55 57	55 90	55 92	56 26	56 23	57 15	57 18	3 72	4 32	10 68
298+50	4+50	0	55 90	55 90	56 22	56 23	56 58	56 55	57 47	57 50	3.84	4 32	10 68
		36	55 87	55 85	56 20	56 20	56 56	56 53	[redacted]	57 48	3.96	4 32	10 20
		72	55 83	55 80	56 15	56 16	56 51	56 48	[redacted]	57 43	3 84	4 32	10 44
		108	55 78	55 76	56 10	56 11	56 44	56 43	57 34	57 36	3 84	4 08	10 80
		144	55 74	55 71	56 05	56 07	56 38	56 38	57 28	57 30	3 72	3 96	10 80
299+00	5+00	0	56 00	56 03	56 33	56 33	56 70	56 66	57 60	57 62	3 96	4 44	10 80
		36	55 96	55 98	56 30	56 29	[redacted]	56 63	57 56	57 60	4 08	4 56	10 56
		72	55 92	55 93	56 25	56 25	[redacted]	56 58	57 51	57 55	3 96	4 56	10 56
		108	55 87	55 89	56 21	56 20	56 57	56 54	57 47	57 49	4 08	4 32	10 80
		144	55 84	55 84	56 15	56 17	56 52	56 48	57 42	57 44	3 72	4 44	10 80
299+25	5+25	0	56 06	56 10	56 39	56 39	[redacted]	56 72	57 66	57 70	3 96	4 68	10 56
		36	56 03	56 05	56 35	56 36	[redacted]	56 68	[redacted]	57 67	3 84	4 80	10 32
		72	56 01	56 00	56 32	56 34	[redacted]	56 65	[redacted]	57 63	3.72	4 68	10 32
		108	55 95	55 96	56 28	56 28	56 65	56 61	57 54	57 57	3 96	4 44	10 68
		144	55 90	55 91	56 22	56 23	56 59	56 55	57 49	57 51	3 84	4 44	10 80

	4"DGAB	4"PATB	11"PCC
Avg	3 86	4 40	10 63
Standard Dev.	0.24	0 22	0 29
Max	4 32	4 92	11 16
Min	3 12	3 60	10 08

[redacted]

* note. tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Preparer Brad Young - UDOT - 2/16/96

Figure D-3. Layer and Elevation Thickness for Section 390212.

			ELEVATIONS (9 ft.)								LAYER THICKNESS (in.)		
											Layer number 2	3	4
Project Sta.	SHRP Sta.	Offset from c/l (in.)	Subgrade shot*	Subgrade plan*	4" DGAB shot*	4" DGAB plan*	7.14" PATB shot*	7.14" PATB plan*	8.18" RCC shot*	8.18" RCC plan*	4" DGAB subbase*	4" PATB base*	8" RCC
303+25	0-25	0	57 45	57 46		57 78	58 06	58.05	58 74	58.73	3.24	4.08	8.16
		36	57 41	57 41	57 70	57 74	58 06	58 03	58 69	58 73	3.48	4.32	7 56
		72	57 36	57 37	57 67	57 69	58 00	58 00	58 63	58 67	3.72	3.96	7.56
		108	57 31	57 32	57 60	57 64	57 95	57 93	58 59	58 62	3.48	4.20	7.68
		168	57 21	57 24	57 53	57 54	57 85	57 86	58 52	58 52	3 84	3 84	8.04
303+50	0+00	0	57 53	57 53		57 86	58.14	58 14	58 80	58 81	3.36	3.96	7.92
		36	57 49	57 48	57 79	57 82	58 13	58.12	58 78	58 80	3.60	4.08	7.44
		72	57.42	57 44	57.73	57 75	58 07	58 06	58 70	58 74	3.72	4.08	7.56
		108	57 37	57 39	57 67	57 70	58 02	58 00	58 65	58 69	3.60	4.20	7.56
		168	57 28	57 31	57.61	57 61	57 93	57 94	58 60	58 60	3.96	3.84	8.04
304+00	0+50	0	57 64	57 67	57 95	57 97	58 28	58 28	58.94	58 95	3.72	3.96	7.92
		36	57 61	57 62	57 91	57 94	58 26	58 24	58 90	58 93	3.60	4.20	7.68
		72	57 57	57 58	57 86	57 90	58 20	58 19	58 86	58 87	3.48	4.08	7.92
		108	57 52	57 53		57.85	58.13	58.13	58 81	58 80	3.36	3.96	8.16
		168	57 46	57 45	57 75	57 79	58 07	58 08	58 76	58 74	3.48	3.84	8 28
304+50	1+00	0	57 80	57 81	58 10	58 13	58 43	58.43	59 11	59 10	3.60	3.96	8.16
		36	57 77	57 76		58.10	58.40	58 38	59 06	59 07	3.36	4.20	7.92
		72	57 72	57 72		58 05	58 35	58 33	59 02	59 02	3.36	4.20	8.04
		108	57 67	57 67	57 96	58.00	58 29	58 29	58 97	58 96	3.48	3.96	8.16
		168	57 62	57 59		57 95	58 23	58 23	58 91	58 90	3.36	3.96	8 16
305+00	1+50	0	57 92	57 95	58 23	58 25	58 58	58 56	59 24	59 25	3.72	4.20	7.92
		36	57 89	57 90	58 20	58 22	58 55	58 53	59.19	59 22	3.72	4.20	7.68
		72	57 84	57 86	58 17	58.17	58 50	58 50	59.15	59 17	3.96	3.96	7.80
		108	57 81	57 81	58 12	58 14	58 45	58 45	59 10	59.12	3.72	3.96	7.80
		168	57 73	57 73	58 05	58 06	58 36	58 38	59 04	59 03	3 84	3.72	8.16
305+50	2+00	0	58 02	58 06	58 32	58 35		58.65	59.37	59 39	3.60	4 80	7.80
		36	58 00	58 01	58 30	58.33		58 63		59.37	3.60	4.80	7.44
		72	57 96	57 97	58 29	58 29	58.65	58.62		59 32	3 96	4.32	7.32
		108	57 92	57 92	58 25	58.25	58.59	58 58	59 22	59 26	3.96	4.08	7.56
		168	57 83	57 84	58.18	58 16	58.53	58 51		59 20	4 20	4 20	7 44
306+00	2+50	0	58.09	58.12	58 40	58.42	58.75	58 73	59 44	59.42	3.72	4.20	8.28
		36	58.04	58.07	58.38	58.37	58.71	58 71	59 39	59 38	4.08	3.96	8.16
		72	58 01	58 03	58 34	58.34	58 67	58.67	59 34	59 34	3.96	3.96	8.04
		108	57.97	57.98	58 29	58 30	58.60	58 62	59 29	59 27	3.84	3.72	8.28
		168	57 92	57 90	58.21	58 25	58 53	58 54	59 24	59 20	3 48	3.84	8.52
306+50	3+00	0	58.11	58 13	58 41	58 44	58.76	58 74	59 45	59 43	3.60	4.20	8.28
		36	58 07	58 08	58 39	58.40	58 73	58 72	59 40	59 40	3.84	4.08	8.04
		72	58 02	58 04	58 36	58 35	58 68	58 69	59 35	59 35	4.08	3.84	8.04
		108	57 98	57 99	58.29	58 31	58 62	58 62	59 30	59 29	3.72	3.96	8.16
		168	57 90	57 91	58 20	58 23	58 54	58 53	59 24	59 21	3 60	4 08	8 40
307+00	3+50	0	58 08	58 08	58 39	58 41	58 75	58 72	59 41	59 42	3.72	4.32	7.92
		36	58 03	58 03	58 37	58 36	58 72	58 70	59 36	59 39	4.08	4.20	7 68
		72	57 99	57 99	58 32	58 32	58 67	58 65	59 31	59 34	3.96	4.20	7.68
		108	57 93	57 94	58 28	58 26	58 59	58 61	59 26	59 26	4.20	3.72	8.04
		168	57 89	57 86	58.19	58 22	58 52	58 52	59 20	59 19	3 60	3.96	8.16
307+50	4+00	0	57 97	57 98	58 30	58 30	58 64	58 63	59 33	59 31	3.96	4.08	8.28
		36	57 93	57 93	58 26	58 26	58 61	58 59	59 28	59 28	3.96	4.20	8.04
		72	57 88	57 89	58.22	58 21	58.56	58 55	59 22	59 23	4.08	4.08	7.92
		108	57.82	57 84	58.16	58 15	58 49	58 49	59 17	59 16	4.08	3.96	8.16
		168	57 79	57 76	58 09	58 12	58 42	58 42	59.10	59 09	3.60	3.96	8 16
308+00	4+50	0	57 82	57 84	58 15	58 15	58 50	58 48	59 17	59 17	3.96	4.20	8.04
		36	57 79	57 79	58 11	58.12	58.46	58 44	59 12	59 13	3.84	4.20	7.92
		72	57.74	57.75	58.07	58 07	58 40	58 40	59 07	59 07	3.96	3.96	8.04
		108	57 69	57 70	58.00	58.02	58.34	58 33	59 03	59 01	3.72	4.08	8.28
		168	57 62	57 62	57 96	57 95	58.28	58 29	58 97	58 95	4 08	3 84	8 28
308+50	5+00	0	57 59	57 63	57 96	57 92	58 29	58 29	58 96	58 96	4.44	3.96	8.04
		36	57 55	57 58	57 91	57 88	58 26	58 24	58 91	58 93	4.32	4.20	7.80
		72	57 51	57 54	57 87	57 84	58 21	58 20	58 86	58 88	4.32	4.08	7 80
		108	57 46	57 49	57 80	57 79	58 16	58 13	58 82	58 83	4.08	4.32	7.92
		168	57 41	57 41	57 76	57 74	58 08	58 09	58 77	58 75	4 20	3 84	8 28
308+75	5+25	0	57 43	57 51	57 80	57.76	58 14	58 13	58 82	58 81	4.44	4.08	8.16
		36	57 42	57 46	57 77	57 75	58 13	58 10	58 78	58 80	4.20	4.32	7.80
		72	57 39	57 42	57.75	57 72	58 09	58 08	58 74	58 76	4.32	4.08	7.80
		108	57 34	57 37	57.71	57 67	58.02	58 04	58 70	58 69	4.44	3.72	8.16
		168	57 31	57 29	57 62	57 64	57 98	57 95	58 65	58 65	3.72	4.32	8.04

	4" DGAB	4" PATB	8" RCC
Avg.	3.82	4.07	7.96
Standard Dev.	0.30	0 21	0.26
Max.	4 44	4.80	8.52
Min	3.24	3.72	7.32

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Prepared: Brad Young - ODOT - 2/16/96

Figure D-4. Layer and Elevation Thickness for Section 390210.

			ELEVATIONS (9[illegible] ft.)								LAYER THICKNESS (in.)		
											3	4	5
Project Sta.	SHRP Sta.	Offset from ℄ (in.)	Subgrade shot	Subgrade plan	4" DGAB shot	4" DGAB plan	4" PATB shot	4" PATB plan	11" PCC shot	11" PCC plan	4" DGAB subbase	4" PATB base	11" PCC [illegible]
311+25	0-25	0	55.87	55.87	56.16	56.20	56.47	56.49	[illegible]	57.39	3.48	3.72	12.36
		36	55.82	55.82	56.11	56.15	56.46	56.44	[illegible]	57.38	3.48	4.20	11.88
		72	55.78	55.77	56.09	56.11	56.42	56.42	[illegible]	57.34	3.72	3.96	11.76
		108	55.73	55.73	56.05	56.06	56.37	56.38	[illegible]	57.29	3.84	3.84	11.64
		144	55.71	55.68	56.00	56.04	56.32	56.33	[illegible]	57.24	3.48	3.84	11.64
311+50	0+00	0	[illegible]	55.73	56.02	56.00	56.33	56.35	[illegible]	57.25	4.20	3.72	12.00
		36	55.65	55.68	55.99	55.98	56.33	56.32	57.29	57.25	4.08	4.08	11.52
		72	55.59	55.63	[illegible]	55.92	56.31	56.30	57.24	57.23	4.56	4.08	11.16
		108	[illegible]	55.59	55.91	55.87	56.26	56.24	57.19	57.18	4.44	4.20	11.16
		144	55.53	55.54	55.87	55.86	56.21	56.20	57.12	57.13	4.08	4.08	10.92
312+00	0+50	0	55.41	55.45	55.76	55.74	56.08	56.09	[illegible]	57.00	4.20	3.84	11.88
		36	55.37	55.40	55.71	55.70	56.08	56.04	57.03	57.00	4.08	4.44	11.40
		72	[illegible]	55.35	55.66	55.63	[illegible]	55.99	56.99	56.98	4.32	4.80	11.16
		108	55.28	55.31	55.62	55.61	[illegible]	55.95	56.93	56.93	4.08	4.68	11.04
		144	55.23	55.26	55.60	55.56	55.94	55.93	56.87	56.86	4.44	4.08	11.16
312+50	1+00	0	55.16	55.17	55.47	55.49	55.76	55.80	[illegible]	56.68	3.72	3.48	11.88
		36	55.11	55.12	55.43	55.44	55.77	55.76	56.70	56.69	3.84	4.08	11.16
		72	55.05	55.07	55.39	55.38	55.75	55.72	56.66	56.67	4.08	4.32	10.92
		108	55.00	55.03	55.34	55.33	55.71	55.67	56.62	56.63	4.08	4.44	10.92
		144	54.95	54.98	55.29	55.28	55.66	55.62	56.56	56.58	4.08	4.44	10.80
313+00	1+50	0	54.85	54.89	55.16	55.18	55.46	55.49	[illegible]	56.38	3.72	3.60	12.24
		36	54.83	54.84	55.13	55.16	55.48	55.46	56.44	56.40	3.60	4.20	11.52
		72	54.81	54.79	55.11	55.14	55.45	55.44	56.39	56.37	3.60	4.08	11.28
		108	54.76	54.75	55.05	55.09	55.41	55.38	56.35	56.33	3.48	4.32	11.28
		144	54.72	54.70	55.03	55.05	55.37	55.36	56.29	56.29	3.72	4.08	11.04
313+50	2+00	0	54.57	54.61	54.88	54.90	55.19	55.21	[illegible]	56.11	3.72	3.72	12.24
		36	54.54	54.56	54.87	54.87	55.19	55.20	[illegible]	56.11	3.96	3.84	11.76
		72	54.51	54.51	54.85	54.84	55.16	55.18	56.12	56.08	4.08	3.72	11.52
		108	54.46	54.47	54.80	54.79	55.12	55.13	56.06	56.04	4.08	3.84	11.28
		144	54.40	54.42	54.75	54.73	55.08	55.08	55.99	56.00	4.20	3.96	10.92
314+00	2+50	0	54.34	54.33	54.68	54.67	54.97	55.01	[illegible]	55.89	4.08	3.48	12.12
		36	54.28	54.28	54.65	54.61	54.98	54.98	55.93	55.90	4.44	3.96	11.40
		72	54.22	54.23	54.59	54.55	54.93	54.92	55.87	55.85	4.44	4.08	11.28
		108	54.18	54.19	54.54	54.51	54.87	54.87	55.81	55.79	4.32	3.96	11.28
		144	54.15	54.14	54.48	54.48	54.82	54.81	55.73	55.74	3.96	4.08	10.92
314+50	3+00	0	54.01	54.05	54.37	54.34	[illegible]	54.70	[illegible]	55.56	4.32	3.24	12.36
		36	53.97	54.00	54.33	54.30	54.64	54.66	[illegible]	55.56	4.32	3.72	11.76
		72	53.93	53.95	54.29	54.26	54.62	54.62	55.56	55.54	4.32	3.96	11.28
		108	53.91	53.91	54.25	54.24	54.57	54.58	55.51	55.49	4.08	3.84	11.28
		144	53.87	53.86	54.20	54.20	54.52	54.53	55.43	55.44	3.96	3.84	10.92
315+00	3+50	0	53.74	53.77	54.11	54.07	54.43	54.44	[illegible]	55.35	4.44	3.84	12.12
		36	53.71	53.72	[illegible]	54.04	54.40	54.42	[illegible]	55.32	4.56	3.72	11.76
		72	53.69	53.67	54.05	54.02	54.37	54.38	55.32	55.29	4.32	3.84	11.40
		108	53.66	53.63	53.99	53.99	54.32	54.32	55.27	55.24	3.96	3.96	11.40
		144	53.62	53.58	53.93	53.95	54.27	54.26	55.19	55.19	3.72	4.08	11.04
315+50	4+00	0	53.50	53.49	53.83	53.83	54.15	54.16	[illegible]	55.07	3.96	3.84	11.88
		36	53.45	53.44	53.80	53.78	54.14	54.13	55.10	55.06	4.20	4.08	11.52
		72	53.36	53.39	[illegible]	53.69	54.10	54.09	55.05	55.02	4.80	4.08	11.40
		108	53.33	53.35	53.70	53.66	54.06	54.03	55.00	54.98	4.44	4.32	11.28
		144	53.29	53.30	53.65	53.62	[illegible]	53.98	54.92	54.95	4.32	4.56	10.68
316+00	4+50	0	53.23	53.21	53.52	53.56	53.84	53.85	54.80	54.76	3.48	3.84	11.52
		36	53.20	53.16	53.52	53.53	53.84	53.85	54.76	54.76	3.84	3.84	11.04
		72	53.15	53.11	53.49	53.48	53.81	53.82	54.71	54.73	4.08	3.84	10.80
		108	[illegible]	53.07	53.45	53.46	53.78	53.78	54.68	54.70	3.84	3.96	10.80
		144	[illegible]	53.02	53.40	53.44	53.72	53.73	54.63	54.64	3.48	3.84	10.92
316+50	5+00	0	[illegible]	52.93	[illegible]	53.20	[illegible]	53.58	[illegible]	54.44	4.56	3.24	12.24
		36	52.84	52.88	[illegible]	53.17	53.52	53.55	[illegible]	54.44	4.56	3.60	11.88
		72	52.81	52.83	53.18	53.14	53.49	53.51	54.46	54.41	4.44	3.72	11.64
		108	52.76	52.79	53.13	53.09	53.45	53.46	54.40	54.37	4.44	3.84	11.40
		144	52.74	52.74	53.10	53.07	53.42	53.43	54.33	54.34	4.32	3.84	10.92
316+75	5+25	0	52.79	52.79	53.13	53.12	53.42	53.46	[illegible]	54.34	4.08	3.48	12.00
		36	52.75	52.74	53.10	53.08	53.39	53.43	[illegible]	54.31	4.20	3.48	11.76
		72	52.71	52.69	53.07	53.04	[illegible]	53.40	[illegible]	54.27	4.32	3.36	11.64
		108	52.65	52.65	[illegible]	52.98	53.32	53.36	54.27	54.24	4.56	3.48	11.40
		144	52.62	52.60	52.98	52.95	53.30	53.31	54.20	54.22	4.32	3.84	10.80

