

Pavement Core Summary



Date(s) Cored: 10/31/22, 11/1/22, 11/2/22, 11/14/22, 11/17/22, 3/6/23

S&ME Project No.: 217525

Identified By: Shawn Smith / Kevin Harper

Project Name: LOR-90-10.76

Date(s) Identified: 10/31/22, 11/1/22, 11/2/22, 11/14/22, 11/17/22, 3/8/23

Client: ODOT District 3

Project Area	Core	Coordinates		Approximate Station, Offset	Lane / Location	Asphalt (in.)	Concrete (in.)	Total Core Thickness (in.)	Notes:
IR 90 Mainline Turnpike to S.R. 2 Split	B-001-0-22	41.396094	-82.158782	574+85, 36' RT	Eastbound Inside (Left) Lane	3	11¼	14¼	Reinforcing steel observed 5" below the top of concrete.
	B-002-0-22	41.397153	-82.158670	578+63, 45' LT	Westbound Inside (Left) Lane	6½	9¼	15¾	Reinforcing steel observed 3½" below the top of concrete. A color change was observed in the concrete about 3" from the top of concrete
	B-003-0-22	41.398131	-82.157720	582+95, 45' RT	Eastbound Inside (Left) Lane	6	10¼	16¼	Reinforcing steel observed 4" below the top of concrete.
	B-004-0-22	41.399149	-82.157242	586+79, 45' LT	Westbound Inside (Left) Lane	6½	9¼	15¾	Reinforcing steel observed 3¾" below the top of concrete. A color change was observed in the concrete about 2½" from the top of concrete
	B-005-0-22	41.399859	-82.155998	590+98, 46' RT	Eastbound Inside (Left) Lane	6½	9½	16	Reinforcing steel observed 3½" below the top of concrete.
	B-006-0-22	41.400715	-82.155208	594+67, 45' LT	Westbound Inside (Left) Lane	6½	9½	16	Reinforcing steel observed 4" below the top of concrete. A color change was observed in the concrete about 2½" from the top of concrete
	B-007-0-22	41.401144	-82.153756	598+86, 45' RT	Eastbound Inside (Left) Lane	6¼	9	15¼	Reinforcing steel observed 4" below the top of concrete.
	B-008-0-22	41.401848	-82.152542	602+98, 44' LT	Westbound Inside (Left) Lane	6¾	9¼	16	Reinforcing steel observed 4" below the top of concrete. A color change was observed in the concrete about 3" from the top of concrete
	B-009-0-22	41.402005	-82.151092	606+89, 45' RT	Eastbound Inside (Left) Lane	3	9½	12½	Reinforcing steel observed 4" below the top of concrete.
	B-010-0-22	41.402623	-82.149866	610+83, 45' LT	Westbound Inside (Left) Lane	4½	9¼	13¾	Reinforcing steel observed 3¾" and 4" below the top of concrete. A color change was observed in the concrete about 3½" from the top of concrete
	B-011-0-22	41.402778	-82.148258	615+14, 20' LT	Eastbound Inside (Left) Lane	4¼	10¼	14½	
	B-012-0-22	41.403418	-82.147102	618+95, 3' LT	Westbound Inside (Left) Lane	6½	9½	16	Reinforcing steel observed 4½" below the top of concrete. A color change was observed in the concrete about 3" from the top of concrete
	B-013-0-22	41.403168	-82.145496	622+83, 21' LT	Eastbound Inside (Left) Lane	6½	9½	16	Reinforcing steel observed 4" below the top of concrete.
	B-014-0-22	41.403863	-82.144095	627+41, 2' LT	Westbound Inside (Left) Lane	12	Not Encountered	12	

Pavement Core Summary



Date(s) Cored: 10/31/22, 11/1/22, 11/2/22, 11/14/22, 11/17/22, 3/6/23

S&ME Project No.: 217525

Identified By: Shawn Smith / Kevin Harper

Project Name: LOR-90-10.76

Date(s) Identified: 10/31/22, 11/1/22, 11/2/22, 11/14/22, 11/17/22, 3/8/23

Client: ODOT District 3

Project Area	Core	Coordinates		Approximate Station, Offset	Lane / Location	Asphalt (in.)	Concrete (in.)	Total Core Thickness (in.)	Notes:
Eastbound S.R. 2 Ramp to Eastbound IR 90	B-013-1-22	41.405294	-82.147643	610+72, 9' LT	Eastbound Inside (Left) Lane	8¾	9½	17¾	Reinforcing steel observed 4" below the top of concrete.
	B-013-2-22	41.404126	-82.145339	618+35, 9' LT	Eastbound Inside (Left) Lane	4	9¾	13¾	Reinforcing steel observed 4¾" below the top of concrete.
	B-013-3-22	41.403615	-82.144026	622+42, 11' LT	Eastbound Inside (Left) Lane	17¼	Not Encountered	17¼	Core length ranged from 15¾" to 17¾".
	B-015-0-22	41.403295	-82.142707	626+25, 10' LT	Eastbound Inside (Left) Lane	8	9¾	17¾	Reinforcing steel observed 3½" below the top of concrete. A layer with higher bitumen content observed about 3" below top of asphalt.
Westbound Ir 90 Ramp to Westbound S.R. 2	B-014-1-22	41.405808	-82.148290	614+92, 74' LT	Westbound Inside (Left) Lane	14½	Not Encountered	14½	
	B-014-2-22	41.405069	-82.146426	621+53, 103' LT	Westbound Inside (Left) Lane	7¾	10	17¾	Reinforcing steel observed 4¾" below the top of concrete.
	B-014-3-22	41.404410	-82.144231	625+76, 109' LT	Westbound Inside (Left) Lane	8	9½	17½	Reinforcing steel observed 4½" below the top of concrete.
	B-014-4-22	41.404089	-82.142787	629+63, 107' LT	Westbound Inside (Left) Lane	8	8½	16½	Reinforcing steel observed 4¾" below the top of concrete.
	B-016-0-22	41.403862	-82.141443	634+66, 57' LT	Westbound Inside (Left) Lane	6¾	9½	16¼	Reinforcing steel observed 2½" below the top of concrete.
IR 90 Mainline S.R. 2 Split to S.R. 57	B-017-0-22	41.403169	-82.139744	634+46, 9' LT	Eastbound Inside (Left) Lane	7¾	9½	17¼	Reinforcing steel observed 3¾" below the top of concrete.
	B-018-0-22	41.403603	-82.138338	643+24, 4' LT	Westbound Inside (Left) Lane	7	9½	16½	Reinforcing steel observed 3½" below the top of concrete.
	B-021-0-22	41.403513	-82.134011	650+24, 44' RT	Eastbound Inside (Left) Lane	7¾	9¾	17½	Reinforcing steel observed 3¾" below the top of concrete. A color change was observed in the concrete about 3" from the top of concrete
	B-022-0-22	41.403843	-82.132570	654+27, 45' LT	Westbound Inside (Left) Lane	5¾	9¼	15	Reinforcing steel observed 3¾" below the top of concrete.
	B-023-0-22	41.403727	-82.131056	658+38, 30' RT	Eastbound Inside (Left) Lane	16	Not Encountered	16	
	B-025-0-22	41.403829	-82.128642	665+01, 46' RT	Westbound Inside (Left) Lane	8¾	9¼	18	A layer of higher bitumen content observed in the ½" from the bottom of the asphalt. Reinforcing steel observed 3¾", 4½", and 5" below the top of concrete. An indentation was observed about 4"-5" from the top of the concrete.
	B-026-0-22	41.404154	-82.127371	668+58, 45' LT	Eastbound Inside (Left) Lane	7¾	9¼	17	Reinforcing steel observed 3½" below the top of concrete.
	B-027-0-22	41.404042	-82.125811	672+78, 26' RT	Westbound Inside (Left) Lane	Not Encountered	Not Encountered		
	B-029-0-22	41.404176	-82.122819	681+04, 45' RT	Eastbound Inside (Left) Lane	8	9	17	Reinforcing steel observed 3½" below the top of concrete. A color change was observed in the concrete at bout 3" from the top of concrete. Yellow paint observed in the core about 5" from the top of asphalt.
	B-030-0-22	41.404503	-82.121474	684+81, 44' LT	Westbound Inside (Left) Lane	7¾	9½	17¼	