	4" DGAB	4" PATB	11" PCC
Avg.	4.09	3.93	11.44
Standard Dev.	0.33	0.31	0.44
Max.	4.80	4.80	12.36
Min.	3.48	3.24	10.68

[illegible]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Preparer Brad Young - ODOT - 2/16/96

Figure D-5. Layer and Elevation Thickness for Section 390260.

2 3

			ELEVATIONS (9[illegible] ft.)						LAYER THICKNESS (In.)	
Project Sta.	SHRP Sta.	Offset from c/l (In.)	Subgrade shot	Subgrade plan	6" DGAB shot	6" DGAB plan	8" PCC shot	8" PCC plan	6" DGAB	8" PCC
318+75	0-25	0	52.15	52.16	52.64	52.65	53.35	53.31	5.88	8.52
		36	52.11	52.11	52.59	52.61	[illegible]	53.26	5.76	8.64
		72	52.08	52.07	52.56	52.58	53.26	53.23	5.76	8.40
		108	52.04	52.02	52.52	52.54	53.22	53.19	5.76	8.40
		168	51.97	51.94	52.45	52.47	[illegible]	53.12	5.76	8.64
319+00	0+00	0	52.09	52.08	52.56	52.59	53.25	53.23	5.64	8.28
		36	52.05	52.03	52.52	52.55	53.21	53.19	5.64	8.28
		72	52.02	51.99	52.48	52.52	53.16	53.15	5.52	8.16
		108	51.98	51.94	52.44	52.48	53.11	53.11	5.52	8.04
		168	51.90	51.86	52.36	52.40	53.07	53.03	5.52	8.52
319+50	0+50	0	51.97	51.99	52.47	52.47	53.17	53.14	6.00	8.40
		36	51.94	51.94	52.45	52.44	53.12	53.12	6.12	8.04
		72	51.90	51.90	52.42	52.40	53.07	53.09	6.24	7.80
		108	51.86	51.85	52.36	52.36	53.02	53.03	6.00	7.92
		168	51.80	51.77	52.28	52.30	52.97	52.95	5.76	8.28
320+00	1+00	0	52.00	51.96	[illegible]	52.50	53.12	53.12	5.40	8.04
		36	51.95	51.91	52.42	52.45	53.09	53.09	5.64	8.04
		72	51.89	51.87	52.40	52.39	53.04	53.07	6.12	7.68
		108	51.84	51.82	52.35	52.34	52.99	53.02	6.12	7.68
		168	51.77	51.74	52.26	52.27	52.95	52.93	5.88	8.28
320+50	1+50	0	52.03	52.01	[illegible]	52.53	[illegible]	53.13	5.16	8.76
		36	51.99	51.96	52.46	52.49	53.15	53.13	5.64	8.28
		72	51.93	51.92	52.42	52.43	53.10	53.09	5.88	8.16
		108	51.89	51.87	52.37	52.39	53.05	53.04	5.76	8.16
		168	[illegible]	51.79	52.31	52.34	53.00	52.98	5.64	8.28
321+00	2+00	0	52.12	52.13	[illegible]	52.62	[illegible]	53.22	5.16	9.00
		36	52.09	52.08	[illegible]	52.59	53.25	53.21	5.40	8.52
		72	52.04	52.04	52.52	52.54	53.20	53.19	5.76	8.16
		108	52.01	51.99	52.47	52.51	53.16	53.14	5.52	8.28
		168	51.93	51.91	52.41	52.43	53.12	53.08	5.76	8.52
321+50	2+50	0	52.32	52.32	[illegible]	52.82	[illegible]	53.41	5.04	8.76
		36	52.28	52.27	52.74	52.78	53.42	53.41	5.52	8.16
		72	52.22	52.23	52.72	52.72	53.38	53.39	6.00	7.92
		108	52.14	52.18	52.67	52.64	53.33	53.34	6.36	7.92
		168	[illegible]	52.10	[illegible]	52.55	53.29	53.28	6.72	8.16
322+00	3+00	0	52.59	52.58	[illegible]	53.09	53.72	53.70	5.28	8.28
		36	52.54	52.53	53.03	53.04	53.68	53.70	5.88	7.80
		72	52.49	52.49	52.98	52.99	53.64	53.65	5.88	7.92
		108	52.44	52.44	52.92	52.94	53.59	53.59	5.76	8.04
		168	52.38	52.36	52.87	52.88	53.54	53.54	5.88	8.04
322+50	3+50	0	52.84	52.88	53.31	53.34	[illegible]	53.98	5.64	8.88
		36	52.80	52.83	53.27	53.30	[illegible]	53.94	5.64	8.88
		72	[illegible]	52.79	53.25	53.24	53.96	53.92	6.12	8.52
		108	52.72	52.74	53.21	53.22	53.91	53.88	5.88	8.40
		168	52.65	52.66	53.15	53.15	53.86	53.82	6.00	8.52
323+00	4+00	0	53.17	53.18	53.65	53.67	54.35	54.32	5.76	8.40
		36	53.13	53.13	53.62	53.63	54.32	54.29	5.88	8.40
		72	53.08	53.09	53.57	53.58	54.26	54.24	5.88	8.28
		108	53.03	53.04	53.53	53.53	54.21	54.20	6.00	8.16
		168	52.93	52.96	53.44	53.43	54.15	54.11	6.12	8.52
323+50	4+50	0	[illegible]	53.48	53.95	53.93	[illegible]	54.62	6.24	8.64
		36	53.40	53.43	53.92	53.90	54.62	54.59	6.24	8.40
		72	53.38	53.39	53.87	53.88	54.57	54.54	5.88	8.40
		108	53.32	53.34	53.83	53.82	54.51	54.50	6.12	8.16
		168	53.29	53.26	53.76	53.79	54.45	54.43	5.64	8.28
324+00	5+00	0	53.74	53.78	54.23	54.24	[illegible]	54.90	5.88	8.64
		36	53.71	53.73	54.21	54.21	54.90	54.88	6.00	8.28
		72	53.67	53.69	54.17	54.17	54.85	54.84	6.00	8.16
		108	53.63	53.64	54.11	54.13	54.81	54.78	5.76	8.40
		168	53.59	53.56	54.06	54.09	54.74	54.73	5.64	8.16
324+25	5+25	0	53.92	53.92	[illegible]	54.42	[illegible]	55.02	5.16	9.00
		36	53.86	53.87	54.32	54.36	[illegible]	54.99	5.52	8.76
		72	53.83	53.83	54.31	54.33	54.99	54.98	5.76	8.16
		108	53.79	53.78	54.26	54.29	54.94	54.93	5.64	8.16
		168	53.73	53.70	54.23	54.23	54.88	54.90	6.00	7.80

	6" DGAB	8" PCC
Avg.	5.79	8.30
Standard Dev.	0.30	0.30
Max.	6.72	9.00
Min.	5.04	7.68

[redacted]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Prepared: Brad Young - ODOT - 2/16/96

Figure D-6. Layer and Elevation Thickness for Section 390202.

			ELEVATIONS (9 ft.)						LAYER THICKNESS (in.)	
									Layer Number 2	3
Project Sta.	SHRP Sta.	Offset from c/l (in.)	Subgrade shot	Subgrade plan	6" LCB shot	6" LCB plan	8" PCC shot	8" PCC plan	6" LCB	8" PCC
327+25	0-25	0	54.47	54.46	54.94	54.97	55.63	55.61	5.64	8.28
		36	54.40	54.41	54.90	54.90	55.57	55.57	6.00	8.04
		72	54.39	54.37	54.85	54.89	55.52	55.52	5.52	8.04
		108	54.35	54.32	54.81	54.85	55.46	55.48	5.52	7.80
		168	54.28	54.24		54.78	55.39	55.39	5.28	8.04
327+50	0+00	0	54.41	54.41	54.88	54.91	55.56	55.55	5.64	8.16
		36	54.37	54.36	54.84	54.87	55.52	55.51	5.64	8.16
		72	54.33	54.32	54.80	54.83	55.46	55.47	5.64	7.92
		108	54.28	54.27	54.74	54.78	55.41	55.41	5.52	8.04
		168		54.19		54.75	55.35	55.33	4.92	8.28
328+00	0+50	0	54.27	54.26	54.75	54.77	55.41	55.42	5.76	7.92
		36	54.20	54.21	54.71	54.70	55.37	55.38	6.12	7.92
		72	54.18	54.17	54.67	54.68	55.30	55.34	5.88	7.56
		108		54.12		54.57		55.30	6.72	7.44
		168	54.02	54.04	54.54	54.52	55.19	55.21	6.24	7.80
328+50	1+00	0	54.09	54.08	54.59	54.59	55.23	55.26	6.00	7.68
		36	54.05	54.03	54.55	54.55	55.18	55.22	6.00	7.56
		72	54.00	53.99	54.51	54.50		55.18	6.12	7.44
		108	53.95	53.94	54.46	54.45	55.09	55.13	6.12	7.56
		168	53.88	53.86	54.38	54.38	55.02	55.05	6.00	7.68
329+00	1+50	0	53.92	53.90	54.41	54.42	55.06	55.08	5.88	7.80
		36	53.87	53.85	54.37	54.37	55.00	55.04	6.00	7.56
		72	53.83	53.81	54.33	54.33	54.96	55.00	6.00	7.56
		108	53.75	53.76	54.28	54.25		54.95	6.36	7.44
		168	53.66	53.68	54.20	54.16	54.84	54.87	6.48	7.68
329+50	2+00	0	53.73	53.72	54.24	54.23	54.89	54.91	6.12	7.80
		36	53.69	53.67	54.19	54.19	54.84	54.86	6.00	7.80
		72	53.66	53.63	54.14	54.16	54.79	54.81	5.76	7.80
		108	53.60	53.58	54.09	54.10	54.74	54.76	5.88	7.80
		168	53.52	53.50	54.02	54.02	54.69	54.69	6.00	8.04
330+00	2+50	0	53.60	53.56	54.09	54.10	54.74	54.76	5.88	7.80
		36	53.54	53.51	54.03	54.04	54.69	54.70	5.88	7.92
		72	53.51	53.47	53.98	54.01	54.64	54.65	5.64	7.92
		108	53.44	53.42	53.93	53.94	54.59	54.60	5.88	7.92
		168	53.35	53.34	53.84	53.85	54.53	54.51	5.88	8.28
330+50	3+00	0	53.42	53.44	53.93	53.92	54.60	54.60	6.12	8.04
		36	53.38	53.39	53.89	53.88	54.54	54.56	6.12	7.80
		72	53.34	53.35	53.85	53.84	54.50	54.52	6.12	7.80
		108	53.29	53.30	53.81	53.79	54.46	54.48	6.24	7.80
		168	53.24	53.22	53.73	53.74	54.40	54.40	5.88	8.04
331+00	3+50	0	53.38	53.35	53.87	53.88	54.51	54.54	5.88	7.68
		36		53.30	53.82	53.86	54.47	54.49	5.52	7.80
		72		53.26	53.78	53.82	54.42	54.45	5.52	7.68
		108		53.21	53.73	53.77	54.37	54.40	5.52	7.68
		168	53.17	53.13	53.64	53.67	54.31	54.31	5.64	8.04
331+50	4+00	0	53.33	53.30	53.82	53.83	54.49	54.49	5.88	8.04
		36	53.28	53.25	53.77	53.78	54.43	54.44	5.88	7.92
		72		53.21	53.73	53.76	54.38	54.40	5.64	7.80
		108	53.19	53.16	53.68	53.69	54.34	54.35	5.88	7.92
		168		53.08		53.65	54.27	54.27	5.40	8.04
332+00	4+50	0	53.26	53.29	53.76	53.76	54.44	54.43	6.00	8.16
		36	53.23	53.24	53.71	53.73	54.39	54.38	5.76	8.16
		72	53.18	53.20	53.67	53.68	54.34	54.34	5.88	8.04
		108	53.14	53.15	53.62	53.64	54.30	54.29	5.76	8.16
		168	53.10	53.07		53.60		54.20	5.16	8.64
332+50	5+00	0	53.29	53.32	53.79	53.79	54.47	54.46	6.00	8.16
		36	53.25	53.27	53.74	53.75	54.42	54.41	5.88	8.16
		72	53.20	53.23	53.70	53.70	54.37	54.37	6.00	8.04
		108	53.16	53.18	53.65	53.66	54.32	54.32	5.88	8.04
		168	53.12	53.10		53.62	54.26	54.24	5.40	8.28
332+75	5+25	0	53.33	53.34	53.84	53.83	54.50	54.51	6.12	7.92
		36	53.29	53.29	53.79	53.79	54.44	54.46	6.00	7.80
		72	53.25	53.25	53.75	53.75	54.39	54.42	6.00	7.68
		108	53.20	53.20	53.70	53.70	54.35	54.37	6.00	7.80
		168	53.14	53.12	53.61	53.64	54.27	54.28	5.64	7.92

	6" LCB	8" PCC
Avg.	5.86	7.90
Standard Dev.	0.30	0.23
Max.	6.72	8.64
Min.	4.92	7.44

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Preparer: Brad Young — ODOT - 2/16/96

Figure D-7. Layer and Elevation Thickness for Section 390206.

Layer number

			ELEVATIONS (ft.)						LAYER THICKNESS (in.)	
					6" LCB		8" PCC		2	3
Project Sta.	SHRP Sta.	Offset from c/l (in.)	Subgrade shot	Subgrade plan	shot	plan	shot	plan	6" LCB	8" PCC
335+50	0-25	0	53.95	53.96	54.47	54.45	55.11	55.14	6.24	7.68
		36	53.93	53.91	54.43	54.43	55.07	55.10	6.00	7.68
		72	53.88	53.86	54.38	54.38	55.02	55.05	6.00	7.68
		108	53.83	53.82	54.33	54.33	54.97	55.00	6.00	7.68
		144	53.78	53.77	54.27	54.28	54.92	54.94	5.88	7.80
335+75	0+00	0	54.02	54.02	54.52	54.52	55.17	55.19	6.00	7.80
		36	53.99	53.97	54.48	54.49	55.12	55.15	5.88	7.68
		72	53.95	53.92	54.44	54.45	55.07	55.11	5.88	7.56
		108	53.88	53.88	54.38	54.38	55.03	55.05	6.00	7.80
		144	53.85	53.83	54.32	54.35	54.98	54.99	5.64	7.92
336+25	0+50	0		54.14		54.59	55.29	55.31	6.60	7.80
		36	54.07	54.09	54.59	54.57	55.23	55.26	6.24	7.68
		72	54.02	54.04	54.54	54.52	55.19	55.21	6.24	7.80
		108	53.96	54.00		54.46	55.15	55.18	6.60	7.68
		144		53.95		54.40	55.11	55.12	6.60	7.92
336+75	1+00	0	54.20	54.23	54.72	54.70	55.38	55.39	6.24	7.92
		36	54.17	54.18	54.68	54.67	55.33	55.35	6.12	7.80
		72	54.12	54.13	54.64	54.62	55.29	55.31	6.24	7.80
		108	54.05	54.09	54.58	54.55	55.25	55.25	6.36	8.04
		144	54.01	54.04	54.53	54.51	55.20	55.20	6.24	8.04
337+25	1+50	0	54.26	54.29	54.79	54.76	55.44	55.46	6.36	7.80
		36	54.23	54.24	54.74	54.73	55.38	55.41	6.12	7.68
		72	54.18	54.19	54.69	54.68	55.34	55.36	6.12	7.80
		108	54.11	54.15	54.65	54.61	55.31	55.32	6.48	7.92
		144	54.06	54.10	54.60	54.56	55.27	55.27	6.48	8.04
337+75	2+00	0		54.32		54.77	55.48	55.49	6.60	7.92
		36	54.24	54.27	54.77	54.74	55.43	55.44	6.36	7.92
		72	54.20	54.22	54.72	54.70	55.38	55.39	6.24	7.92
		108		54.18	54.67	54.63	55.34	55.34	6.48	8.04
		144		54.13		54.58	55.28	55.30	6.60	7.80
338+25	2+50	0	54.29	54.32	54.82	54.79	55.51	55.49	6.36	8.28
		36	54.24	54.27	54.76	54.74	55.46	55.43	6.24	8.40
		72	54.21	54.22	54.72	54.71	55.40	55.39	6.12	8.16
		108	54.15	54.18	54.67	54.65	55.35	55.34	6.24	8.16
		144	54.09	54.13	54.63	54.59	55.30	55.30	6.48	8.04
338+75	3+00	0		54.29		54.74	55.47	55.46	6.60	8.16
		36		54.24		54.69	55.43	55.42	6.72	8.16
		72		54.19		54.75	55.37	55.36	5.28	8.16
		108	54.18	54.15	54.64	54.68	55.33	55.31	5.52	8.28
		144		54.10		54.54	55.28	55.27	6.72	8.16
339+25	3+50	0	54.20	54.23	54.74	54.70	55.43	55.41	6.48	8.28
		36	54.15	54.18	54.68	54.65	55.37	55.35	6.36	8.28
		72	54.11	54.13	54.64	54.61	55.31	55.31	6.36	8.04
		108	54.05	54.09	54.58	54.55	55.27	55.25	6.36	8.28
		144	54.00	54.04	54.54	54.50	55.20	55.21	6.48	7.92
339+75	4+00	0	54.13	54.14	54.64	54.63	55.31	55.31	6.12	8.04
		36	54.10	54.09	54.60	54.60	55.26	55.27	6.00	7.92
		72	54.05	54.04	54.55	54.55	55.21	55.22	6.00	7.92
		108	53.99	54.00	54.51	54.49	55.16	55.18	6.24	7.80
		144	53.94	53.95	54.46	54.44	55.11	55.13	6.24	7.80
340+25	4+50	0	54.02	54.00	54.52	54.52	55.20	55.19	6.00	8.16
		36	54.00	53.95	54.47	54.50	55.16	55.14	5.64	8.28
		72		53.90	54.42	54.45	55.11	55.09	5.64	8.28
		108	53.89	53.86	54.38	54.39	55.06	55.05	5.88	8.16
		144	53.83	53.81	54.33	54.33	55.01	55.00	6.00	8.16
340+75	5+00	0	53.92	53.90	54.40	54.42	55.07	55.07	5.76	8.04
		36	53.86	53.85	54.36	54.36	55.03	55.03	6.00	8.04
		72	53.83	53.80	54.32	54.33	54.99	54.99	5.88	8.04
		108	53.79	53.76	54.26	54.29	54.95	54.93	5.64	8.28
		144	53.74	53.71	54.22	54.24	54.89	54.89	5.76	8.04
341+00	5+25	0	53.84	53.84	54.34	54.34	55.00	55.01	6.00	7.92
		36	53.81	53.79	54.30	54.31	54.97	54.97	5.88	8.04
		72	53.75	53.74	54.25	54.25	54.92	54.92	6.00	8.04
		108	53.70	53.70	54.20	54.20	54.87	54.87	6.00	8.04
		144	53.64	53.65	54.16	54.14	54.81	54.83	6.24	7.80
								Avg.	6.16	7.97
								Standard Dev.	0.31	0.20
								Max.	6.72	8.40
								Min		

Preparer. Brad Young – ODOT – 2/16/95

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Figure D-8. Layer and Elevation Thickness for Section 390205.

-yer number
2 | 3 |

Project Sta.	SHRP Sta.	Offset from c/l (in.)	ELEVATIONS (9__ ft.) Subgrade shot	Subgrade plan	6" DGAB shot	6" DGAB plan	8" PCC shot	8" PCC plan	LAYER THICKNESS (in.) 6"DGAB	8"PCC
342+75	0-25	0	53 53	53 51	54 01	54 03	[illegible]	54 68	5.76	8.64
		36	53 50	53 46	53 99	54 00	54 68	54 66	5 88	8.28
		72	53 44	53 42	53 96	53 94	54 61	54 63	6.24	7 80
		108	53 39	53 37	53 91	53 89	54 56	54 58	6 24	7 80
		144	53 34	53 32	53 85	53 84	54 50	54 52	6 12	7 80
343+00	0+00	0	53 49	53 50	53 98	53 99	54 69	54 65	5 88	8 52
		36	53 45	53 45	53 94	53 95	54 65	54 61	5.88	8.52
		72	53 40	53 41	53 92	53 90	54 60	54 59	6 24	8.16
		108	53 35	53 36	53 88	53 85	54 54	54 55	6.36	7.92
		144	53 31	53 31	53 84	53 81	54 49	54 51	6.36	7 80
343+50	0+50	0	53 45	53 48	53 96	53 95	54 66	54 63	6.12	8 40
		36	53 42	53 43	53 92	53 92	54.61	54 59	6.00	8.28
		72	53 36	53 39	53 88	53 86	54 56	54 55	6.24	8.16
		108	53 32	53 34	53 84	53 82	54 51	54 51	6 24	8.04
		144	53 27	53 29	53 79	53 77	54 45	54 46	6 24	7 92
344+00	1+00	0	53 47	53 50	53 99	53 97	54 65	54 66	6 24	7 92
		36	53 45	53 45	53 95	53 95	54 60	54 62	6.00	7 80
		72	53 38	53 41	53 91	53 88	54 55	54 58	6 36	7 68
		108	53 32	53 36	53 85	53 82	54 50	54 52	6 36	7 80
		144	53 27	53 31	53 81	53 77	54 46	54 48	6 48	7 80
344+50	1+50	0	[illegible]	53 54	54 03	53 99	54 70	54 70	6.48	8.04
		36	53 46	53 49	54 00	53 96	54 65	54 67	6.48	7 80
		72	53 43	53 45	53 96	53 93	54 60	54 63	6 36	7 68
		108	53 39	53 40	[illegible]	53 89	54 57	54 61	6 60	7 56
		144	53 35	53 35	53 88	53 85	54 51	54 55	6 36	7 56
345+00	2+00	0	53 60	53 61	54 11	54.10	54 77	54 78	6.12	7.92
		36	53 56	53 56	54 07	54 06	54 73	54.74	6.12	7 92
		72	53 51	53 52	54 03	54 01	54 68	54 70	6 24	7 80
		108	53 47	53 47	53 99	53 97	54 64	54 66	6 24	7 80
		144	53 42	53 42	53 94	53 92	54 60	54 61	6 24	7 92
345+50	2+50	0	53 68	53 72	54 22	54 18	54 88	54 89	6 48	7 92
		36	53 65	53 67	54 19	54 15	54 83	54 86	6.48	7 68
		72	53 62	53 63	54 11	54 12	54 78	54 78	5.88	8.04
		108	53 57	53 58	54 08	54 07	54 73	54 75	6.12	7 80
		144	53 52	53 53	54 03	54 02	54 69	54 70	6.12	7 92
346+00	3+00	0	53 80	53 84	54 32	54 30	54 99	54 99	6.24	8 04
		36	53 75	53 79	54 29	54 25	54 94	54 96	6 48	7 80
		72	53 73	53 75	54 25	54 23	54 89	54 92	6 24	7 68
		108	53 68	53 70	54 19	54 18	54 84	54 86	6 12	7 80
		144	53 64	53 65	54 12	54 14	54 79	54 79	5 76	8 04
346+50	3+50	0	53 98	53 96	54 44	54 48	55 11	55 11	5 52	8.04
		36	53 94	53 91	54 41	54 44	55 07	55 08	5 64	7 92
		72	53 88	53 87	54 37	54 38	55 02	55 04	5 88	7 80
		108	53 84	53 82	54 34	54 34	54 98	55 01	6 00	7.68
		144	53 80	53.77	54 29	54 30	54 93	54 96	5 88	7 68
347+00	4+00	0	54 07	54 08	54 59	54 57	55 22	55 26	6.24	7.56
		36	54 02	54 03	54 52	54 52	55 18	55 19	6 00	7 92
		72	53 95	53 99	54 47	54 45	55 13	55 14	6 24	7 92
		108	53 92	53 94	54 44	54 42	55 09	55 11	6.24	7.80
		144	53 90	53 89	54 39	54 40	55 05	55 06	5 88	7 92
347+50	4+50	0	54 18	54 20	54 67	54 68	55 36	55 34	5.88	8.28
		36	54 16	54 15	54 62	54 66	55 31	55 29	5 52	8 28
		72	54 11	54 11	54 59	54 61	55 26	55 26	5 76	8 04
		108	54 07	54 06	54 57	54 57	55 22	55 24	6 00	7 80
		144	54 03	54 01	54 51	54 53	55 17	55 18	5 76	7 92
348+00	5+00	0	54 28	54 32	54 78	54 78	[illegible]	55 45	6 00	8 64
		36	54 25	54 27	54 78	54 75	55 44	55 45	6.36	7 92
		72	54 19	54 23	54 73	54 69	55 39	55 40	6.48	7 92
		108	54 15	54 18	54 69	54 65	55 34	55 36	6.48	7 80
		144	54 10	54 13	54 63	54 60	55 29	55 30	6 36	7 92
348+25	5+25	0	54 36	54 38	54 87	54 86	55 54	55 54	6 12	8 04
		36	54 31	54 33	54 84	54 81	55 50	55 51	6 36	7 92
		72	54 29	54 29	54 79	54 79	55 44	55 46	6.00	7 80
		108	54 23	54 24	54 74	54 73	55 39	55 41	6.12	7.80
		144	54 17	54 19	54 68	54 67	55 33	55 35	6 12	7 80

	6"DGAB	8"PCC
Avg.	6.14	7 94
Standard Dev	0 25	0.24
Max	6 60	8 64
Min.	5 52	7 56

Prep'ner [illegible] - 2/16/96

Figure D-9. Layer and Elevation Thickness for Section 390201.