Pavement Core Summary



Date(s) Cored: 11/14/22, 11/17/22

S&ME Project No.: 217525

Identified By: Shawn Smith / Kevin Harper

Project Name: LOR-90-10.76

Date(s) Identified: 11/14/22, 11/17/22

Client: ODOT District 3

Project Area	Core	Coordinates		Approximate Station, Offset	Lane / Location	Asphalt (in.)	Concrete (in.)	Total Core Thickness (in.)	Notes:
IR 90 Mainline from S.R. 57 to S.R. 254	B-033-0-22	41.405030	-82.108782	719+65, 44' RT	Eastbound Inside (Left) Lane	6	10½	16½	
	B-036-0-22	41.406312	-82.104860	731+43, 45' LT	Westbound Inside (Left) Lane	5½	10½	16	Reinforcing steel was observed 3½" and 4" from the top of concrete.
	B-037-0-22	41.406760	-82.103448	735+54, 45' RT	Eastbound Inside (Left) Lane	5	9¾	14¾	
	B-040-0-22	41.409439	-82.100997	747+45, 46' LT	Westbound Inside (Left) Lane	8	10¾	18¾	Reinforcing steel was observed 4¾" from the top of concrete. Deterioration was observed in the lower ½" of the concrete.
	B-041-0-22	41.410196	-82.100133	750+97, 46' RT	Eastbound Inside (Left) Lane	9½	5¼	14¾	
	B-043-0-22	41.412371	-82.098767	759+76, 33' RT	Eastbound Inside (Left) Lane	13¼	Not Encountered	13¼	
	B-046-0-22	41.414949	-82.095698	772+50, 42' LT	Westbound Inside (Left) Lane	5	11	16	Reinforcing steel was observed 3¾" from the top of concrete. A portion of the lower 3" of the concrete split away during coring.
	B-047-0-22	41.415267	-82.094248	776+54, 45' RT	Eastbound Inside (Left) Lane	5	9	14	
	B-050-0-22	41.417016	-82.090585	788+41, 44' LT	Westbound Inside (Left) Lane	5	10¼	15¼	Reinforcing steel was observed 4½", 4¾, and 5" from the top of concrete.
	B-051-0-22	41.417342	-82.089091	792+58, 45' RT	Eastbound Inside (Left) Lane	5	9½	14½	Reinforcing steel was observed 4" and 4¾" from the top of concrete. Horizontal cracks were observed in the lower 1" - ½" of the concrete.
	B-054-0-22	41.419246	-82.085709	804+23, 45' LT	Westbound Inside (Left) Lane	5¾	10¾	16½	Reinforcing steel was observed 4¾" from the top of concrete. Deterioration was observed in the lower ½" of the concrete.
	B-055-0-22	41.420012	-82.084391	808+71, 46' RT	Eastbound Inside (Left) Lane	5	10	15	Reinforcing steel was observed 4½" from the top of concrete. Horizontal cracks were observed in the lower ½" of the concrete.
	B-058-0-22	41.423055	-82.083216	820+34, 46' LT	Westbound Inside (Left) Lane	5	10¼	15¼	An expansion joint, was observed in the upper 2½ of the concrete. A vertical crack, filled with a bituminous compound was observed in the upper 5¾" of the concrete. Horizontal cracks were observed in the lower 1" of the concrete.
B-059-0-22	41.424134	-82.082828	824+33, 46' RT	Eastbound Inside (Left) Lane	3¼	9½	12¾		

Pavement Core Summary



Date(s) Cored: 11/14/22, 11/17/22

S&ME Project No.: 217525

Identified By: Shawn Smith / Kevin Harper

Project Name: LOR-90-10.76

Date(s) Identified: 11/14/22, 11/17/22

Client: ODOT District 3

Project Area	Core	Coordinates		Approximate Station, Offset	Lane / Location	Asphalt (in.)	Concrete (in.)	Total Core Thickness (in.)	Notes:
S.R. 254 to WB IR 90	B-057-1-22	41.422513	-82.084042	817+88, 238' LT	Right Shoulder	10½	Not Encountered	10½	Cemented slag/base (4") based partially recovered below asphalt.
	B-057-2-22	41.423493	-82.084565	95+62, 141' RT	Right Shoulder	10½	Not Encountered	10½	
EB IR 90 to S.R. 254	B-058-1-22	41.423803	-82.081754	823+15, 340' RT	Right Shoulder	10¼	Not Encountered	10¼	
	B-058-2-22	41.424567	-82.081157	105+76, 134' RT	Right Shoulder	9½	Not Encountered	9½	
WB IR 90 to S.R. 254	B-059-1-22	41.424548	-82.084680	96+79, 226' LT	Right Shoulder	2¾	9¾	12½	
	B-059-2-22	41.425535	-82.083713	829+45, 193' LT	Right Shoulder	5	9¼	14¼	
S.R. 254 to EB IR 90	B-060-1-22	41.425337	-82.081436	106+11, 155' LT	Right Shoulder	2¾	9¼	12	Reinforcing steel was observed 4½" from the top of concrete.
	B-060-2-22	41.426154	-82.082256	831+68, 209' RT	Right Shoulder	5½	9½	15	Deterioration was observed in the lower 1" of the asphalt. Reinforcing steel was observed 4¾" and 5" from the top of concrete. Horizontal cracks were observed in the lower ½" of the concrete.

Pavement Core Summary



Date(s) Cored: 10/31/22, 11/1/22

S&ME Project No.: 217525

Identified By: Shawn Smith / Kevin Harper

Project Name: LOR-90-10.76

Date(s) Identified: 10/31/22, 11/1/22

Client: ODOT District 3

Project Area	Core	Coordinates		Approximate Station, Offset	Lane / Location	Asphalt (in.)	Concrete (in.)	Total Core Thickness (in.)	Notes:
S.R. 254 to the East Project Limit	B-062-0-22	41.427465	-82.083196	836+47, 45' LT	Westbound Inside (Left) Lane	6	9¼	15¼	Reinforcing steel observed 4¾" below the top of concrete.
	B-063-0-22	41.428620	-82.082874	840+67, 47' RT	Eastbound Inside (Left) Lane	5	9¾	14¾	
	B-066-0-22	41.431877	-82.083112	852+50, 46' LT	Westbound Inside (Left) Lane	5¾	10¼	16	Reinforcing steel observed 4½" below the top of concrete. Deterioration observed in the lower ½" of the concrete.
	B-067-0-22	41.432984	-82.082502	856+77, 45' RT	Eastbound Inside (Left) Lane	5¼	10½	15¾	
	B-070-0-22	41.436010	-82.081222	868+36, 45' LT	Westbound Inside (Left) Lane	5	10	15	Reinforcing steel observed 4¾" and 4½" below the top of concrete.
	B-071-0-22	41.436929	-82.080146	872+73, 45' RT	Eastbound Inside (Left) Lane	5½	9½	15	
	B-074-0-22	41.439855	-82.078300	884+50, 45' LT	Westbound Inside (Left) Lane	5¾	10¼	16	Reinforcing steel observed 4¾" below the top of concrete. Horizontal cracks observed in the lower ½" of the concrete.
	B-075-0-22	41.440761	-82.077233	888+82, 45' RT	Eastbound Inside (Left) Lane	5¼	10½	15¾	
	B-078-0-22	41.443703	-82.075375	900+65, 46' LT	Westbound Inside (Left) Lane	5¾	10¼	16	Reinforcing steel observed 4½" below the top of concrete. Deterioration observed in the asphalt and concrete layers at their interface.
	B-079-0-22	41.444549	-82.074350	904+72, 46' RT	Eastbound Inside (Left) Lane	5	10¼	15¼	
	B-082-0-22	41.447505	-82.072484	916+61, 45' LT	Westbound Inside (Left) Lane	5	9¾	14¾	Reinforcing steel observed 4" and 4¾" below the top of concrete.
	B-083-0-22	41.448375	-82.071442	920+78, 45' RT	Eastbound Inside (Left) Lane	5¾	9½	15¼	
	B-086-0-22	41.451229	-82.069602	932+31, 34' LT	Westbound Inside (Left) Lane	13¼	Not Encountered	13¼	
	B-087-0-22	41.452089	-82.068629	936+38, 25' RT	Eastbound Inside (Left) Lane	13½	Not Encountered	13½	
	B-090-0-22	41.454626	-82.066040	948+05, 27' LT	Westbound Inside (Left) Lane	13	Not Encountered	13	
B-091-0-22	41.455367	-82.064774	952+41, 32' RT	Eastbound Inside (Left) Lane	13	Not Encountered	13		
B-094-0-22	41.457801	-82.061992	964+08, 45' LT	Westbound Inside (Left) Lane	5	9¾	14¾	Reinforcing steel observed 4½" below the top of concrete.	

Pavement Core Summary



Date(s) Cored: 10/31/22, 11/1/22

S&ME Project No.: 217525

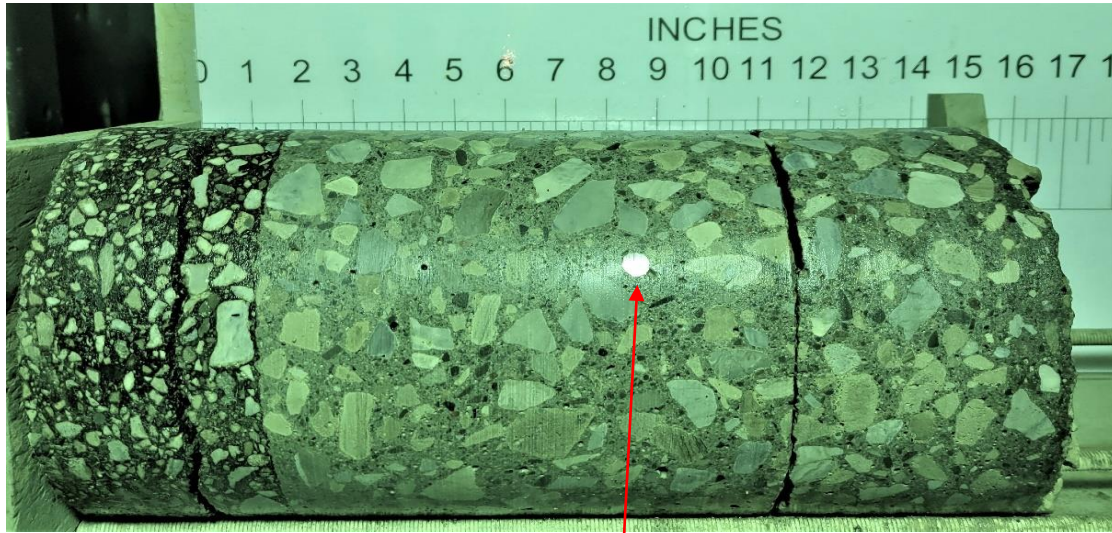
Identified By: Shawn Smith / Kevin Harper

Project Name: LOR-90-10.76

Date(s) Identified: 10/31/22, 11/1/22

Client: ODOT District 3

Project Area	Core	Coordinates		Approximate Station, Offset	Lane / Location	Asphalt (in.)	Concrete (in.)	Total Core Thickness (in.)	Notes:
	B-095-0-22	41.458478	-82.060647	968+42, 46' RT	Eastbound Inside (Left) Lane	4¾	10½	15¼	
	B-098-0-22	41.460933	-82.057912	980+06, 45' LT	Westbound Inside (Left) Lane	4	10	14	Reinforcing steel observed 4½" below the top of concrete. Horizontal cracks observed in the lower 2" of the concrete.

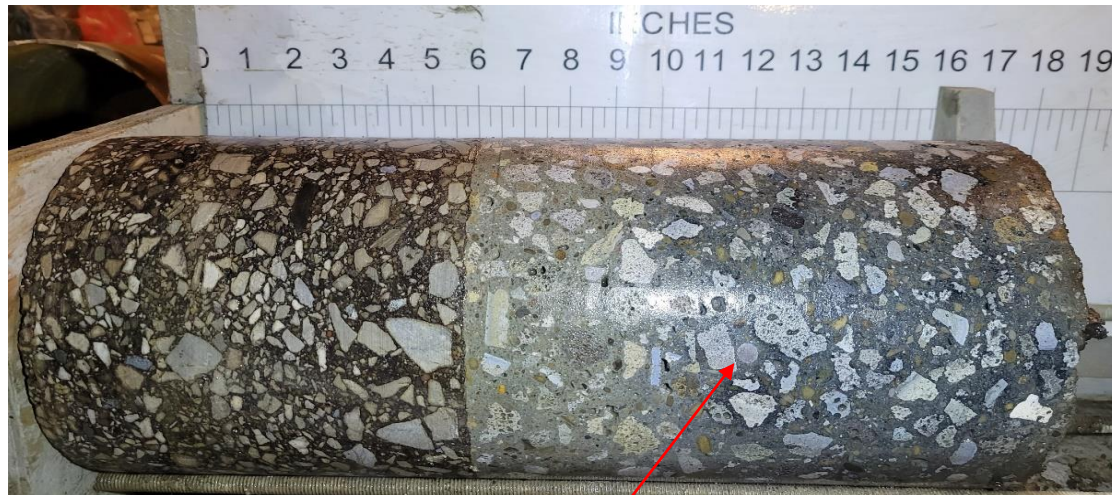


Reinforcing Steel

Date: 10/31/2022

Photographer: SHS

1	Core Number / Thickness	B-001-0-22 / Asphalt = 3" Concrete = 11¼"
	Remarks	Reinforcing steel observed 5" below the top of concrete.

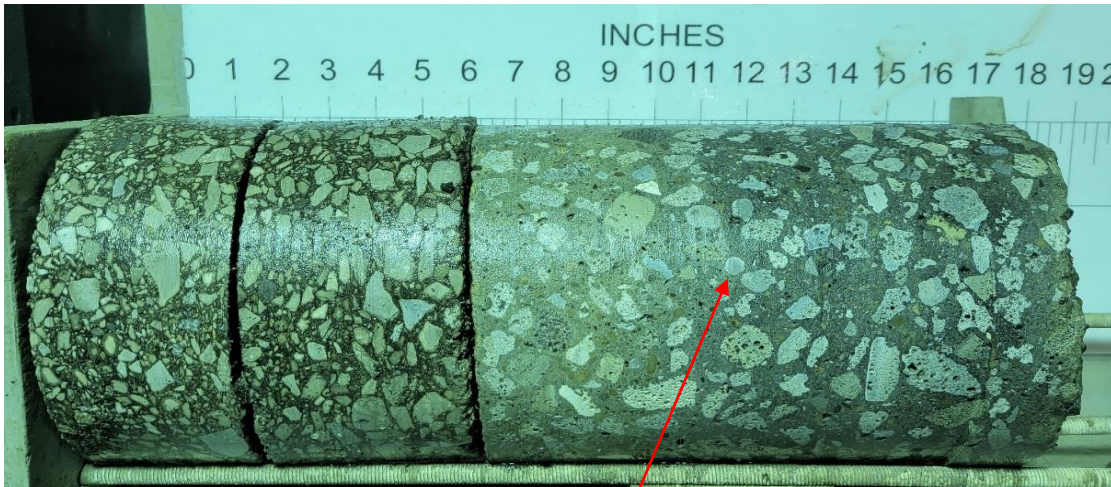


Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

2	Core Number / Thickness	B-002-0-22 / Asphalt = 6½" Concrete = 9¼"
	Remarks	Reinforcing steel observed 3½" below the top of concrete. A color change was observed in the concrete about 3" from the top of concrete



Reinforcing Steel

Date: 10/31/2022

Photographer: SHS

3	Core Number / Thickness	B-003-0-22 / Asphalt = 6" Concrete = 10¼"
	Remarks	Reinforcing steel observed 4" below the top of concrete.

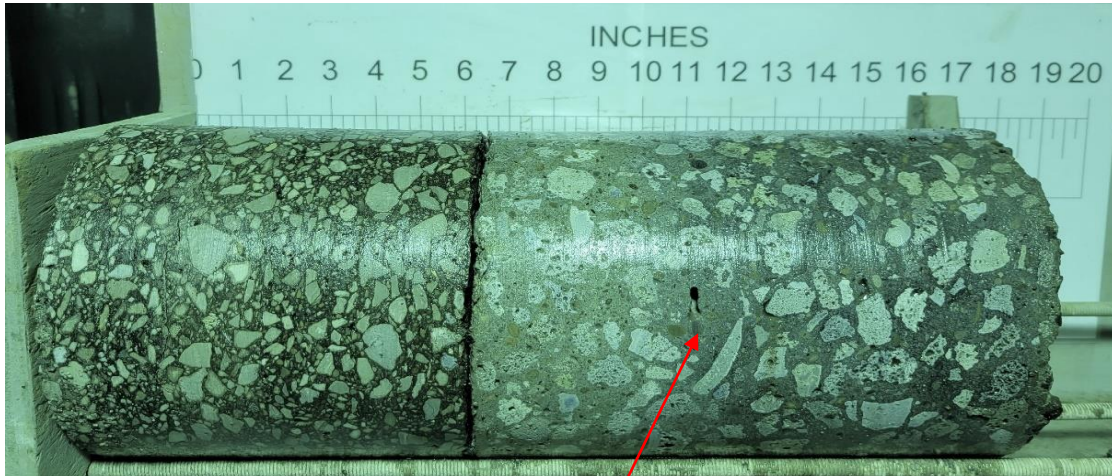


Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

4	Core Number / Thickness	B-004-0-22 / Asphalt = 6½" Concrete = 9¼"
	Remarks	Reinforcing steel observed 3¾" below the top of concrete. A color change was observed in the concrete about 2½" from the top of concrete



Reinforcing Steel

Date: 10/31/2022

Photographer: SHS

5	Core Number / Thickness	B-005-0-22 / Asphalt = 6½" Concrete = 9½"
	Remarks	Reinforcing steel observed 3½" below the top of concrete.

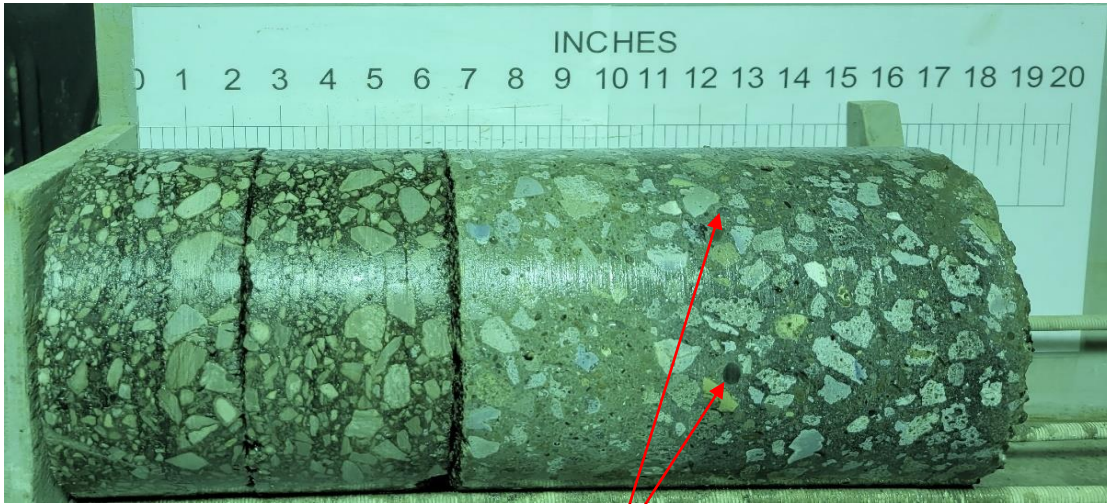


Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

6	Core Number / Thickness	B-006-0-22 / Asphalt = 6½" Concrete = 9½"
	Remarks	Reinforcing steel observed 4" below the top of concrete. A color change was observed in the concrete about 2½" from the top of concrete



Reinforcing Steel

Date: 10/31/2022

Photographer: SHS

7	Core Number / Thickness	B-007-0-22 / Asphalt = 6¼" Concrete = 9"
	Remarks	Reinforcing steel observed 4" below the top of concrete.

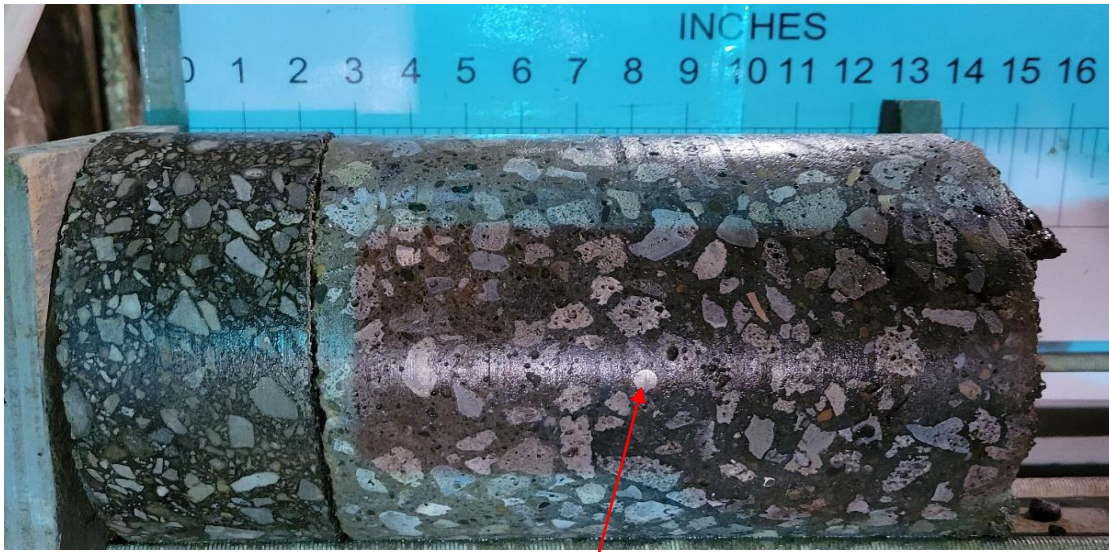


Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

8	Core Number / Thickness	B-008-0-22 / Asphalt = 6¾" Concrete = 9¼"
	Remarks	Reinforcing steel observed 4" below the top of concrete. A color change was observed in the concrete about 3" from the top of concrete



Reinforcing Steel

Date:

Photographer: SHS

9	Core Number / Thickness	B-009-0-22 / Asphalt = 3" Concrete = 9½"
	Remarks	Reinforcing steel observed 4" below the top of concrete.



Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

10	Core Number / Thickness	B-010-0-22 / Asphalt = 4½" Concrete = 9¼"
	Remarks	Reinforcing steel observed ¾" and 4" below the top of concrete. A color change was observed in the concrete about ½" from the top of concrete



Date: 10/31/2022

Photographer: SHS

11

Core Number / Thickness

B-011-0-22 / Asphalt = 4¼" Concrete = 10¼"

Remarks



Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

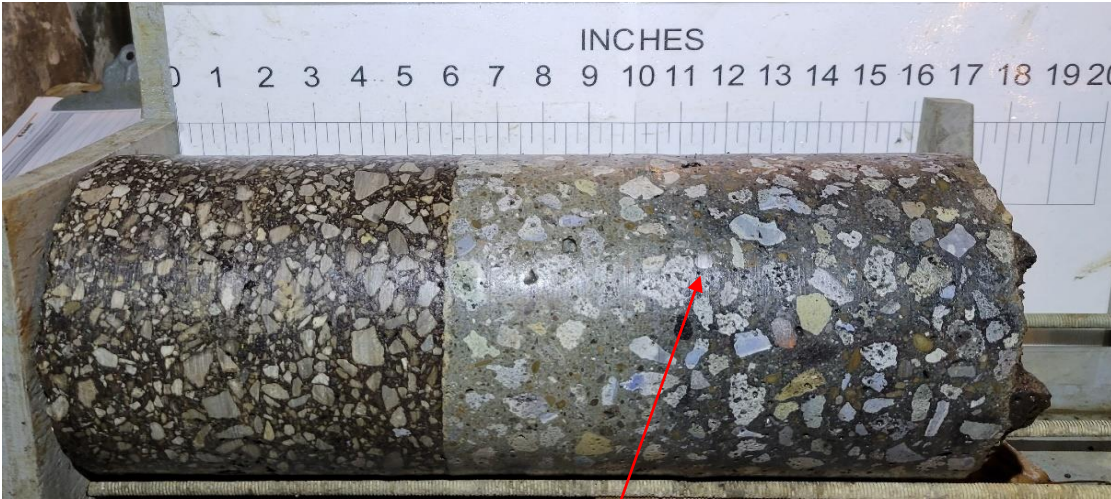
12

Core Number / Thickness

B-012-0-22 / Asphalt = 6½" Concrete = 9½"

Remarks

Reinforcing steel observed 4½" below the top of concrete. A color change was observed in the concrete about 3" from the top of concrete



Reinforcing Steel

Date: 11/1/2022

Photographer: SHS

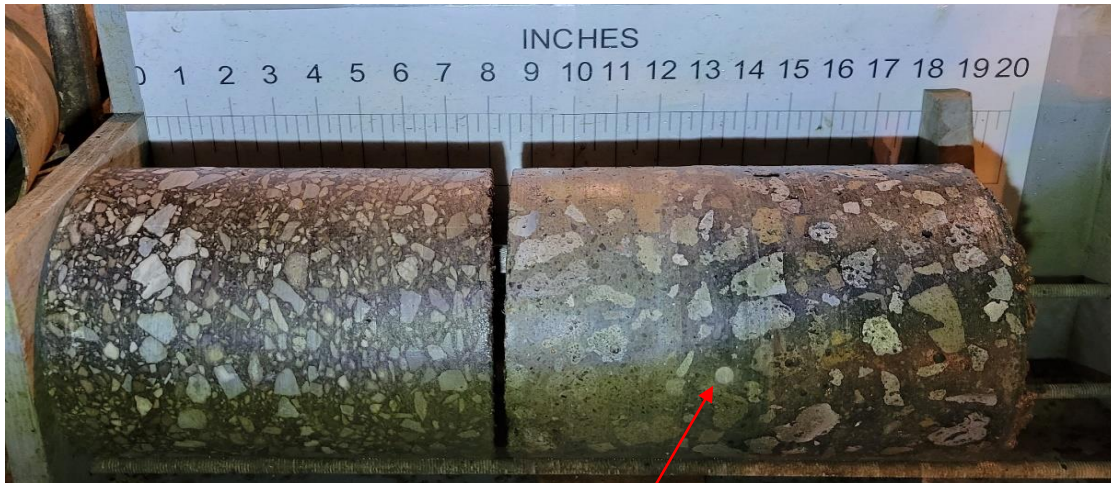
13

Core Number / Thickness

B-013-0-22 / Asphalt = 6½" Concrete = 9½"

Remarks

Reinforcing steel observed 4" below the top of concrete.



Reinforcing Steel

Date: 11/1/2022

Photographer: SHS

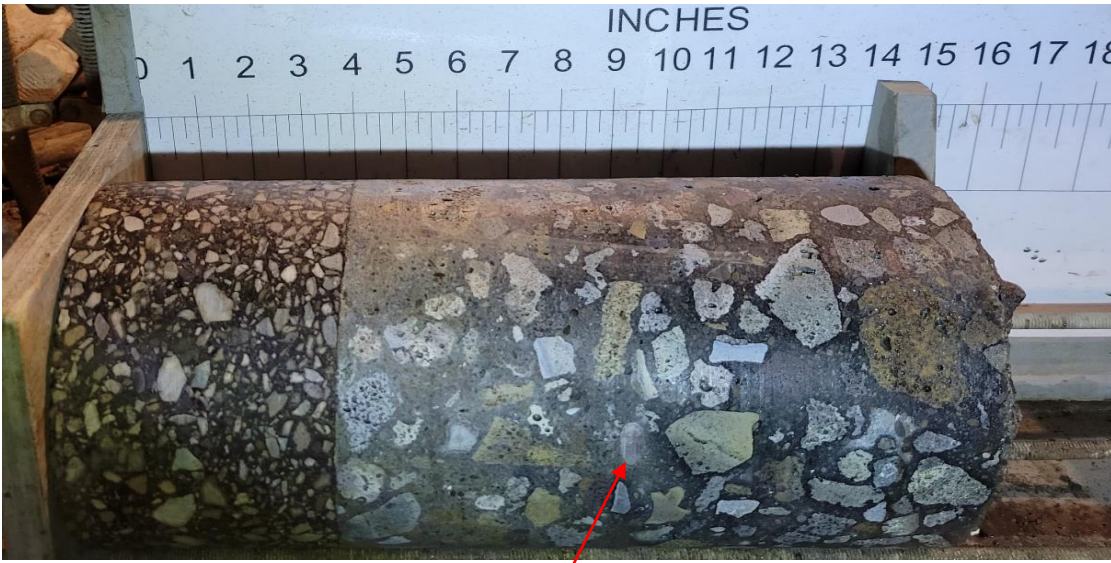
14

Core Number / Thickness

B-013-1-22 / Asphalt = 8¼" Concrete = 9½"

Remarks

Reinforcing steel observed 4" below the top of concrete.



Reinforcing Steel

Date: 11/1/2022

Photographer: SHS

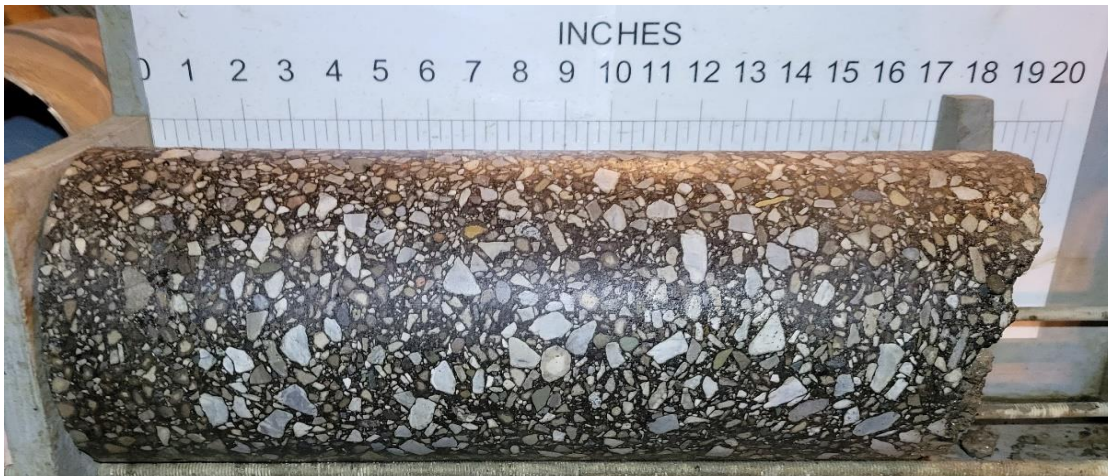
15

Core Number / Thickness

B-013-2-22 / Asphalt = 4 " Concrete = 9¾"

Remarks

Reinforcing steel observed 4¼" below the top of concrete.