Project Sta.	SHRP Sta.	Offset (from c/l (in.)	ELEVATIONS (9 ft.) Subgrade shot	Subgrade plan	4" DGAB shot	4" DGAB plan	4" PATB shot	4" PATB plan	8" PCC shot	8" PCC plan	LAYER THICKNESS (in.) Layer number 2: 4" DGAB subbase	Layer number 3: 4" PATB base	Layer number 4: 8" PCC
350+00	0-25	0	54 37	54 40	54 70	54 70	55 03	55 03	55 71	55.70	3.96	3.96	8.16
		36	54 32	54 35	54 68	54 65	55 03	55 01	55 67	55 70	4.32	4.20	7.68
		72	54 26	54 30	54 62	54 59	54 99	54 95	[illegible]	55 66	4.32	4.44	7.44
		108	54 22	54 26	54 57	54 55	54 94	54 90	55 57	55 61	4.20	4.44	7 56
		144	54 21	54 21	54 52	54 54	54 86	54 85	55 52	55 53	3.72	4 08	7 92
350+25	0+00	0	[illegible]	54 40	54 72	54 68	55 04	55 05	55 71	55 71	4.44	3.84	8.04
		36	54 31	54 35	54 68	54.64	55 00	55 01	55 66	55 67	4.44	3.84	7.92
		72	54 28	54 30	54 64	54 61	54 96	54 97	55 61	55 63	4.32	3.84	7.80
		108	54 25	54 26	54 60	54 58	54 92	54 93	55 56	55 59	4.20	3.84	7.68
		144	54 22	54 21	54 53	54 55	54 86	54 86	55 52	55 53	3 72	3.96	7 92
350+75	0+50	0	54 38	54 37	54 68	54 71	55 01	55 01	55 67	55.68	3.60	3.96	7.92
		36	54 34	54 32	54 66	54 67	54 98	54 99	55 62	55.65	3.84	3.84	7.68
		72	54 26	54 27	54 62	54 59	54.94	54.95	55 57	55 61	4.32	3.84	7.56
		108	54 23	54 23	54 56	54 56	54 89	54 89	55 53	55.56	3.96	3.96	7.68
		144	54 19	54 18	54 51	54 52	54 82	54 84	55 48	55 49	3.84	3.72	7 92
351+25	1+00	0	54 27	54 31	54 63	54 60	54 95	54 96	55 63	55 62	4.32	3.84	8.16
		36	54 27	54 26	54 59	54 60	54 93	54 92	55 59	55 60	3.84	4.08	7.92
		72	54 21	54 21	54 56	54.54	54 91	54 89	55 55	55 58	4.20	4.20	7 68
		108	54 19	54 17	54 51	54 52	54 87	54 84	55 50	55 54	3.84	4.32	7.56
		144	54 12	54 12	54 45	54 45	54 80	54 78	55 44	55 47	3 96	4 20	7 68
351+75	1+50	0	54 21	54 22	54 52	54 54	54 81	54 85	[illegible]	55 48	3.72	3.48	9.12
		36	54 16	54 17	54 51	54 49	[illegible]	54 84	[illegible]	55 43	4 20	3.00	9.12
		72	54 09	54 12	54 46	54 42	[illegible]	54 79	[illegible]	55 39	4.44	3.12	9 00
		108	54 06	54 08	54 42	54 39	[illegible]	54 75	[illegible]	55 36	4.32	3.24	8.76
		144	54 05	54 03	54 36	54 38	54 67	54 69	55 36	55 34	3.72	3 72	8 28
352+25	2+00	0	54 11	54 10	54 45	54 44	54 78	54 78	55 49	55 45	4.08	3.96	8.52
		36	54 07	54 05	54 41	54 40	54.76	54.74	55 44	55 43	4.08	4.20	8.16
		.72	54 03	54 00	54 37	54 36	54 73	54 70	55 38	55 40	4.08	4.32	7 80
		108	53 97	53 96	54 33	54 30	54 70	54 66	55 33	55 37	4.32	4.44	7.56
		144	53 92	53 91	54 28	54 25	54 64	54 61	55 29	55 31	4 32	4 32	7 80
352+75	2+50	0	53 98	53 98	54 31	54 31	54 64	54 64	55 34	55 31	3.96	3.96	8.40
		36	53 95	53 93	54 27	54 28	54 61	54 60	55 30	55 28	3.84	4.08	8.28
		72	53 90	53 88	54 23	54 23	54 56	54 56	55 23	55 23	3.96	3.96	8.04
		108	53 85	53 84	54 19	54.18	54 52	54 52	55 19	55.19	4.08	3.96	8 04
		144	53 81	53.79	54 12	54 14	54 47	54 45	55 14	55 14	3 72	4 20	8 04
353+25	3+00	0	[illegible]	53 86	[illegible]	54 14	54 51	54 53	55.20	55 18	4.68	3.72	8.28
		36	53.78	53 81	54 15	54.11	54 49	54.48	55 17	55 16	4.44	4.08	8.16
		72	53.78	53.76	54 11	54.11	54.45	54.44	55 12	55 12	3.96	4.08	8.04
		108	53.74	53.72	54.06	54.07	54.42	54 39	55 08	55 09	3.84	4.32	7.92
		144	53.71	53 67	54 00	54 04	54 35	54 33	55 02	55 02	3 48	4 20	8 04
353+75	3+50	0	53 75	53 74	54 08	54 08	54 40	54 41	55 09	55 07	3.96	3.84	8 28
		36	53 72	53 69	54 04	54 05	54 36	54 37	55 04	55 03	3.84	3.84	8.16
		72	53 68	53 64	54 00	54 01	54 34	54 33	55 00	55 01	3.84	4.08	7.92
		108	53 63	53 60	53 96	53 96	54 31	54 29	54 97	54 98	3.96	4.20	7.92
		144	53 58	53 55	53 91	53.91	54 28	54 24	54 93	54 95	3 96	4 44	7 80
354+25	4+00	0	53 64	53 62	53 95	53 97	54 25	54 28	54 96	54 92	3.72	3.60	8.52
		36	53 60	53 57	53 93	53 93	54 25	54 26	54 92	54 92	3.96	3.84	8.04
		72	53 54	53 52	53 87	53 87	54 23	54 20	54 88	54 90	3.96	4.32	7 80
		108	53 48	53 48	53.83	53 81	54 20	54 16	54 85	54 87	4.20	4.44	7 80
		144	53 43	53 43	53 79	53.76	54 14	54 12	54 80	54 81	4 32	4 20	7 92
354+75	4+50	0	53.46	53 50	53.83	53.79	54 14	54 16	[illegible]	54 81	4.44	3.72	8.64
		36	53 42	53 45	[illegible]	53.75	54 12	54 14	54 82	54 79	4.68	3.72	8.40
		72	53 39	53 40	53 76	53.72	54.10	54 09	54 78	54 77	4.44	4.08	8.16
		108	53.38	53 36	53.71	53 71	54 08	54 04	54 74	54 75	3.96	4.44	7.92
		144	53 35	53 31	53 67	53 68	54 04	54 00	54 70	54.71	3.84	4 44	7 92
355+25	5+00	0	53 36	53 38	53.71	53 69	54 04	54 04	[illegible]	54 71	4.20	3.96	8.76
		36	53 34	53 33	53 67	53 67	54 01	54 00	54 72	54 68	3.96	4 08	8.52
		72	53 31	53 28	53.64	53.64	53 95	53 97	[illegible]	54 62	3.96	3.72	8.76
		108	53 25	53 24	53 60	53 58	53 90	53 93	[illegible]	54 57	4.20	3.60	8.76
		144	53 19	53 19	53 55	53 52	53 86	53 88	[illegible]	54 53	4 32	3 72	8 64
355+50	5+25	0	[illegible]	53 32	53 64	53 60	53 96	53 97	[illegible]	54 63	4.44	3.84	8.88
		36	53 25	53 27	53 61	53 58	53 95	53 94	[illegible]	54 62	4.32	4.08	8.64
		72	53 22	53 22	53 56	53 55	53 92	53 89	54 61	54 59	4.08	4.32	8.28
		108	53 20	53 18	53 51	53 53	53 88	53 84	54 56	54 55	3.72	4.44	8.16
		144	53 15	53 13	[illegible]	53 48	[illegible]	53 76	54 52	54 50	3.36	4 80	8.28

	4" DGAB	4" PATB	8" PCC
Avg.	4.07	4.01	8.12
Standard Dev.	0.28	0.33	0.40
Max.	4.68	4.80	9.12
Min.	3 36	3 00	7 44

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[illegible]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Figure D-10. Layer and Elevation Thickness for Section 390209.

Layer number

			ELEVATIONS (9 ft)								LAYER THICKNESS (in)		
			Subgrade		4" DGAB		4" PCTB		11" RCC		4" DGAB (2)	4" PCTB (3)	11" RCC (4)
Project Sta.	SHRP Sta.	Offset from c/l (in.)	shot	plan*	shot	plan	shot	plan	shot	plan	subbase	base	
357+50	0-25	0	52.57	52.59	52.90	52.90	53.27	53.23	54.18	54.19	3.96	4.44	10.92
		36	52.53	52.54	52.89	52.86	53.23	53.22	54.15	54.15	4.32	4.08	11.04
		72	52.47	52.50	52.83	52.80	53.18	53.16	54.12	54.10	4.32	4.20	11.28
		108	52.44	52.45	52.80	52.77	53.14	53.13	54.08	54.06	4.32	4.08	11.28
		168	52.38	52.37	52.72	52.71	53.07	53.05	54.01	53.99	4.08	4.20	11.28
357+75	0+00	0	52.48	52.53	52.84	52.81	53.20	53.17	54.13	54.12	4.32	4.32	11.16
		36	52.44	52.48	[redacted]	52.77	53.15	53.16	54.10	54.07	4.68	3.84	11.40
		72	52.40	52.44	52.77	52.73	53.11	53.10	54.06	54.03	4.44	4.08	11.40
		108	52.35	52.39	[redacted]	52.68	53.07	53.06	54.02	53.99	4.56	4.08	11.40
		168	52.29	52.31	52.66	52.62	53.00	52.99	53.95	53.92	4.44	4.08	11.40
358+25	0+50	0	[redacted]	52.41	52.73	52.69	53.10	53.06	54.03	54.02	4.44	4.44	11.16
		36	52.33	52.36	52.70	52.66	53.06	53.03	53.98	53.98	4.44	4.32	11.04
		72	52.29	52.32	52.66	52.62	53.02	52.99	53.94	53.94	4.44	4.32	11.04
		108	52.24	52.27	52.61	52.57	52.97	52.94	53.91	53.89	4.44	4.32	11.28
		168	52.16	52.19	[redacted]	52.49	52.90	52.87	53.83	53.82	4.56	4.32	11.16
358+75	1+00	0	52.26	52.29	52.61	52.59	[redacted]	52.94	53.93	53.93	4.20	4.80	11.04
		36	52.27	52.24	52.59	52.60	[redacted]	52.92	53.89	53.90	3.84	4.68	10.92
		72	52.18	52.20	52.55	52.51	52.92	52.88	53.84	53.84	4.44	4.44	11.04
		108	52.12	52.15	[redacted]	52.45	[redacted]	52.83	53.79	53.80	4.56	4.56	10.92
		168	52.04	52.07	[redacted]	52.37	52.78	52.75	53.73	53.70	4.56	4.32	11.40
359+25	1+50	0	52.15	52.17	52.52	52.48	52.89	52.85	53.80	53.81	4.44	4.44	10.92
		36	52.12	52.12	52.48	52.45	52.84	52.81	53.76	53.76	4.32	4.32	11.04
		72	52.07	52.08	52.43	52.40	52.79	52.76	53.72	53.71	4.32	4.32	11.16
		108	52.02	52.03	52.39	52.35	52.74	52.72	53.67	53.66	4.44	4.20	11.16
		168	51.97	51.95	52.33	52.30	52.66	52.66	53.59	53.58	4.32	3.96	11.16
359+75	2+00	0	52.04	52.05	52.40	52.37	52.75	52.73	53.68	53.67	4.32	4.20	11.16
		36	52.01	52.00	52.37	52.34	52.69	52.70	53.64	53.61	4.32	3.84	11.40
		72	51.96	51.96	52.31	52.29	52.61	52.64	[redacted]	53.53	4.20	3.60	11.88
		108	51.90	51.91	52.27	52.23	52.58	52.60	[redacted]	53.50	4.44	3.72	11.64
		168	51.85	51.83	52.20	52.18	52.52	52.53	53.46	53.44	4.20	3.84	11.28
360+25	2+50	0	51.91	51.93	52.28	52.24	52.64	52.61	53.54	53.56	4.44	4.32	10.80
		36	51.87	51.88	52.24	52.20	52.61	52.57	53.50	53.53	4.44	4.44	10.68
		72	51.81	51.84	52.18	52.14	[redacted]	52.51	53.46	53.48	4.44	4.56	10.80
		108	51.76	51.79	52.13	52.09	52.50	52.46	53.42	53.42	4.44	4.44	11.04
		168	51.71	51.71	52.07	52.04	52.42	52.40	53.33	53.34	4.32	4.20	10.92
360+75	3+00	0	51.80	51.81	52.11	52.13	52.48	52.44	53.41	53.40	3.72	4.44	11.16
		36	51.76	51.76	52.11	52.09	52.42	52.44	53.37	53.34	4.20	3.72	11.40
		72	51.70	51.72	52.07	52.03	52.40	52.40	53.33	53.32	4.44	3.96	11.16
		108	51.64	51.67	[redacted]	51.97	52.36	52.35	53.28	53.28	4.56	4.08	11.04
		168	51.58	51.59	51.93	51.91	52.29	52.26	53.20	53.21	4.20	4.32	10.92
361+25	3+50	0	51.70	51.69	52.03	52.03	52.40	52.36	53.30	53.32	3.96	4.44	10.80
		36	51.65	51.64	52.00	51.98	52.35	52.33	53.26	53.27	4.20	4.20	10.92
		72	51.59	51.60	51.95	51.92	52.30	52.28	53.21	53.22	4.32	4.20	10.92
		108	51.52	51.55	[redacted]	51.85	52.25	52.23	53.17	53.17	4.56	4.20	11.04
		168	51.47	51.47	51.84	51.80	52.19	52.17	53.08	53.11	4.44	4.20	10.68
361+75	4+00	0	51.57	51.57	51.92	51.90	52.29	52.25	53.22	53.21	4.20	4.44	11.16
		36	51.52	51.52	51.88	51.85	52.25	52.21	53.17	53.17	4.32	4.44	11.04
		72	51.47	51.48	51.84	51.80	52.20	52.17	53.11	53.12	4.44	4.32	10.92
		108	51.42	51.43	51.77	51.75	52.14	52.10	53.06	53.06	4.20	4.44	11.04
		168	51.36	51.35	51.71	51.69	52.08	52.04	52.97	53.00	4.20	4.44	10.68
362+25	4+50	0	51.41	51.45	51.78	51.74	52.12	52.11	53.04	53.04	4.44	4.08	11.04
		36	[redacted]	51.40	[redacted]	51.68	52.08	52.06	53.00	53.00	4.56	4.20	11.04
		72	[redacted]	51.36	51.68	51.64	52.04	52.01	52.95	52.96	4.44	4.32	10.92
		108	51.27	51.31	51.64	51.60	51.99	51.97	52.91	52.91	4.44	4.20	11.04
		168	51.21	51.23	51.56	51.54	[redacted]	51.89	[redacted]	52.87	4.20	4.68	10.32
362+75	5+00	0	[redacted]	51.33	51.64	51.61	51.99	51.97	52.90	52.91	4.32	4.20	10.92
		36	[redacted]	51.28	51.60	51.56	51.95	51.93	52.86	52.87	4.44	4.20	10.92
		72	51.20	51.24	51.55	51.53	51.89	51.88	52.81	52.81	4.20	4.08	11.04
		108	51.15	51.19	51.49	51.48	51.84	51.82	52.76	52.76	4.08	4.20	11.04
		168	51.10	51.11	51.41	51.43	51.78	51.74	52.67	52.70	3.72	4.44	10.68
363+00	5+25	0	51.25	51.27	51.61	51.58	51.91	51.94	52.83	52.83	4.32	3.60	11.04
		36	51.20	51.22	51.57	51.53	51.88	51.90	52.78	52.80	4.44	3.72	10.80
		72	51.16	51.18	51.53	51.49	51.85	51.86	52.74	52.77	4.44	3.84	10.68
		108	51.10	51.13	[redacted]	51.43	51.82	51.81	52.70	52.74	4.56	4.08	10.56
		168	51.06	51.05	51.41	51.39	51.70	51.74	52.61	52.62	4.20	3.48	10.92