Date: 11/1/2022

Photographer: SHS

16

Core Number / Thickness

B-013-3-22 / Asphalt = 17¼"

Remarks

Core length ranged from 15¾" to 17¼".



Date: 11/17/2022

Photographer: SHS

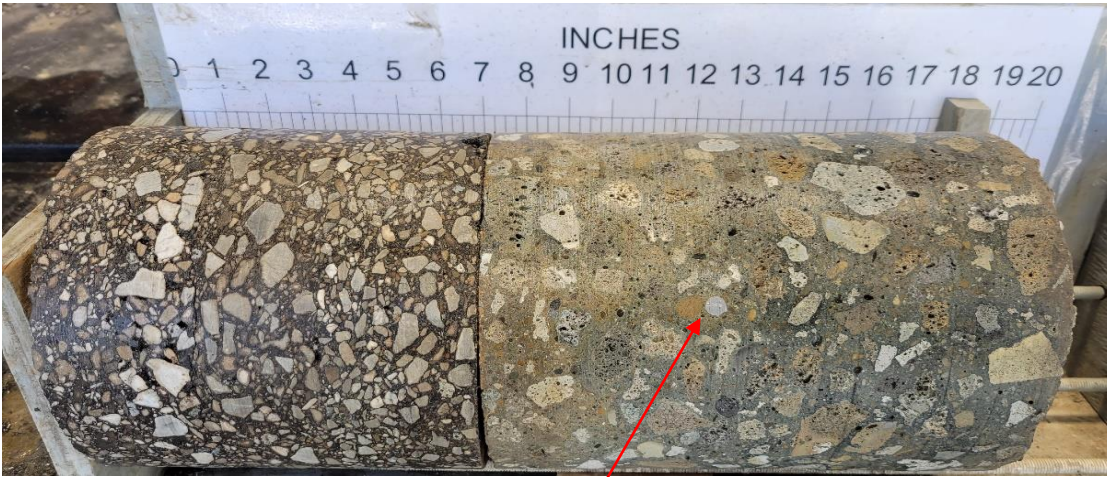
17	Core Number / Thickness	B-014-0-22 / Asphalt = 12 "
	Remarks	



Date: 3/8/2023

Photographer: SHS

18	Core Number / Thickness	B-014-1-22 / Asphalt = 14½"
	Remarks	



Date: 3/8/2023

Photographer: SHS

Reinforcing Steel

19	Core Number / Thickness	B-014-2-22 / Asphalt = 7¾" Concrete = 10 "
	Remarks	Reinforcing steel observed 4¼" below the top of concrete.



Date: 3/8/2023

Photographer: SHS

Reinforcing Steel

20	Core Number / Thickness	B-014-3-22 / Asphalt = 8 " Concrete = 9½"
	Remarks	Reinforcing steel observed 4½" below the top of concrete.



Reinforcing Steel

Date: 3/8/2023

Photographer: SHS

21

Core Number / Thickness

B-014-4-22 / Asphalt = 8 " Concrete = 8½"

Remarks

Reinforcing steel observed 4¼" below the top of concrete.



Layer with higher bitumen content

Reinforcing Steel

Date: 11/1/2022

Photographer: SHS

22

Core Number / Thickness

B-015-0-22 / Asphalt = 8 " Concrete = 9¾"

Remarks

Reinforcing steel observed 3½" below the top of concrete. A layer with higher bitumen content observed about 3" below top of asphalt.

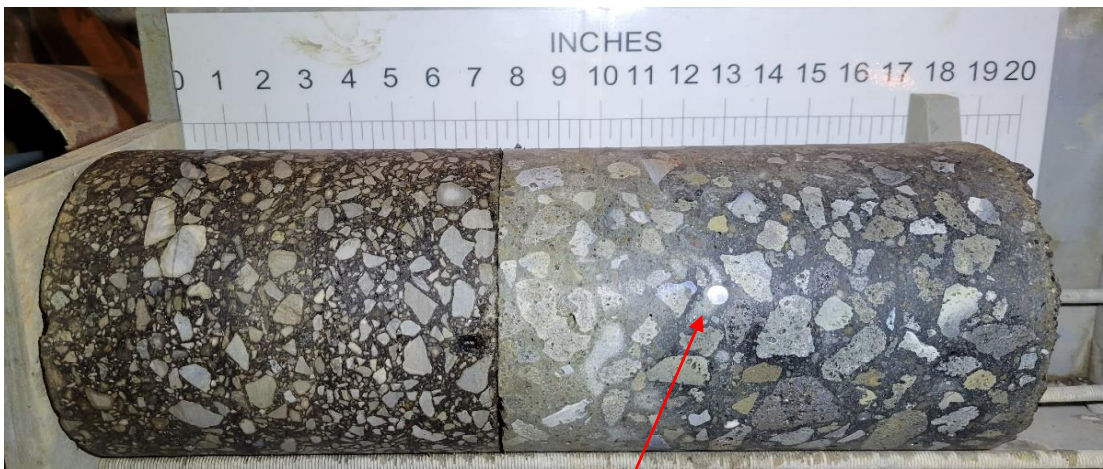


Reinforcing Steel

Date: 3/8/2023

Photographer: SHS

23	Core Number / Thickness	B-016-0-22 / Asphalt = 6¾" Concrete = 9½"
	Remarks	Reinforcing steel observed 2½" below the top of concrete.



Reinforcing Steel

Date: 11/2/2022

Photographer: SHS

24	Core Number / Thickness	B-017-0-22 / Asphalt = 7¾" Concrete = 9½"
	Remarks	Reinforcing steel observed 3¾" below the top of concrete.



Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

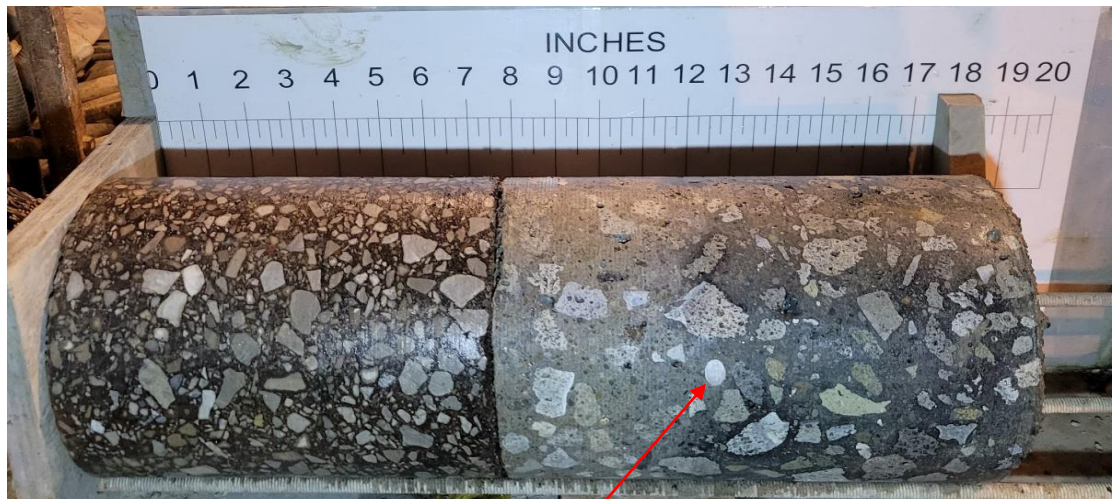
25

Core Number / Thickness

B-018-0-22 / Asphalt = 7 " Concrete = 9½"

Remarks

Reinforcing steel observed 3½" below the top of concrete.



Reinforcing Steel

Date: 11/2/2022

Photographer: SHS

26

Core Number / Thickness

B-021-0-22 / Asphalt = 7¾" Concrete = 9¾"

Remarks

Reinforcing steel observed 3¾" below the top of concrete. A color change was observed in the concrete about 3" from the top of concrete



Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

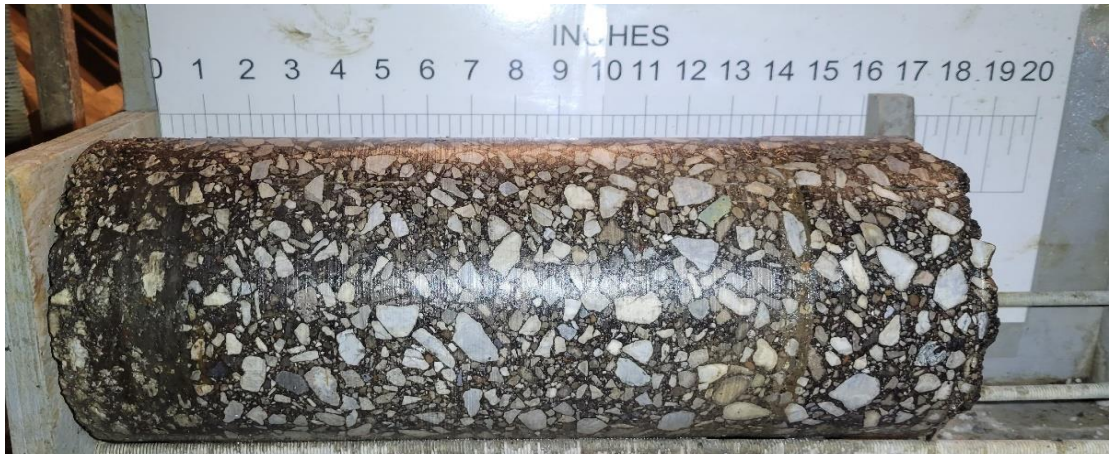
27

Core Number / Thickness

B-022-0-22 / Asphalt = 5¾" Concrete = 9¼"

Remarks

Reinforcing steel observed 3¼" below the top of concrete.



Date: 11/2/2022

Photographer: SHS

28

Core Number / Thickness

B-023-0-22 / Asphalt = 16 "

Remarks



Layer with higher bitumen content

Indentation

Reinforcing Steel

Date: 11/2/2022

Photographer: SHS

29	Core Number / Thickness	B-025-0-22 / Asphalt = 8¾" Concrete = 9¼"
	Remarks	A layer of higher bitumen content observed in the ½" from the bottom of the asphalt. Reinforcing steel observed 3¾", 4½", and 5" below the top of concrete. An indentation was observed about 4"-5" from the top of the concrete.



Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

30	Core Number / Thickness	B-026-0-22 / Asphalt = 7¾" Concrete = 9¼"
	Remarks	Reinforcing steel observed 3½" below the top of concrete.



Date: 11/9/2022

Photographer: KAH

31	Core Number / Thickness	B-033-0-22 / Asphalt = 6" Concrete = 10½"
	Remarks	

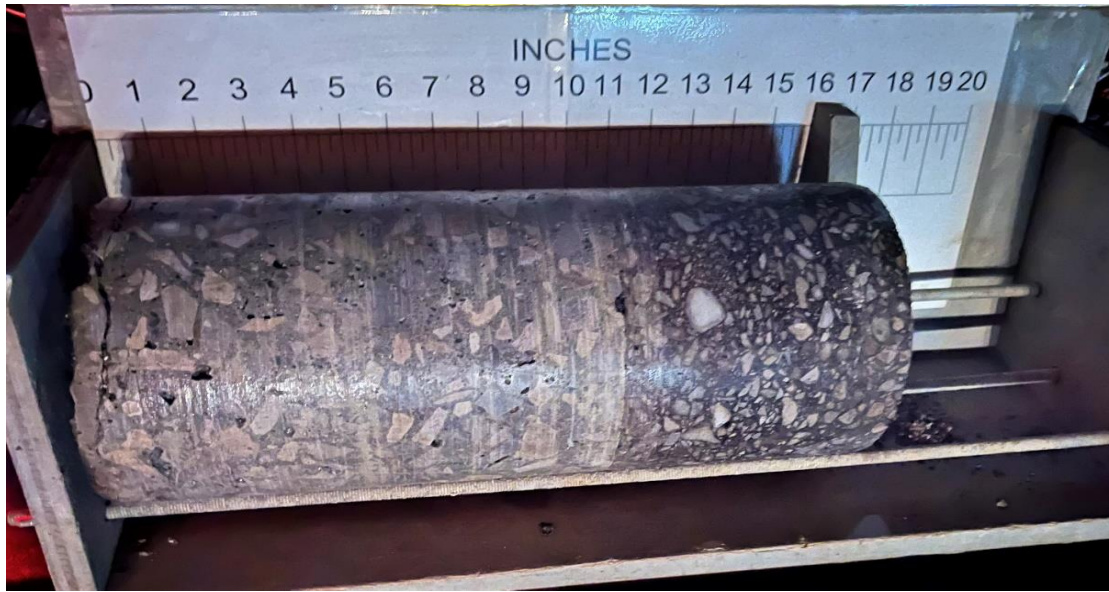


Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

32	Core Number / Thickness	B-036-0-22 / Asphalt = 5½" Concrete = 10½"
	Remarks	Reinforcing steel was observed 3½" and 4" from the top of concrete.



Date: 11/9/2022

Photographer: KAH

33

Core Number / Thickness

B-037-0-22 / Asphalt = 5 " Concrete = 9¾"

Remarks



Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

34

Core Number / Thickness

B-040-0-22 / Asphalt = 8 " Concrete = 10¾"

Remarks

Reinforcing steel was observed 4¼" from the top of concrete.
Deterioration was observed in the lower ½" of the concrete.



Date: 11/9/2022

Photographer: KAH

35	Core Number / Thickness	B-041-0-22 / Asphalt = 9½" Concrete = 5¼"
	Remarks	



Date: 11/9/2022

Photographer: KAH

36	Core Number / Thickness	B-043-0-22 / Asphalt = 13¼"
	Remarks	



Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

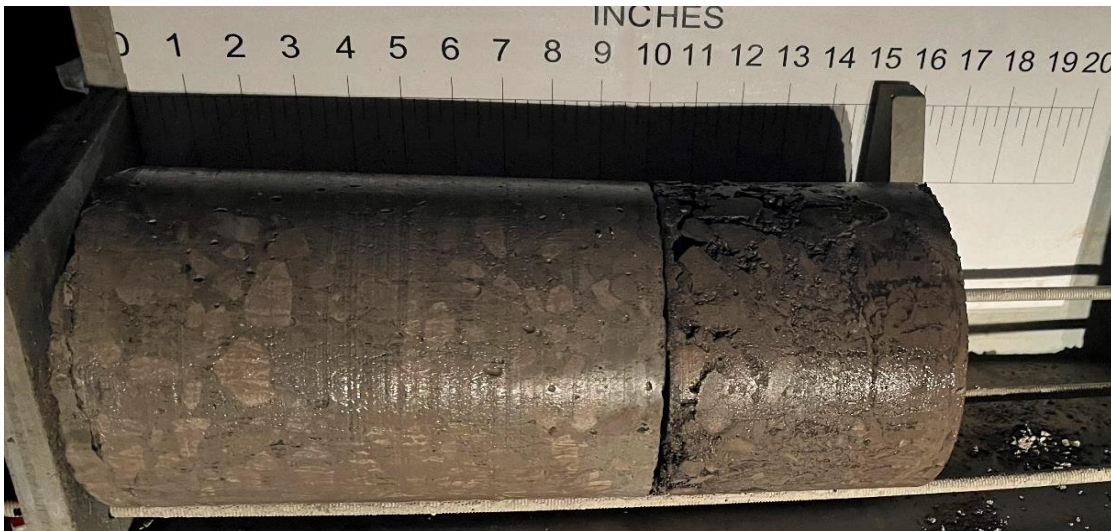
37

Core Number / Thickness

B-046-0-22 / Asphalt = 5 " Concrete = 11 "

Remarks

Reinforcing steel was observed 3³/₄" from the top of concrete. A portion of the lower 3" of the concrete split away during coring.



Date: 11/9/2022

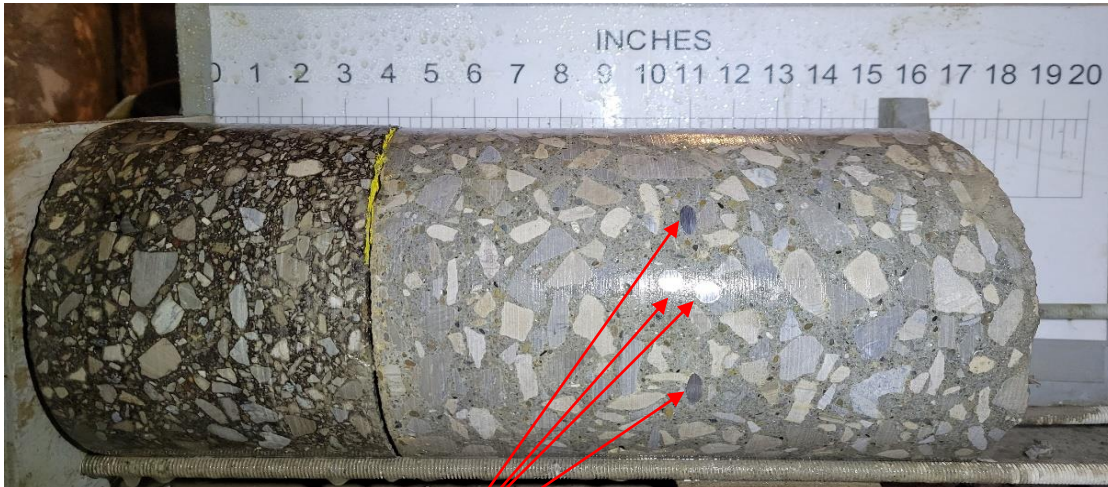
Photographer: KAH

38

Core Number / Thickness

B-047-0-22 / Asphalt = 5 " Concrete = 9 "

Remarks



Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

39	Core Number / Thickness	B-050-0-22 / Asphalt = 5 " Concrete = 10¼"
	Remarks	Reinforcing steel was observed 4½", 4¾, and 5" from the top of concrete.



Reinforcing Steel

Date: 11/9/2022

Photographer: KAH

40	Core Number / Thickness	B-051-0-22 / Asphalt = 5 " Concrete = 9½"
	Remarks	Reinforcing steel was observed 4" and 4¼" from the top of concrete. Horizontal cracks were observed in the lower 1" - ½" of the concrete.



Reinforcing Steel

Date: 11/17/2022

Photographer: SHS

41	Core Number / Thickness	B-054-0-22 / Asphalt = 5 3/4" Concrete = 10 3/4"
	Remarks	Reinforcing steel was observed 4 1/4" from the top of concrete. Deterioration was observed in the lower 1/2" of the concrete.



Reinforcing Steel

Date: 11/9/2022

Photographer: KAH

42	Core Number / Thickness	B-055-0-22 / Asphalt = 5 " Concrete = 10 "
	Remarks	Reinforcing steel was observed 4 1/2" from the top of concrete. Horizontal cracks were observed in the lower 1/2" of the concrete.



Date: 11/9/2022

Photographer: KAH

43

Core Number / Thickness

B-057-1-22 / Asphalt = 10½"

Remarks

Cemented slag/base (4") based partially recovered below asphalt.