	4" DGAB (2)	4" PCTB (3)	11" RCC (4)
Avg.	4.33	4.21	11.05
Standard Dev.	0.19	0.27	0.25
Max.	4.68	4.80	11.88
Min.	3.72	3.48	10.32

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[redacted]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Figure D-11. Layer and Elevation Thickness for Section 390261.

Project Sta.	SHRP Sta.	Offset from c/l (in.)	ELEVATIONS (9__.__ ft.) Subgrade shot	Subgrade plan*	4" DGAB shot	4" DGAB plan*	4" PATB shot	4" PATB plan	11" PCC shot	11" PCC plan*	LAYER THICKNESS (in.) Layer Number 2: 4" DGAB subbase*	3: 4" PATB base*	4: 11" PCC
368+75	0-25	0	51.67	51.69	52.02	52.00	52.38	52.35			4.20	4.32	
		36	51.62	51.64		51.95	52.31	52.34			4.68	3.60	
		72	51.59	51.60	51.95	51.92	52.26	52.28			4.32	3.72	
		108	51.55	51.55	51.90	51.88	52.20	52.23			4.20	3.60	
		168	51.51	51.47	51.84	51.84	52.14	52.17			3.96	3.60	
369+00	0+00	0	51.75	51.75	52.10	52.08	52.43	52.43	53.36	53.35	4.20	3.96	11.16
		36	51.74	51.70	52.09	52.07	52.41	52.42	53.31	53.33	4.20	3.84	10.80
		72		51.66	52.02	52.04	52.36	52.35	53.27	53.28	3.72	4.08	10.92
		108		51.61	51.97	51.99	52.30	52.30	53.21	53.22	3.72	3.96	10.92
		168	51.57	51.53	51.87	51.90	52.22	52.20	53.12	53.14	3.60	4.20	10.80
369+50	0+50	0	51.88	51.87	52.18	52.21	52.52	52.51	53.52	53.44	3.60	4.08	12.00
		36	51.83	51.82	52.15	52.16	52.47	52.48	53.47	53.39	3.84	3.84	12.00
		72	51.80	51.78	52.09	52.13	52.43	52.42	53.44	53.35	3.48	4.08	11.76
		108	51.75	51.73	52.04	52.08	52.38	52.37	53.34	53.30	3.48	4.08	11.52
		168	51.68	51.65	51.98	52.01	52.29	52.31	53.24	53.21	3.60	3.72	11.40
370+00	1+00	0	51.95	51.99		52.28	52.63	52.66	53.58	53.55	4.56	3.60	11.40
		36	51.90	51.94	52.26	52.23	52.59	52.59	53.54	53.51	4.32	3.96	11.40
		72	51.86	51.90	52.20	52.19	52.53	52.53	53.48	53.45	4.08	3.96	11.40
		108	51.83	51.85	52.15	52.16	52.47	52.48	53.44	53.39	3.84	3.84	11.64
		168	51.79	51.77	52.08	52.12	52.40	52.41	53.34	53.32	3.48	3.84	11.28
370+50	1+50	0	52.09	52.11	52.42	52.42	52.75	52.75	53.68	53.67	3.96	3.96	11.16
		36	52.04	52.06	52.38	52.37	52.72	52.71	53.64	53.64	4.08	4.08	11.04
		72	52.00	52.02	52.33	52.33	52.67	52.66	53.59	53.59	3.96	4.08	11.04
		108	51.97	51.97	52.29	52.30	52.62	52.60	53.54	53.54	3.84	4.20	11.04
		168	51.92	51.89	52.21	52.25	52.52	52.54	53.45	53.44	3.48	3.72	11.16
371+00	2+00	0	52.19	52.23	52.53	52.52	52.87	52.86	53.81	53.79	4.08	4.08	11.28
		36	52.15	52.18	52.50	52.48	52.83	52.83	53.77	53.75	4.20	3.96	11.28
		72	52.12	52.14	52.46	52.45	52.79	52.79	53.72	53.71	4.08	3.96	11.16
		108	52.09	52.09	52.42	52.42	52.75	52.75	53.67	53.67	3.96	3.96	11.04
		168	52.04	52.01	52.35	52.37	52.65	52.68	53.57	53.57	3.72	3.60	11.04
371+50	2+50	0	52.32	52.35	52.66	52.65	53.02	52.99	53.92	53.94	4.08	4.32	10.80
		36	52.28	52.30	52.64	52.61	52.96	52.97	53.88	53.88	4.32	3.84	11.04
		72	52.25	52.26	52.61	52.58	52.91	52.94	53.83	53.83	4.32	3.60	11.04
		108	52.21	52.21	52.56	52.54	52.86	52.89	53.78	53.78	4.20	3.60	11.04
		168	52.17	52.13	52.47	52.50	52.76	52.80	53.69	53.68	3.60	3.48	11.16
372+00	3+00	0	52.44	52.47	52.78	52.77	53.10	53.11	54.06	54.02	4.08	3.84	11.52
		36	52.40	52.42	52.76	52.73	53.06	53.09	54.01	53.98	4.32	3.60	11.40
		72	52.37	52.38	52.71	52.70	53.01	53.04	53.96	53.93	4.08	3.60	11.40
		108	52.33	52.33	52.65	52.66	52.96	52.98	53.91	53.88	3.84	3.72	11.40
		168	52.29	52.25		52.62	52.90	52.88	53.82	53.82	3.12	4.20	11.04
372+50	3+50	0	52.56	52.59	52.91	52.89	53.25	53.24	54.18	54.17	4.20	4.08	11.16
		36	52.52	52.54	52.88	52.85	53.22	53.21	54.14	54.14	4.32	4.08	11.04
		72	52.48	52.50	52.85	52.81	53.17	53.18	54.10	54.09	4.44	3.84	11.16
		108	52.45	52.45	52.81	52.78	53.12	53.14	54.04	54.04	4.32	3.72	11.04
		168		52.37	52.73	52.75	53.04	53.06	53.95	53.96	3.72	3.72	10.92
373+00	4+00	0	52.67	52.71		53.00		53.37		54.24	4.56	3.36	12.24
		36	52.62	52.66		52.95	53.28	53.32		54.20	4.68	3.48	12.12
		72	52.60	52.62	52.96	52.93	53.27	53.28		54.19	4.32	3.84	11.64
		108	52.55	52.57	52.92	52.88	53.24	53.22	54.19	54.16	4.44	4.20	11.40
		168	52.53	52.49	52.87	52.86	53.21	53.20	54.12	54.13	4.08	4.08	10.92
373+50	4+50	0	52.79	52.83	53.13	53.12	53.45	53.46	54.41	54.37	4.08	3.84	11.52
		36	52.75	52.78		53.08		53.46	54.36	54.32	4.56	3.24	11.52
		72	52.72	52.74	53.07	53.05	53.37	53.40	54.32	54.29	4.20	3.60	11.40
		108	52.69	52.69	53.02	53.02	53.32	53.35	54.28	54.24	3.96	3.60	11.52
		168	52.65	52.61		52.98	53.26	53.25	54.19	54.18	3.24	4.08	11.16
374+00	5+00	0	52.92	52.95	53.26	53.25	53.55	53.59		54.47	4.08	3.48	12.00
		36	52.88	52.90	53.23	53.21		53.56		54.43	4.20	3.36	12.12
		72	52.84	52.86	53.20	53.17	53.50	53.53		54.42	4.32	3.60	11.64
		108	52.81	52.81	53.14	53.14	53.46	53.47		54.38	3.96	3.84	11.64
		168	52.77	52.73		53.10	53.38	53.36	54.34	54.30	3.12	4.20	11.52
374+25	5+25	0	52.98	53.01	53.34	53.31	53.65	53.67		54.57	4.32	3.72	11.88
		36	52.94	52.96	53.28	53.27	53.61	53.61		54.53	4.08	3.96	11.88
		72	52.91	52.92	53.23	53.24	53.57	53.56		54.49	3.84	4.08	11.76
		108	52.87	52.87	53.18	53.20	53.52	53.51		54.44	3.72	4.08	11.88
		168	52.82	52.79	53.11	53.15	53.47	53.44	54.41	54.39	3.48	4.32	11.28

*** DATA MISSED ***

	4" DGAB	4" PATB	11" PCC
Avg.	4.01	3.86	11.36
Standard Dev.	0.36	0.25	0.36
Max.	4.68	4.32	12.24
Min.	3.12	3.24	10.80

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[redacted]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Figure D-12. Layer and Elevation Thickness for Section 390211.

			ELEVATIONS (9[illegible] ft.)								LAYER THICKNESS (in.)		
											3	4	3
Project Sta.	VSHRP Sta.	Offset from ℄ (in.)	Subgrade shot	Subgrade plan	4" DGAB shot	4" DGAB plan	4" PATB shot	4" PATB plan	11" PCC shot	11" PCC plan	4" DGAB subbase	4" PATB base	11" PCC surface
375+85	0-25	0	53 31	53 34	53 66	53 64	53 97	53 99	54 92	54 89	4.20	3.72	11.40
		36	53 28	53 29	53 62	53 61	53 94	53 95	54 85	54 86	4.08	3.84	10.92
		72	[illegible]	53 25	[illegible]	53 53	53 89	53 91	54 80	54 81	4.56	3.72	10.92
		108	53 17	53 20	53 54	53 50	53 84	53 87	54 74	54 76	4 44	3.60	10.80
		168	53 10	53 12	[illegible]	53 43	53 82	53 82	54 68	54.71	4 68	3 96	11 04
376+10	0+00	0	[illegible]	53 37	53 67	53 65	53 97	54 00	54 92	54 89	4.20	3.60	11.40
		36	53 29	53 32	53 61	53 62	53 94	53 94	54 86	54 86	3.84	3.96	11.04
		72	[illegible]	53 28	53 57	53 56	53.90	53 90	54 81	54 82	4.08	3.96	10.92
		108	53 19	53 23	53 55	53 52	53 86	53 88	54 76	54.78	4.32	3.72	10.80
		168	53 12	53 15	53 47	53 45	53 80	53 80	54 70	54 73	4 20	3 96	10.80
376+60	0+50	0	[illegible]	53 40	53 69	53 68	54.00	54 02	54 94	54 92	4.08	3.72	11.28
		36	53 31	53 35	53 64	53 64	53.98	53 97	54 90	54 90	3.96	4.08	11.04
		72	53 28	53 31	53 59	53 61	53 95	53 92	54 84	54 87	3.72	4.32	10.68
		108	53 23	53 26	53 56	53 56	53.90	53 89	54 79	54 82	3.96	4.08	10.68
		168	53 19	53.18	53 49	53 52	53 82	53 82	54 73	54 77	3 60	3 96	10 56
377+10	1+00	0	[illegible]	53 41	53 71	53 69	[illegible]	54 04	[illegible]	54 91	4.20	3.36	12.00
		36	53 32	53 36	53 65	53 65	53 97	53 98	54 93	54 89	3.96	3.84	11.52
		72	53 30	53 32	53 61	53 63	53.94	53 94	54 87	54 86	3.72	3.96	11.16
		108	[illegible]	53 27	53 59	53 55	53 90	53 92	54 82	54.82	4.44	3.72	11.04
		168	53 19	53 19	53 54	53 52	53 87	53 87	54 76	54 77	4 20	3.96	10 92
377+60	1+50	0	53 38	53 37	53 73	53 71	[illegible]	54 06	54 97	54 93	4.20	3.36	11.52
		36	53 34	53 32	53 67	53 67	53 98	54 00	54 93	54 90	3.96	3.72	11.40
		72	53 31	53 28	53 62	53 64	53.94	53.95	54 88	54 86	3.72	3.84	11.28
		108	53 26	53 23	53 57	53 59	53 89	53 90	54 82	54 81	3.72	3.84	11.16
		168	53 19	53 15	53 51	53 52	53.84	53 84	54 78	54 76	3 84	3 96	11 40
378+10	2+00	0	[illegible]	53 31	[illegible]	53 58	53 94	53 98	[illegible]	54 86	4 80	3.48	12.12
		36	53 22	53 26	[illegible]	53 55	53 93	53 93	54 89	54 85	4.56	3.96	11.52
		72	53 18	53 22	[illegible]	53 51	53 89	53 89	54 83	54.81	4 56	3.96	11.28
		108	[illegible]	53 17	[illegible]	53 45	53 85	53 85	54 78	54 77	4.80	3.96	11.16
		168	53 06	53 09	[illegible]	53.39	53 79	53 79	54 71	54 72	4 80	3 96	11.04
378+60	2+50	0	53.19	53 21	53 52	53 52	[illegible]	53 85	[illegible]	54 72	3.96	3.36	12.12
		36	53.15	53 16	53.48	53 48	53 80	53 81	54 75	54 72	3.96	3.84	11.40
		72	53 11	53 12	53 43	53 44	53.76	53 76	54 70	54 68	3.84	3.96	11.28
		108	53.06	53 07	53 40	53 39	53 71	53.73	54 65	54 63	4.08	3.72	11.28
		168	52 98	52 99	53 31	53 31	53 64	53 64	54 56	54 58	3 96	3.96	10 92
379+10	3+00	0	53 11	53 08	53 40	53 44	53 71	53 73	54 67	54 63	3.48	3.72	11.52
		36	53 02	53 03	53 37	53.35	53 70	53 70	54 62	54 62	4.20	3.96	11.04
		72	52 96	52 99	53 32	53 29	53 64	53 65	54 56	54 56	4.32	3.84	11 04
		108	52 94	52 94	53 29	53 27	53 62	53 62	54 52	54.54	4 20	3.96	10.80
		168	52 85	52 86	[illegible]	53 18	53 56	53 56	54 46	54 49	4 56	3 96	10 80
379+60	3+50	0	52 90	52 94	53.25	53 23	53 57	53 58	54 53	54 49	4.20	3.84	11.52
		36	52 89	52 89	53 22	53 22	53 53	53 55	54 48	54 45	3.96	3.72	11.40
		72	52 84	52 85	53 17	53 17	53 49	53 50	54 43	54 41	3.96	3.84	11.28
		108	52 78	52 80	53 12	53 11	53 44	53 45	54 38	54 36	4.08	3 84	11.28
		168	52 71	52 72	53 06	53 04	53 39	53 39	54 33	54 31	4 20	3 96	10.80
380+10	4+00	0	52 76	52 80	53 09	53 09	53 39	53 42	[illegible]	54 31	3.96	3.60	11.88
		36	52 74	52 75	53 05	53 07	53 38	53 38	54 34	54 30	3.72	3.96	11.52
		72	52 71	52 71	53 00	53 04	53 34	53 33	54 29	54 26	3.48	4.08	11.40
		108	52 66	52 66	52 95	52 99	53 30	53 28	54 24	54.22	3.48	4.20	11.28
		168	52 58	52 58	52 87	52 91	53 20	53 20	54 11	54 07	3 48	3 96	11 16
380+60	4+50	0	[illegible]	52 66	52 95	52.94	53.25	53.28	[illegible]	54 17	4.08	3.60	12.00
		36	52.61	52 61	52 92	52 94	53 24	53 25	[illegible]	54 16	3.72	3 84	11.64
		72	52 56	52 57	52 88	52 89	53 19	53 21	[illegible]	54 11	3.84	3.72	11.76
		108	52 52	52 52	52 84	52 85	53 14	53 17	[illegible]	54 06	3.84	3.60	11.76
		168	52 43	52 44	52.74	52 76	53 07	53 07	54 06	54 02	3 72	3 96	11 40
381+10	5+00	0	52 51	52 52	52 85	52 84	53 17	53 18	54 13	54 09	4 08	3 84	11 52
		36	52 49	52 47	52 86	52 82	[illegible]	53 19	54 08	54 06	4.44	3.36	11.28
		72	52 45	52 43	52 77	52 78	53 09	53.10	54 02	54 01	3.84	3.84	11.16
		108	52 40	52 38	52 71	52 73	53 04	53 04	53 97	53 96	3.72	3.96	11.16
		168	52 30	52 30	52 61	52 63	52.94	52 94	53 90	53 91	3 72	3.96	10 80
381+35	5+25	0	52 43	52 45	52 79	52.76	53 09	53 12	54 05	54 01	4 32	3.60	11.52
		36	52 40	52 40	52.71	52 73	53 05	53 04	54 00	53 97	3.72	4.08	11.40
		72	52 37	52 36	52 70	52 70	53 02	53 03	53 95	53 94	3.96	3.84	11.16
		108	52 33	52 31	52 65	52 66	52 97	52 98	53 90	53 89	3.84	3.84	11.16
		168	52 24	52 23	52 56	52 57	52 89	52 89	53 83	53 84	3 84	3.96	10 92

	4" DGAB	4" PATB	11" PCC
Avg.	4.05	3.84	11 25
Standard Dev.	0 33	0.20	0 35
Max	4 80	4 32	12 12
Min	3.48	3 36	10 56

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[illegible]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

[illegible] layers except the surface were to be the section [illegible] 4 lanes. The values for the surface thickness at the 12' E/O were interpolated

* 144" and not 168 . In order to calculate PCC thickness at 144" the elevation shots on the PATB layer at 108" and 168" needed to be interpolated to get elevation @ 144"

Figure D-13. Layer and Elevation Thickness for Section 390265.

			ELEVATIONS (9 ft.)						LAYER THICKNESS (In.)	
Project Sta.	TBHRP Sta.	Offset from c/l (In.)	Subgrade shot	Subgrade plan	6" DGAB shot	6" DGAB plan	11" PCC shot	11" PCC plan	6" DGAB	11" PCC
383+75	0-25	0	52.14	52.14	52.67	52.64	53.57	53.59	6.36	10.80
		36	52.10	52.09	52.61	52.60	53.53	53.53	6.12	11.04
		72	52.05	52.05	52.57	52.55	53.48	53.49	6.24	10.92
		108	52.00	52.00	52.53	52.50	53.44	53.45	6.36	10.92
		168	51.93	51.92	52.42	52.43	53.34	53.34	5.88	11.04
384+00	0+00	0	52.11	52.13	52.65	52.61	53.54	53.57	6.48	10.68
		36	52.09	52.08	52.62	52.59	53.51	53.54	6.36	10.68
		72	52.05	52.04	52.56	52.55	53.47	53.48	6.12	10.92
		108	52.00	51.99	52.52	52.50	53.43	53.44	6.24	10.92
		168	51.93	51.91	52.42	52.43	53.32	53.34	5.88	10.80
384+50	0+50	0	52.13	52.14	52.65	52.63	53.56	53.57	6.24	10.92
		36	52.09	52.09	52.61	52.59	53.52	53.53	6.24	10.92
		72	52.07	52.05	52.56	52.57	53.47	53.48	5.88	10.92
		108	52.02	52.00	52.53	52.52	53.41	53.45	6.12	10.56
		168	51.95	51.92	52.42	52.45	53.32	53.36	5.64	10.56
385+00	1+00	0	52.20	52.18	52.72	52.70	53.60	53.64	6.24	10.56
		36	52.14	52.13	[redacted]	52.64	[redacted]	53.60	5.28	10.44
		72	52.10	52.09	52.64	52.60	[redacted]	53.56	6.48	10.32
		108	52.04	52.04	[redacted]	52.54	[redacted]	53.51	6.60	10.32
		168	51.99	51.96	[redacted]	52.49	[redacted]	53.46	6.60	9.72
385+50	1+50	0	52.25	52.25	52.77	52.75	53.69	53.69	6.24	11.04
		36	52.22	52.20	52.74	52.72	53.65	53.66	6.24	10.92
		72	52.18	52.16	52.69	52.68	53.59	53.61	6.12	10.80
		108	52.13	52.11	52.65	52.63	53.55	53.57	6.24	10.80
		168	52.07	52.03	52.56	52.57	53.45	53.48	5.88	10.68
386+00	2+00	0	52.37	52.35	52.87	52.87	53.76	53.79	6.00	10.68
		36	52.31	52.30	52.82	52.81	53.73	53.74	6.12	10.92
		72	52.27	52.26	52.78	52.77	53.69	53.70	6.12	10.92
		108	52.23	52.21	52.74	52.73	53.65	53.66	6.12	10.92
		168	52.15	52.13	52.66	52.65	53.56	53.58	6.12	10.80
386+50	2+50	0	52.44	52.47	[redacted]	52.94	53.89	53.91	6.60	10.80
		36	52.40	52.42	[redacted]	52.90	53.84	53.87	6.60	10.68
		72	52.37	52.38	52.90	52.87	53.79	53.82	6.36	10.68
		108	52.32	52.33	52.86	52.82	53.75	53.78	6.48	10.68
		168	52.25	52.25	52.78	52.75	53.67	53.70	6.36	10.68
387+00	3+00	0	52.58	52.59	53.07	53.08	53.98	53.99	5.88	10.92
		36	52.53	52.54	53.05	53.03	53.95	53.97	6.24	10.80
		72	52.48	52.50	52.99	52.98	53.92	53.91	6.12	11.16
		108	52.42	52.45	52.94	52.92	53.88	53.86	6.24	11.28
		168	52.36	52.37	52.87	52.86	53.79	53.79	6.12	11.04
387+50	3+50	0	52.67	52.71	53.19	53.17	54.10	54.11	6.24	10.92
		36	52.63	52.66	53.16	53.13	54.06	54.08	6.36	10.80
		72	52.59	52.62	53.11	53.09	54.03	54.03	6.24	11.04
		108	52.54	52.57	53.07	53.04	53.99	53.99	6.36	11.04
		168	52.48	52.49	52.99	52.98	53.91	53.91	6.12	11.04
388+00	4+00	0	52.81	52.83	53.34	53.31	54.23	54.26	6.36	10.68
		36	52.78	52.78	53.30	53.28	54.22	54.22	6.24	11.03
		72	52.72	52.74	53.25	53.22	54.15	54.17	6.36	10.80
		108	52.68	52.69	53.21	53.18	54.11	54.13	6.36	10.80
		168	52.63	52.61	53.13	53.13	54.03	54.05	6.00	10.80
388+50	4+50	0	52.92	52.94	53.46	53.42	[redacted]	54.38	6.48	10.44
		36	52.90	52.89	53.42	53.40	[redacted]	54.34	6.24	10.44
		72	52.85	52.85	53.36	53.35	54.24	54.28	6.12	10.56
		108	52.80	52.80	53.33	53.30	54.21	54.25	6.36	10.56
		168	52.74	52.72	53.26	53.24	54.14	54.18	6.24	10.56
389+00	5+00	0	52.98	53.01	53.50	53.48	54.46	54.42	6.24	11.52
		36	52.94	52.96	53.47	53.44	54.42	54.39	6.36	11.40
		72	52.90	52.92	53.41	53.40	54.35	54.33	6.12	11.28
		108	52.85	52.87	53.37	53.35	54.32	54.29	6.24	11.40
		168	52.78	52.79	53.32	53.28	54.24	54.24	6.48	11.04
389+25	5+25	0	[redacted]	53.04	53.52	53.48	54.48	54.44	6.48	11.52
		36	52.96	52.99	53.49	53.46	54.44	54.41	6.36	11.40
		72	52.91	52.95	53.45	53.41	54.39	54.37	6.48	11.28
		108	52.88	52.90	53.41	53.38	54.36	54.33	6.36	11.40
		168	52.81	52.82	53.35	53.31	54.27	54.27	6.48	11.04
									6" DGAB	11" PCC
								Avg.	6.23	10.86
								Standard Dev.	0.23	0.31
								Max.	6.60	11.52
								Min.	5.28	9.72

Preparer : Brad Young - ODOT - 2/16/96

[redacted]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Figure D-14. Layer and Elevation Thickness for Section 390203.

			ELEVATIONS (9___ ft.)						LAYER THICKNESS (in.)	
									2	3
Project Sta.	SHRP Sta.	Offset from c/l (in.)	Subgrade shot	Subgrade plan	6" LCB shot	6" LCB plan	11" PCC shot	11" PCC plan	6"LCB	11"PCC
391+00	0-25	0	52 99	53 01	53 51	53 49	54 45	54 43	6.24	11.28
		36	52 95	52 96	53 47	53 45	54 41	54 39	6.24	11 28
		72	52 90	52 92	53 43	53 40	54 36	54 35	6 36	11.16
		108	52 85	52 87	53 38	53 35	54 32	54 30	6 36	11.28
		144	52 79	52 82	[illegible]	53 29	54 27	54 27	6 72	11 04
391+25	0+00	0	52 97	52 98	53 50	53 47	54 40	54 42	6.36	10.80
		36	52 93	52 93	53 45	53 43	54 37	54 37	6 24	11 04
		72	52 88	52 89	53 41	53 38	54 32	54 33	6.36	10.92
		108	52 83	52 84	53 37	53 33	54 28	54 29	6.48	10.92
		144	52 78	52 79	53 32	53 28	54 23	54 24	6 48	10 92
391+75	0+50	0	52 86	52 89	53 38	53 36	54 32	54 30	6.24	11.28
		36	52 83	52 84	53 34	53 33	54 29	54 26	6.12	11.40
		72	52 79	52 80	53 31	53 29	54 24	54 23	6.24	11.16
		108	52 74	52 75	53 26	53 24	54 20	54 18	6 24	11 28
		144	52 69	52 70	53 21	53 19	54 14	54 13	6 24	11 16
392+25	1+00	0	52 76	52 77	53 27	53 26	54 20	54 19	6.12	11 16
		36	52 72	52 72	53 25	53 22	54 16	54.17	6.36	10.92
		72	52 68	52 68	53 19	53 18	54 11	54 11	6.12	11 04
		108	52 63	52 63	53 14	53 13	54 07	54 06	6.12	11.16
		144	52 58	52 58	53 10	53 08	54 02	54 02	6 24	11 04
392+75	1+50	0	52 65	52 65	53 14	53 15	54 09	54 06	5.88	11.40
		36	52 61	52 60	53 10	53 11	54 04	54 02	5 88	11 28
		72	52 57	52 56	53 06	53 07	54 00	53 98	5.88	11.28
		108	52 51	52 51	53 01	53 01	53 95	53 93	6.00	11 28
		144	52 45	52 46	52 97	52 95	53 91	53 89	6 24	11 28
393+25	2+00	0	52 53	52 53	53 04	53 03	53 94	53 96	6 12	10 80
		36	52 49	52 48	52 99	52 99	53 90	53 91	6 00	10.92
		72	52 43	52 44	52 96	52 93	53 87	53 88	6 36	10 92
		108	52 39	52 36	52 90	52 89	53 82	53 82	6.12	11 04
		144	52 34	52 34	52 86	52 84	53 78	53 78	6 24	11 04
393+75	2+50	0	52 41	52 41	52 92	52 91	53 85	53 84	6.12	11 16
		36	52 38	52 36	52.88	52 88	53 81	53 80	6.00	11.16
		72	52 32	52 32	52 85	52 82	53 77	53 77	6.36	11.04
		108	52 27	52 27	52 80	52 77	53 72	53.72	6 36	11 04
		144	52 22	52 22	52 76	52 72	53 67	53 68	6 48	10 92
394+25	3+00	0	52 31	52 29	52 82	52 81	53 75	53 74	6.12	11.16
		36	52 25	52 24	52 79	52 75	53 71	53 71	6 48	11 04
		72	52 21	52 20	52 75	52 71	53 67	53 67	6.48	11 04
		108	52 15	52 15	[illegible]	52 65	53 63	53 62	6.60	11.16
		144	52 08	52.10	[illegible]	52 58	53 58	53 57	6 84	11 16
394+75	3+50	0	52 18	52 20	52 72	52 68	53 63	53 64	6.48	10 92
		36	52 14	52 15	52 68	52 64	53 60	53 60	6 48	11 04
		72	52 10	52 11	52 64	52 60	53 56	53 56	6 48	11 04
		108	52 06	52 06	52 60	52 56	53 51	53 52	6.48	10 92
		144	52 00	52 01	[illegible]	52 50	53 47	53.49	6 84	10 80
395+25	4+00	0	52 11	52 14	52 62	52 61	53 55	53 54	6.12	11 16
		36	52 05	52 09	52 59	52 55	53 52	53 51	6.48	11 16
		72	52 02	52 05	52 55	52 52	53 48	53 47	6 36	11 16
		108	51 97	52 00	52 51	52 47	53 44	53 43	6 48	11 16
		144	51 97	51 95	52 47	52 47	53 41	53 39	6 00	11 28
395+75	4+50	0	52.13	52 11	52 62	52 63	53.54	53 54	5.88	11.04
		36	52 09	52 06	52 59	52 59	53 50	53 51	6 00	10 92
		72	52 05	52 02	52 56	52 55	53 47	53 48	6.12	10 92
		108	52 00	51 97	52 51	52 50	53 41	53 43	6.12	10 80
		144	51 93	51 92	52 47	52 43	53 37	53 39	6 48	10 80
396+25	5+00	0	52 12	52 11	52 61	52 62	53 53	53 53	5 88	11 04
		36	52 06	52 06	52 57	52 56	53 49	53 49	6.12	11 04
		72	52 02	52 02	52 53	52 52	53 45	53 45	6 12	11 04
		108	52 00	51 97	52 49	52 50	53 42	53 41	5 88	11 16
		144	51 96	51 92	52 45	52 46	53 37	53 37	5 88	11 04
396+50	5+25	0	52 12	52 13	52 64	52 62	53 58	53 56	6 24	11 28
		36	52 07	52 08	52 60	52 57	53 53	53 52	6 36	11 16
		72	52 03	52 04	52 57	52 53	53 49	53 49	6 48	11 04
		108	51 98	51 99	52 52	52 48	53 44	53 44	6.48	11 04
		144	51 97	51 94	52 47	52 47	53 40	53 39	6 00	11 16

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	6"LCB	11"PCC
Avg	6 26	11 08
Standard Dev	0 23	0 15
Max.	6.84	11.40
Min	5 88	10 80

*note: tolerance in the subgrade refers to plan elevation
tolerance in the other layers refers to plan thickness

* THIS SECTION HAD A 14' LANE WIDTH
BUT WAS MEASURED AS A 12' SECTION

Figure D-15. Layer and Elevation Thickness for Section 390207.

Layer number 2 | 3

[redacted]			ELEVATIONS (9__.__ ft.)						LAYER THICKNESS (In.)	
Project Sta.	SHRP Sta.	Offset from c/l (In.)	Subgrade shot	Subgrade plan	6" LCB shot	6" LCB plan	11" PCC shot	11" PCC plan	6" LCB	11" PCC
397+50	0-25	0	52 22	52 24	52 73	52 72	53 68	53 65	6.12	11.40
		36	52 19	52 19	52 69	52 69	53 63	53 61	6 00	11 28
		72	52 13	52 15	52 65	52 63	53 59	53 57	6 24	11.28
		108	52 09	52 10	52 61	52 59	53 53	53 53	6 24	11 04
		144	52 03	52 05	52 57	52 53	53 47	53 49	6 48	10 80
397+75	0+00	0	52 32	52 29	52 81	52 82	53 73	53 73	5 88	11 04
		36	52 24	52 24	52 77	52 74	53 68	53 69	6.36	10.92
		72	52 19	52 20	52 71	52 69	53 63	53 63	6.24	11.04
		108	52 14	52 15	52 67	52 64	53 58	53 59	6 36	10 92
		144	52 10	52 10	52 63	52 60	53 51	53 55	6 36	10 56
398+25	0+50	0	52 37	52 41	52 91	52 87	53 83	53 83	6.48	11.04
		36	52 34	52 36	52 87	52 84	53 79	53 79	6.36	11 04
		72	52 30	52 32	52 82	52 80	53 75	53 74	6.24	11 16
		108	52 26	52 27	52 77	52 76	53 70	53 69	6.12	11.16
		144	52 19	52 22	52 73	52 69	53 64	53 65	6 48	10 92
398+75	1+00	0	52 53	52 53	53 04	53 03	53 96	53 96	6.12	11 04
		36	52 47	52 48	53 00	52 97	53 91	53 92	6 36	10 92
		72	52 42	52 44	52 96	52 92	53 86	53 88	6.48	10 80
		108	52 36	52.39	[redacted]	52 86	53 82	53 83	6.60	10.92
		144	52 31	52 34	[redacted]	52 81	53 75	53 78	6 60	10 68
399+25	1+50	0	52 64	52 65	53 17	53 14	54 10	54 09	6.36	11.16
		36	52 60	52 60	53 13	53 10	54 07	54 05	6 36	11 28
		72	52 55	52 56	53 09	53 05	54 02	54 01	6 48	11.16
		108	52 50	52 51	53 04	53 00	53 97	53 96	6 48	11.16
		144	52 44	52 46	[redacted]	52 94	53 90	53 92	6 72	10 80
399+75	2+00	0	52 77	52 77	53 31	53 27	54 22	54 23	6.48	10 92
		36	52 73	52 72	53 26	53 23	54 18	54 18	6.36	11 04
		72	52 67	52 68	53 21	53 17	54 14	54 13	6.48	11.16
		108	52 63	52 63	53 17	53 13	54 10	54 09	6.48	11.16
		144	52 58	52 58	53 12	53 08	54 02	54 04	6 48	10 80
400+25	2+50	0	52 89	52 89	53 42	53 39	54 32	54 34	6.36	10 80
		36	52 85	52 84	53 37	53 35	54 28	54 29	6.24	10.92
		72	52 79	52 80	53 33	53 29	54 24	54 25	6 48	10.92
		108	52 72	52 75	[redacted]	53 22	54 20	54 20	6.72	11.04
		144	52 71	52 70	53 23	53 21	54 12	54 15	6 24	10 68
400+75	3+00	0	53 01	53 01	53 51	53 51	54 45	54 43	6.00	11.28
		36	52 98	52 96	53 47	53 48	54 41	54 39	5.88	11 28
		72	52 92	52 92	53 42	53 42	54 36	54 34	6.00	11.28
		108	52 87	52 87	53 38	53 37	54 31	54 30	6.12	11 16
		144	52 83	52 82	53 34	53 33	54 24	54 26	6 12	10 80
401+25	3+50	0	53 11	53 13	53 63	53 61	54 56	54 55	6.24	11.16
		36	53 08	53 08	53 59	53 58	54 52	54 51	6 12	11 16
		72	53 04	53 04	53 54	53 54	54 46	54 46	6.00	11 04
		108	52 98	52 99	53 50	53 48	54 43	54 42	6 24	11 16
		144	52 94	52 94	53 46	53 44	54 36	54 38	6 24	10 80
401+75	4+00	0	53 23	53 22	53 72	53 73	54 64	54 64	5 88	11 04
		36	53 20	53 17	53 68	53 70	54 60	54 60	5 76	11 04
		72	53 15	53 13	53 63	53 65	54 56	54 55	5 76	11 16
		108	53 11	53 08	53 60	53 61	54 52	54 52	5 88	11 04
		144	53 06	53 03	53 55	53 56	54 47	54 47	5 88	11 04
402+25	4+50	0	53 27	53 28	[redacted]	53 77	54 73	54 74	6.60	10.92
		36	53 24	53 23	[redacted]	53 74	54 68	54 71	6.60	10 68
		72	53 20	53 19	53 74	53 70	54 63	54 66	6.48	10.68
		108	53 15	53 14	[redacted]	53 65	54 59	54 62	6 60	10 68
		144	53 10	53 09	[redacted]	53 60	[redacted]	54 58	6 72	10 44
402+75	5+00	0	53 27	53 31	[redacted]	53 77	54 76	54 75	6 72	11.16
		36	53 25	53 26	53 79	53 75	54 72	54 71	6 48	11 16
		72	53 21	53 22	[redacted]	53 71	54 67	54 68	6 60	10 92
		108	53 17	53 17	53 71	53 67	54 63	54 63	6 48	11 04
		144	53 12	53 12	53 66	53 62	54 57	54 58	6 48	10 92
03+00	5+25	0	53 27	53 31	[redacted]	53 77	54 75	54 74	6.60	11.16
		36	53 25	53 26	53 79	53 75	54 71	54 71	6.48	11 04
		72	53 21	53 22	[redacted]	53 71	54 67	54 68	6 60	10 92
		108	53 16	53 17	[redacted]	53 66	54 63	54 63	6 60	11 04
		144	53 11	53 12	[redacted]	53 61	54 58	54 59	6 72	10 92

[redacted]	6" LCB	11" PCC
Avg	6.33	11 00
Standard Dev	0.25	0.19
Max	6 72	11 40
Min	5 76	10 44

[redacted]

*note: tolerance in the subgrade refers to plan elevation
tolerance in the other layers refers to plan thickness

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Figure D-16. Layer and Elevation Thickness for Section 390208.

			ELEVATIONS (9 — 3.00 — ft.)								LAYER THICKNESS (In.)		
											2	3	4
Project Sta.	SHRP Sta.	Offset from c/l (In.)	Subgrade		4" DGAB		4" PCTB		RCC		4" DGAB Subbase	4" PCTB Base	11" PCC
			shot*	plan*	shot*	plan*	shot*	plan*	shot*	plan*			
405+00	0-25	0	52 87	52 91	53 23	53 20	53 55	53 56	[redacted]	54.47	4.32	3.84	12.12
		36	52 86	52 86	53 19	53 19	53 50	53 52	[redacted]	54 42	3.96	3.72	12.00
		72	52 78	52 81	53 15	53 11	53 45	53 48	[redacted]	54 37	4.44	3.60	12.00
		108	52 73	52 77	[redacted]	53 06	53 40	53 44	[redacted]	54 32	4.56	3.48	12.00
		144	52 69	52 72	[redacted]	53 02	[redacted]	53 40	[redacted]	54 24	4 56	3.12	12 00
405+25	0+00	0	[redacted]	52 85	53 13	53 12	53 46	53 46	[redacted]	54 38	4.08	3.96	12.12
		36	52 75	52 80	[redacted]	53 08	53 42	53 46	[redacted]	54 34	4.56	3.48	11.88
		72	52 71	52 75	[redacted]	53 04	53 39	53 42	54 34	54 31	4.56	3.60	11.40
		108	52 67	52 71	53 04	53 00	53 34	53 37	54 29	54 26	4.44	3.60	11.40
		144	52 66	52.66	52 97	52 99	53.26	53 30	54 21	54 18	3.72	3.48	11 40
405+75	0+50	0	52 70	52 73	53 02	53 03	53 35	53.35	[redacted]	54 27	3.84	3.96	12.00
		36	52 68	52 68	53 01	53 01	53 31	53.34	[redacted]	54 23	3.96	3.60	11.76
		72	52 61	52.63	52 96	52 94	53 27	53 29	[redacted]	54 19	4.20	3.72	11.64
		108	52 59	52 59	52 92	52 92	53.22	53 25	54 17	54 14	3,96	3.60	11.40
		144	52 55	52 54	[redacted]	52 88	53 14	53 16	54 08	54 06	3 36	3 72	11 28
406+25	1+00	0	[redacted]	51 61	[redacted]	51 88	53 24	53 28	[redacted]	54 16	4.80	3.48	12.24
		36	51 53	51 56	51 89	51 86	53 22	53 22	[redacted]	54 14	4.32	3.96	11.76
		72	51 49	51 51	51 84	51 82	53 18	53 17	54 13	54 10	4.20	4.08	11.40
		108	51 45	51.47	51.79	51 78	53.12	53 12	54 08	54 04	4.08	3.96	11.52
		144	51 42	51 42	51 72	51 75	53 06	53 05	53 98	53.98	3.60	4.08	11.04
406+75	1+50	0	[redacted]	52.49	52 78	52 75	53 10	53.11	[redacted]	54 02	4.32	3.84	12.48
		36	52 40	52 44	52 77	52 73	53 08	53.10	[redacted]	54 00	4.44	3.72	11.88
		72	52 36	52 39	52 73	52.69	53.04	53.06	[redacted]	53 96	4.44	3.72	11.64
		108	52 32	52 35	52 68	52 65	53 00	53 01	53.95	53 92	4.32	3.84	11.40
		144	52 29	52 30	52 63	52 62	52 94	52 96	53 85	53 86	4 08	3 72	10 92
407+25	2+00	0	[redacted]	52 37	52 66	52 68	[redacted]	52.99	54 00	54 00	3.72	5.04	11 04
		36	52 31	52 32	52 65	52 64	53 02	52.98	53 94	53 94	4.08	4.44	11.04
		72	52 26	52 27	52 59	52 59	[redacted]	52 92	53 88	53.89	3.96	4.56	10.92
		108	52 22	52 23	52 55	52.55	52 92	52 88	53 82	53.84	3.96	4.44	10.80
		144	52.18	52.18	52.51	52 51	52.86	52 84	[redacted]	53.78	3.96	4.20	10.32
407+75	2+50	0	52 25	52 29	52 57	52.58	52.94	52.90	53 85	53 86	3.84	4.44	10.92
		36	52 20	52.24	52.56	52.53	52 90	52 89	53 81	53 82	4.32	4.08	10.92
		72	52.18	52.19	52 52	52 51	52.86	52.85	53 76	53 78	4.08	4.08	10.80
		108	52.14	52.15	52 49	52 47	52 83	52 82	53 72	53.75	4.20	4.08	10.68
		144	52 10	52.10	52.42	52.43	52 78	52 75	[redacted]	53 70	3.84	4 32	10.32
408+25	3+00	0	52.20	52 23	52 52	52 53	52 88	52 85	53 81	53 80	3.84	4.32	11.16
		36	52 16	52 18	52 52	52 49	52 84	52 85	53 77	53 76	4.32	3.84	11.16
		72	52.11	52.13	52 47	52 44	52 79	52 80	53 71	53 71	4.32	3.84	11.04
		108	52.07	52.09	52 44	52 40	52 75	52 77	53 67	53 67	4.44	3.72	11.04
		144	52.02	52 04	52.36	52 35	52.69	52.69	53 59	53 61	4 08	3 96	10 80
408+75	3+50	0	52.18	52.21	[redacted]	52.51	[redacted]	52 78	53 76	53 79	3.24	5.04	10.68
		36	52.14	52 16	52 44	52 47	[redacted]	52.77	53 72	53 75	3.60	4.68	10.68
		72	52.09	52.11	52 41	52.42	52.78	52 74	53 67	53 70	3.84	4.44	10.68
		108	52.05	52 07	52 36	52 38	[redacted]	52.69	53 63	53 67	3.72	4.68	10.56
		144	52.01	52 02	52 32	52 34	52.67	52 65	[redacted]	53 59	3 72	4 20	10 44
409+25	4+00	0	52 19	52 22	52.49	52 52	[redacted]	52 82	53 78	53 80	3.60	4.68	10.80
		36	52 16	52 17	52.49	52 49	52 84	52 82	53 75	53 76	3.96	4.20	10.92
		72	52 12	52 12	52 44	52 45	52 80	52.77	53 70	53 72	3.84	4.32	10.80
		108	52.07	52 08	52.41	52 40	52 77	52.74	53 65	53 69	4.08	4.32	10.56
		144	52 03	52.03	52 35	52 36	52 70	52 68	[redacted]	53 62	3.84	4 20	10 44
409+75	4+50	0	[redacted]	52.26	[redacted]	52 54	52 92	52 92	53 81	53 84	4.56	3.96	10.68
		36	52.18	52 21	52.52	52 51	52 87	52 85	53 78	53 79	4.08	4.20	10.92
		72	52 13	52.16	52.49	52.46	52 83	52.82	53 73	53 75	4.32	4.08	10.80
		108	52.10	52 12	52 46	52.43	52.77	52.79	53 68	53 69	4.32	3.72	10.92
		144	52 08	52 07	52 38	52.41	52 72	52 71	53 62	53 64	3 60	4.08	10 80
410+25	5+00	0	[redacted]	52 34	52 62	52 62	52 99	52 95	53 88	53 91	3.96	4.44	10.68
		36	52 25	52 29	52 60	52 58	52 95	52 93	53 85	53 87	4.20	4.20	10.80
		72	52 21	52 24	52.55	52 54	52 90	52 88	53 80	53 82	4 08	4.20	10.80
		108	[redacted]	52.20	52 51	52 48	52 84	52 84	53 75	53.76	4.32	3.96	10.92
		144	52 13	52 15	52 47	52 46	52.78	52 80	53 68	53 70	4 08	3.72	10.80
410+50	5+25	0	[redacted]	52 39	52 65	52 67	53 02	52 98	53 92	53 94	3.72	4.44	10.80
		36	52 31	52 34	52.65	52.64	52.99	52.98	53 88	53 91	4.08	4.08	10.68
		72	52 26	52.29	52.62	52 59	52.94	52.95	53 83	53 86	4.32	3.84	10.68
		108	52 22	52 25	52 56	52 55	52 90	52 89	53 78	53.82	4.08	4.08	10.56
		144	52 18	52 20	52 52	52.51	52 83	52 85	[redacted]	53 75	4.08	3.72	10 32

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	4" DGAB	4" PCTB	11" PCC
Avg.	4.08	4.03	11.13
Standard Dev.	0.31	0.38	0.54
Max.	4.80	5.04	12.48
Min.	3 24	3.12	10 32

[redacted]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Figure D-17. Layer and Elevation Thickness for Section 390262.

			ELEVATIONS (9[illegible] ft.)						LAYER THICKNESS (in.)	
					6" DGAB		11" PCC		6" DGAB	11" PCC
Project Sta.	LSHRP Sta.	Offset from cℓ (in.)	Subgrade shot	Subgrade plan	shot	plan	shot	plan		
414+25	0-25	0	53.57	53.58	54.10	54.07	54.97	55.02	6.36	10.44
		36	53.53	53.53	54.06	54.03	54.94	54.98	6.36	10.56
		72	53.49	53.49	53.98	53.99	54.88	54.90	5.88	10.80
		108	53.45	53.44	53.94	53.95	54.83	54.86	5.88	10.68
		168	[illegible]	53.36	53.89	53.91	54.79	54.81	5.76	10.80
414+50	0+00	0	[illegible]	53.65	54.12	54.10	55.04	55.04	6.24	11.04
		36	53.57	53.60	54.11	54.07	55.00	55.03	6.48	10.68
		72	53.54	53.56	54.08	54.04	54.96	55.00	6.48	10.56
		108	53.52	53.51	54.01	54.02	54.91	54.93	5.88	10.80
		168	53.47	53.43	53.96	53.97	54.86	54.88	5.88	10.80
415+00	0+50	0	[illegible]	53.79	54.27	54.24	55.22	55.19	6.36	11.40
		36	[illegible]	53.74	[illegible]	54.19	55.17	55.17	6.72	11.04
		72	53.66	53.70	[illegible]	54.16	55.11	55.13	6.60	10.80
		108	53.62	53.65	54.16	54.12	55.06	55.08	6.48	10.80
		168	53.59	53.57	54.09	54.09	55.01	55.01	6.00	11.04
415+50	1+00	0	53.87	53.91	54.38	54.37	55.32	55.30	6.12	11.28
		36	53.82	53.86	54.32	54.32	55.27	55.24	6.00	11.40
		72	53.79	53.82	54.28	54.29	55.22	55.20	5.88	11.28
		108	53.74	53.77	54.25	54.24	55.17	55.17	6.12	11.04
		168	53.70	53.69	54.21	54.20	55.11	55.13	6.12	10.80
416+00	1+50	0	53.98	54.01	54.50	54.48	55.43	55.42	6.24	11.16
		36	53.93	53.96	54.46	54.43	55.38	55.38	6.36	11.04
		72	53.88	53.92	54.42	54.38	55.33	55.34	6.48	10.92
		108	53.84	53.87	54.37	54.34	55.28	55.29	6.36	10.92
		168	53.81	53.79	54.33	54.31	55.22	55.25	6.24	10.68
416+50	2+00	0	54.07	54.08	54.57	54.57	55.45	55.49	6.00	10.56
		36	54.02	54.03	54.53	54.52	55.41	55.45	6.12	10.56
		72	53.97	53.99	54.49	54.47	[illegible]	55.41	6.24	10.44
		108	53.90	53.94	54.44	54.40	55.32	55.36	6.48	10.56
		168	53.85	53.86	54.39	54.35	55.29	55.31	6.48	10.80
417+00	2+50	0	54.11	54.11	54.58	54.61	55.48	55.50	5.64	10.80
		36	54.05	54.06	54.54	54.55	55.45	55.46	5.88	10.92
		72	54.01	54.02	54.49	54.51	55.41	55.41	5.76	11.04
		108	53.96	53.97	54.44	54.46	55.37	55.36	5.76	11.16
		168	53.91	53.89	54.41	54.41	55.33	55.33	6.00	11.04
417+50	3+00	0	54.12	54.12	54.60	54.62	55.52	55.52	5.76	11.04
		36	54.06	54.07	54.59	54.56	55.49	55.51	6.36	10.80
		72	54.02	54.03	54.56	54.52	55.44	55.48	6.48	10.56
		108	53.97	53.98	54.50	54.47	55.39	55.42	6.36	10.68
		168	53.92	53.90	54.44	54.42	55.36	55.36	6.24	11.04
418+00	3+50	0	54.09	54.09	54.60	54.59	55.55	55.52	6.12	11.40
		36	54.03	54.04	54.56	54.53	55.50	55.48	6.36	11.28
		72	53.99	54.00	54.51	54.49	55.45	55.43	6.24	11.28
		108	53.95	53.95	54.46	54.45	55.39	55.38	6.12	11.16
		168	53.90	53.87	54.41	54.40	55.35	55.33	6.12	11.28
418+50	4+00	0	54.01	54.04	54.52	54.51	55.47	55.44	6.12	11.40
		36	53.97	53.99	54.50	54.47	55.43	55.42	6.36	11.16
		72	53.91	53.95	54.45	54.41	55.37	55.37	6.48	11.04
		108	53.89	53.90	54.39	54.39	55.32	55.31	6.00	11.16
		168	53.85	53.82	54.32	54.35	55.28	55.24	5.64	11.52
419+00	4+50	0	53.94	53.95	54.43	54.44	55.37	55.35	5.88	11.28
		36	53.88	53.90	54.40	54.38	55.32	55.32	6.24	11.04
		72	53.82	53.86	54.36	54.32	55.28	55.28	6.48	11.04
		108	53.79	53.81	54.30	54.29	55.24	55.22	6.12	11.28
		168	53.76	53.73	54.26	54.26	55.18	55.18	6.00	11.04
419+50	5+00	0	53.85	53.85	54.33	54.35	55.28	55.25	5.76	11.40
		36	53.79	53.80	54.29	54.29	55.24	55.21	6.00	11.40
		72	53.74	53.76	54.25	54.24	55.20	55.17	6.12	11.40
		108	53.69	53.71	54.21	54.19	55.15	55.13	6.24	11.28
		168	53.62	53.63	54.16	54.12	55.10	55.08	6.48	11.28
419+75	5+25	0	53.80	53.80	54.28	54.30	55.22	55.20	5.76	11.28
		36	53.75	53.75	54.26	54.25	55.19	55.18	6.12	11.16
		72	53.68	53.71	54.20	54.18	55.14	55.12	6.24	11.28
		108	53.64	53.66	54.16	54.14	55.08	55.08	6.24	11.04
		168	53.58	53.58	54.10	54.08	55.03	55.02	6.24	11.16
									6" DGAB	11" PCC
								Avg.	6.16	11.01
								Standard Dev.	0.25	0.28
								Max.	6.72	11.52
								Min.	5.64	10.44

Preparer: Brad Young - ODOT - 2/16/96

[illegible]

* note: tolerance in the subgrade refers to plan elevation
tolerance in other layers refers to plan thickness

Figure D-18. Layer and Elevation Thickness for Section 390263.

Attachment E

Project Deviation Reports

LTPP SPS Project Deviation Report **Project Summary Sheet**	State Code 3 9 Project Code 0 2 0 0

Project Classification Information

SPS Experiment Number: SPS-2	State or Province: Ohio
LTPP Region:	☐ North Atlantic ☒ North Central ☐ Southern ☐ Western
Climate Zone:	☒ Dry-Freeze ☐ Dry-No Freeze ☐ Wet-Freeze ☐ Wet-No Freeze
Subgrade Classification:	☒ Fine Grain ☐ Coarse Grain ? ☐ Active (SPS-8 Only)
Project Experiment Classification Designation (SPS 1, 2, & 8): SPS-2	
Construction Start Date: Fall 1994	Construction End Date: October 1995
FHWA Incentive Funds Provided to Agency for this Project:	☐ Yes ☐ No

Deviation Summary

Site Location Deviations:	☒ No Deviations ☐ Minor Deviations ☐ Significant Deviations
Construction Deviations:	☐ No Deviations ☒ Minor Deviations ☐ Significant Deviations

Data Collection and Processing Status Summary

Inventory Data (SPS 5,6,7, & 9):	☐ Complete Submission ☐ Incomplete ☐ Data Not Available
Materials Data:	☒ All Scheduled Samples Obtained and Tested ☐ Incomplete
Construction Data:	☒ All Required Data Obtained ☐ Incomplete / Missing Data Elements
Historical Traffic Data:	☐ All Required Historical Estimates Submitted (SPS 5, 6, 7, & 9) ☐ Required Estimates Not Submitted
Traffic Monitoring Equipment:	☒ WIM Installed On-Site ☐ AVC Installed On-Site ☐ ATR Installed On-Site ☐ No Equipment Installed
Traffic Monitoring:	☐ Preferred ☒ Continuous ☐ Minimum ☐ Below Minimum ☐ Site Related
Traffic Monitoring Data:	☒ Monitoring Data Submitted ☐ No Monitoring Data Submitted
FWD Measurements:	☒ Pre-construction Tests Performed ☐ Construction Tests Performed ☒ Post-construction Tests Performed
Profile Measurements:	☐ Pre-construction Tests Performed ☒ Post-construction Tests Performed
Distress Measurements	☐ Pre-construction Tests Performed ☒ Post-construction Tests Performed
Maintenance and Rehab. Data:	☒ Complete Submission ☐ Incomplete ☐ Data Not Available
Friction Data:	☒ Complete Submission ☐ Incomplete ☐ Data Not Available

Report Status

Materials Sampling and Test Plan:	☐ Document Prepared ☒ Final Submitted To FHWA
Construction Report:	☒ Document Prepared ☐ Final Submitted To FHWA
AWS: (SPS 1, 2, & 8) NA	☒ AWS Installed ☐ AWS Installation Report Submitted to FHWA

 Preparer Mike Pozsgay Date 9-14-1998

LTPP SPS Project Deviation Report **Construction Guidelines Deviation**	State Code 3 9 Project Code 0 2 0 0

☐ Comments Pertain to All Test Sections on Project

☐ Comments Pertain Only to Section(s): (Specify) _____

Construction Guidelines Deviation Comments

390259 and 390204: Some surface aggregate cracked due to compaction

390260: Oil spilled on PATB. Contaminated sections removed and replaced.

All sections: Unbound aggregate base layers cut to grade using a CMI trimming machine.

 Preparer Mike Pozsgay Date 9-14-1998

LTPP SPS Project Deviation Report **Other Deviations**	State Code 3 9 Project Code 0 2 0 0

☒ Comments Pertain to All Test Sections on Project

☐ Comments Pertain Only to Section(s): (Specify) _____

Other Deviation Comments

None known.

 Preparer Mike Pozsgay Date 9-14-1998

LTPP SPS Project Deviation Report **Site Location Guidelines Deviations**	State Code 3 9 Project Code 0 2 0 0

☒ Comments Pertain to All Test Sections on Project

☐ Comments Pertain Only to Section(s): (Specify) _____

Site Location Guideline Deviation Comments

None known.

 Preparer Mike Pozsgay Date 9-14-1998

LTPP SPS Project Deviation Report **Data Collection and Materials Sampling and Testing Deviations**	State Code 3 9 Project Code 0 2 0 0

☒ Comments Pertain to All Test Sections on Project

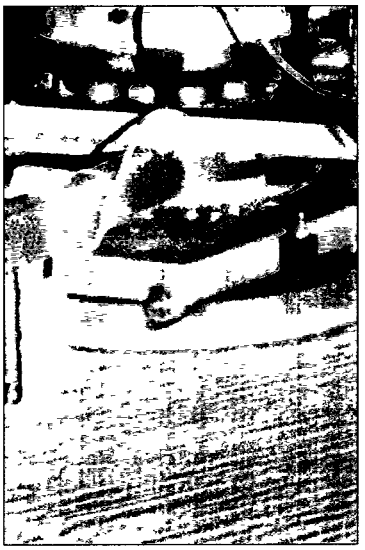
☐ Comments Pertain Only to Section(s): (Specify) _____

Data Collection & Material Sampling and Testing Deviation Comments

Several test locations moved due to obstructions. These are noted on testing log sheets.

Several other minor sampling deviations are noted on sampling data sheets.

 Preparer Mike Pozsgay Date 9-14-1998



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