Date: 11/9/2022

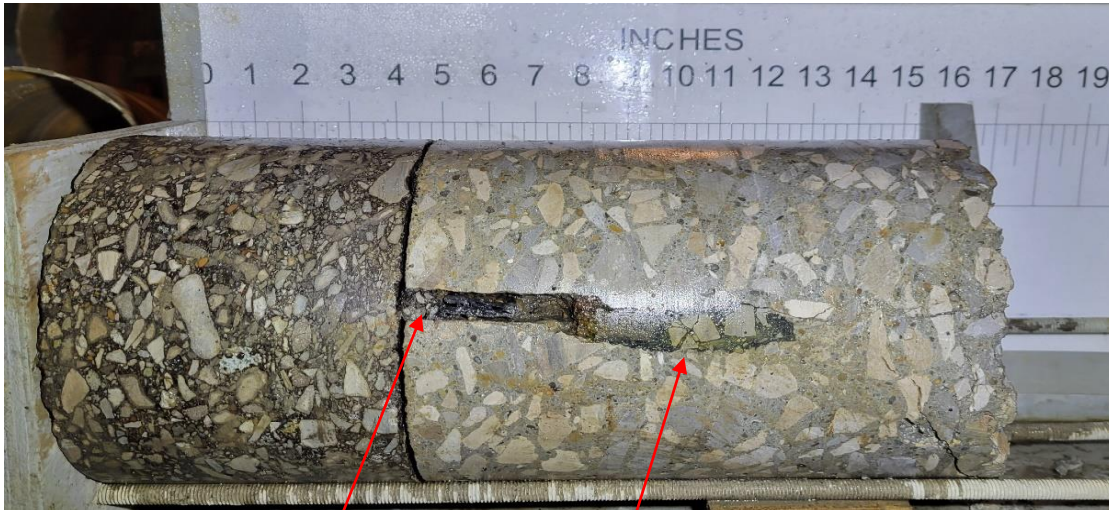
Photographer: KAH

44

Core Number / Thickness

B-057-2-22 / Asphalt = 10½"

Remarks



Expansion Joint Vertical crack

Date: 11/17/2022

Photographer: SHS

45	Core Number / Thickness	B-058-0-22 / Asphalt = 5" Concrete = 10¼"
	Remarks	An expansion joint, was observed in the upper 2½ of the concrete. A vertical crack, filled with a bituminous compound was observed in the upper 5¾" of the concrete. Horizontal cracks were observed in the lower 1" of the concrete.



Date: 11/14/2022

Photographer: SHS

46	Core Number / Thickness	B-058-1-22 / Asphalt = 10¼"
	Remarks	



Date: 11/14/2022

Photographer: SHS

47

Core Number / Thickness

B-058-2-22 / Asphalt = 9½"

Remarks



Date: 11/9/2022

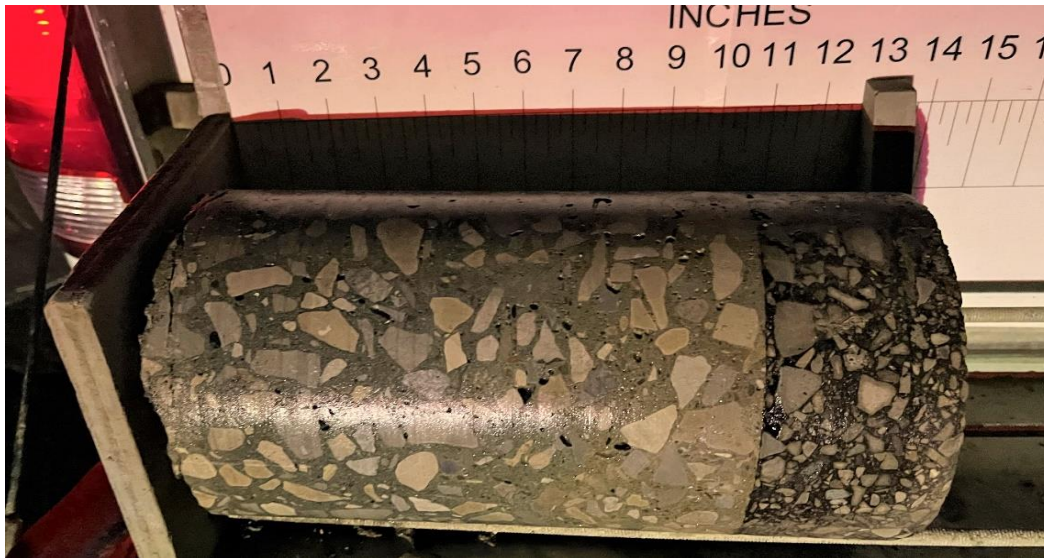
Photographer: KAH

48

Core Number / Thickness

B-059-0-22 / Asphalt = ¾" Concrete = 9½"

Remarks



Date: 11/9/2022

Photographer: KAH

49

Core Number / Thickness

B-059-1-22 / Asphalt = 2¾" Concrete = 9¾"

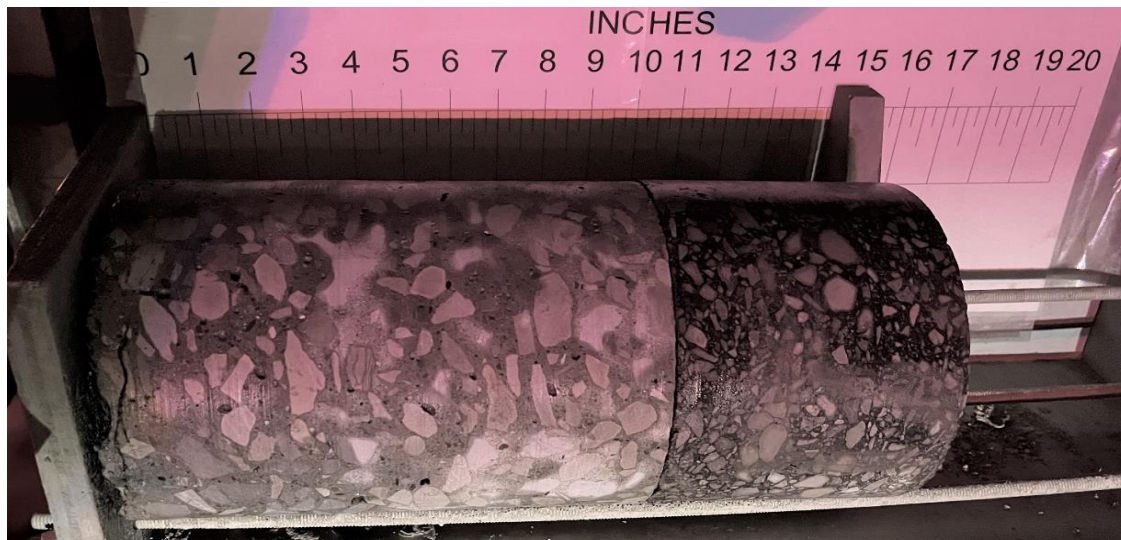
Remarks

50

Core Number / Thickness

B-059-2-22 / Asphalt = 5" Concrete = 9¼"

Remarks



Date: 11/9/2022

Photographer: KAH



Reinforcing Steel

Date: 11/14/2022

Photographer: SHS

51	Core Number / Thickness	B-060-1-22 / Asphalt = 2¾" Concrete = 9¼"
	Remarks	Reinforcing steel was observed 4½" from the top of concrete.



Reinforcing Steel

Date: 11/14/2022

Photographer: SHS

52	Core Number / Thickness	B-060-2-22 / Asphalt = 5½" Concrete = 9½"
	Remarks	Deterioration was observed in the lower 1" of the asphalt. Reinforcing steel was observed 4¾" and 5" from the top of concrete. Horizontal cracks were observed in the lower ½" of the concrete.



Reinforcing Steel

Date: 11/16/2022

Photographer: SHS

53	Core Number / Thickness	B-062-0-22 / Asphalt = 6 " Concrete = 9¼"
	Remarks	Reinforcing steel observed 4¾" below the top of concrete.



Date: 11/11/2022

Photographer: SHS

54	Core Number / Thickness	B-063-0-22 / Asphalt = 5 " Concrete = 9¾"
	Remarks	

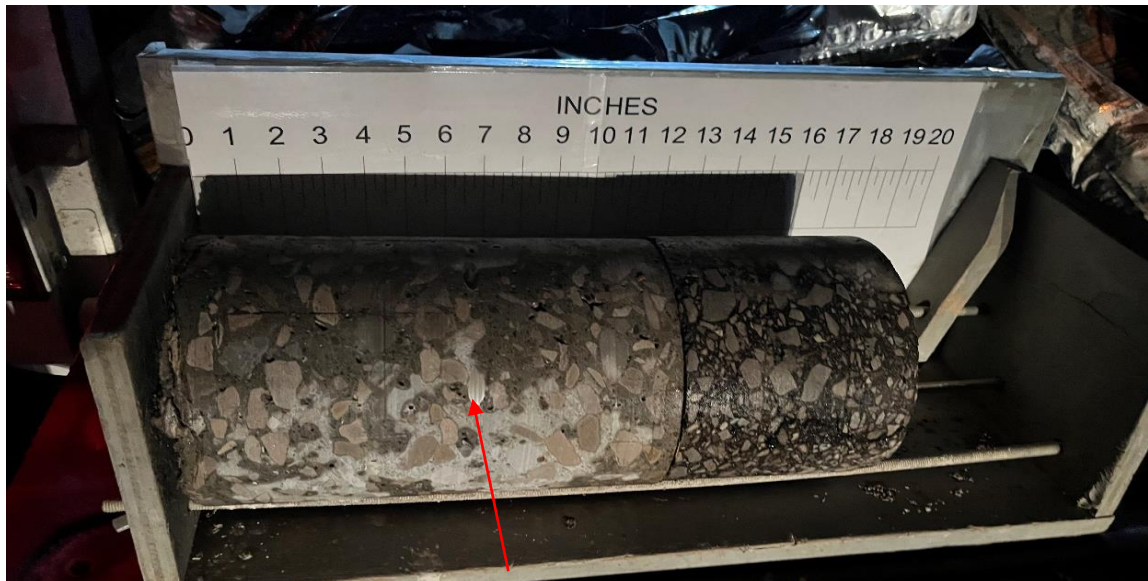


Date: 11/16/2022

Photographer: SHS

Reinforcing Steel

55	Core Number / Thickness	B-066-0-22 / Asphalt = 5¾" Concrete = 10¼"
	Remarks	Reinforcing steel observed 4½" below the top of concrete. Deterioration observed in the lower ½" of the concrete.



Date: 11/11/2022

Photographer: SHS

Reinforcing Steel

56	Core Number / Thickness	B-067-0-22 / Asphalt = 5¼" Concrete = 10½"
	Remarks	Reinforcing steel observed 4½" below the top of concrete.



Reinforcing Steel

Date: 11/16/2022

Photographer: SHS

57	Core Number / Thickness	B-070-0-22 / Asphalt = 5 " Concrete = 10 "
	Remarks	Reinforcing steel observed 4¼" and 4½" below the top of concrete.



Date: 11/11/2022

Photographer: SHS

58	Core Number / Thickness	B-071-0-22 / Asphalt = 5½" Concrete = 9½"
	Remarks	



Date: 11/16/2022

Photographer: SHS

59	Core Number / Thickness	B-074-0-22 / Asphalt = 5¾" Concrete = 10¼"
	Remarks	Reinforcing steel observed 4¼" below the top of concrete. Horizontal cracks observed in the lower ½" of the concrete.



Date: 11/11/2022

Photographer: SHS

60	Core Number / Thickness	B-075-0-22 / Asphalt = 5¼" Concrete = 10½"
	Remarks	



Date: 11/16/2022

Photographer: SHS

Reinforcing Steel

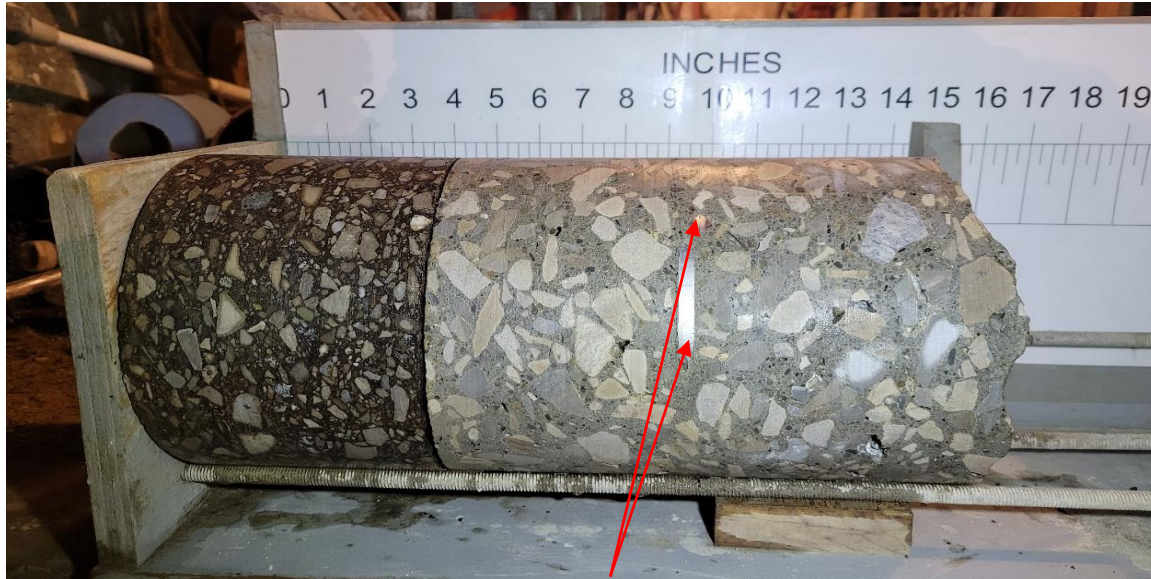
61	Core Number / Thickness	B-078-0-22 / Asphalt = 5¾" Concrete = 10¼"
	Remarks	Reinforcing steel observed 4½" below the top of concrete. Deterioration observed in the asphalt and concrete layers at their interface.



Date: 11/11/2022

Photographer: SHS

62	Core Number / Thickness	B-079-0-22 / Asphalt = 5 " Concrete = 10¼"
	Remarks	



Reinforcing Steel

Date: 11/16/2022

Photographer: SHS

63

Core Number / Thickness

B-082-0-22 / Asphalt = 5" Concrete = 9¼"

Remarks

Reinforcing steel observed 4" and 4¼" below the top of concrete.



Date: 11/11/2022

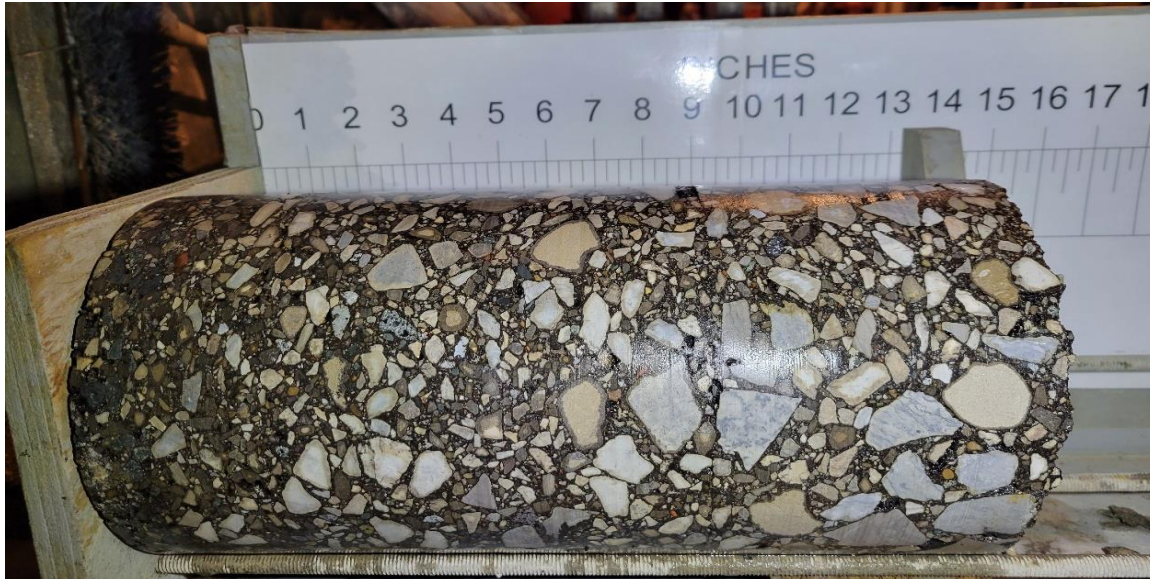
Photographer: SHS

64

Core Number / Thickness

B-083-0-22 / Asphalt = 5¾" Concrete = 9½"

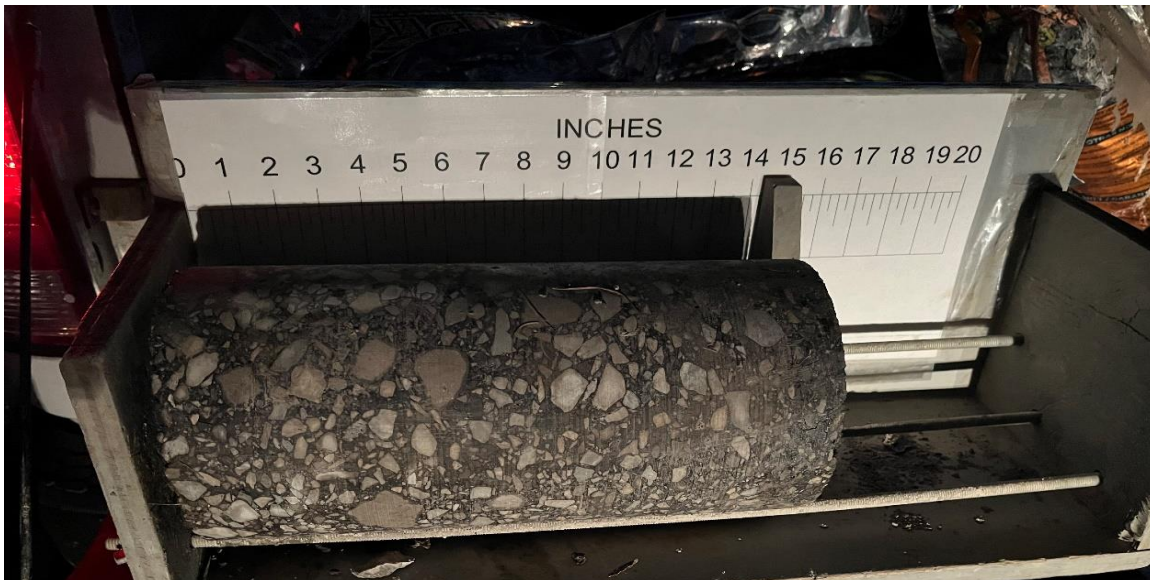
Remarks



Date: 11/16/2022

Photographer: SHS

65	Core Number / Thickness	B-086-0-22 / Asphalt = 13¼"
	Remarks	



Date: 11/11/2022

Photographer: SHS

66	Core Number / Thickness	B-087-0-22 / Asphalt = 13½"
	Remarks	



Date: 11/16/2022

Photographer: SHS

67	Core Number / Thickness	B-090-0-22 / Asphalt = 13 "
	Remarks	

NO PHOTO AVAILABLE		Date:
		Photographer:

68	Core Number / Thickness	B-091-0-22 / Asphalt = 13 "
	Remarks	



Reinforcing Steel

Date: 11/16/2022

Photographer: SHS

69

Core Number / Thickness

B-094-0-22 / Asphalt = 5 " Concrete = 9¾"

Remarks

Reinforcing steel observed 4½" below the top of concrete.



Date: 11/11/2022

Photographer: SHS

70

Core Number / Thickness

B-095-0-22 / Asphalt = 4¾" Concrete = 10½"

Remarks



Date: 11/16/2022

Photographer: SHS

71	Core Number / Thickness	B-098-0-22 / Asphalt = 4 " Concrete = 10 "
	Remarks	Reinforcing steel observed 4½" below the top of concrete. Horizontal cracks observed in the lower 2" of the concrete.

72	Core Number / Thickness	
	Remarks	

Date:

Photographer: