

SOIL AND MATERIAL CONSULTANTS, INC. Date: 8/13/09
 8 WEST COLLEGE DRIVE OFFICE: (847) 870-0544
 ARLINGTON HEIGHTS, IL 60004 FAX: (847) 870-0581
 File No.: 19677

CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No.: 1 Work Done By: AC & DA
 Location of Core: Mill Road - Station 110+60 - 10' R.
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	1-3/4" Bituminous concrete - surface	Full
2		
3	1-3/4" Bituminous concrete - binder	Full
4		
5		
6		
7	8-1/2" BBC	Full
8		
9		
10		
11		
12		
13		
14		
15	5-0" Crushed limestone	Partial
16		
17	E.O.C. Total 17-0"	
18		
19		
20		

G-333

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CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No.: 2 Work Done By: AC & DA
 Location of Core: Mill Road - Station 109+60 - 6' L.
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	1-0" Bituminous concrete - surface	Full
2	1-3/4" Bituminous concrete - binder	Full
3		
4		
5		
6	5-1/4" BBC	Full
7		
8		
9		
10		
11		
12		
13		
14	14-0" Large crushed limestone & fines	Partial
15		
16		
17		
18		
19		
20		
21		
22	E.O.C. Total 22-0"	

G-333

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CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No.: 3 Work Done By: AC & DA
 Location of Core: Army Trail - Station 202+00 - 22' R. of RL
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	2-0" Bituminous concrete - surface	Full
2		
3	2-1/4" Bituminous concrete - binder	Full
4		
5		
6		
7	6-1/4" BBC	Full
8		
9		
10		
11		
12	3-1/2" Crushed limestone	Partial
13		
14	E.O.C. Total 14-0"	
15		
16		
17		
18		
19		
20		

G-333

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CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No.: 4 Work Done By: AC & DA
 Location of Core: Army Trail - Station 209+00 - 12' L. of RL
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	1-1/4" Bituminous concrete - surface	Full
2	PETROMAT	
3	1-0" Bituminous concrete - surface	Full
4		
5		
6		
7	2-0" Bituminous concrete - binder	Full
8		
9		
10		
11		
12	6-1/4" BBC	Full
13		
14		
15	4-1/4" Crushed limestone	Partial
16		
17	E.O.C. Total 14-1/4"	
18		
19		
20		

G-333

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CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No.: 5 Work Done By: AC & DA
 Location of Core: Army Trail - Station 216+00 - 20' R. of RL
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	2-1/2" Bituminous concrete - surface	Full
2	PETROMAT	
3	2-1/4" Bituminous concrete - binder	Full
4		
5		
6		
7	7-3/4" BBC	Full
8		
9		
10		
11		
12		
13		
14		
15	5-1/2" Crushed limestone	Partial
16		
17	E.O.C. Total 18-0"	
18		
19		
20		

G-333

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CORE LOG

Client: Baxter & Woodman, Inc. Reference: Mill Rd. & Army Trail Rd. Improvements
 Addison, IL
 Core No.: 6 Work Done By: AC & DA
 Location of Core: Army Trail - Station 223+00 - 25' L. of RL
 Description of Core Wall: Smooth
 Comments:

(Depth, in.)	Type of Material	Recovery
0		
1	1-0" Bituminous concrete - surface	Full
2	PETROMAT	
3	1-0" Bituminous concrete - surface	Full
4		
5	2-0" Bituminous concrete - binder	Full
6		
7		
8	8-1/4" BBC	Full
9		
10		
11		
12		
13		
14		
15		
16		
17	4-3/4" Crushed limestone	Partial
18		
19	E.O.C. Total 17-0"	
20		

G-333

SOIL AND MATERIAL CONSULTANTS, INC. BORING LOG 1
 Arlington Heights, Illinois (847) 870-0544
 Logged By: DA Page: 1 of 1
 Client: Baxter & Woodman, Inc. File No. 19677 Date Drilled: 8/13/09
 Reference: Mill Rd. & Army Trail Rd. Improvements Addison, IL
 Drilled By: AC
 Comments: Mill Road - Station 110+60, 10' R.
 Equipment: CME 45B CME 55 Hand Auger Other

Elev. ft.	Description	Depth, ft.	G	S	T	R	B	N	Pen.	W	Lw	Qu
(SEE CORE LOG)												
	Brown-gray clay, some silt, trace sand & gravel, damp, hard - Fill	1							5			
	Black silt, some clay, trace sand & gravel, damp, medium dense - Fill	2	SS	18"				15	21.0	108.2	4.2	
	Black silt, some clay, trace sand, damp, loose (topsoil)	3							26.4			
	Dark gray to brown-gray clay, some sand & gravel, damp, very damp, tough	4	SS	18"				9	1.25	22.3	104.4	1.8
	Dark gray to brown-gray clay, some sand & gravel, damp, very damp, stiff to very tough	5	SS	18"				5	1.25	27.4	96.2	0.9
		6							5			
		7							5			
		8							5			
		9							5			
		10	SS	18"				13	1.5	20.9	106.2	2.6
		11							5			
		12							5			
		13							5			
	Gray clay, some silt, trace sand & gravel, damp, tough	7	SS	18"				5	1.5	20.8	109.9	1.3
	End of Boring											
		15										
		20										

F-116

Water encountered at dry feet during drilling operations (W.D.)
 Water recorded at d:7 feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)

SOIL AND MATERIAL CONSULTANTS, INC. BORING LOG 2
 Arlington Heights, Illinois (847) 870-0544
 Logged By: DA Page: 1 of 1
 Client: Baxter & Woodman, Inc. File No. 19677 Date Drilled: 8/13/09
 Reference: Mill Rd. & Army Trail Rd. Improvements Addison, IL
 Drilled By: AC
 Comments: Mill Road - Station 109+60, 6' L.
 Equipment: CME 45B CME 55 Hand Auger Other

Elev. ft.	Description	Depth, ft.	G	S	T	R	B	N	Pen.	W	Lw	Qu
(SEE CORE LOG)												
	Crushed limestone, damp-saturated, dense to medium dense - Fill											
		1	SS	18"				15	32		4.9	
		2							17			
		3							8			
		4							10			
		5	SS	14"				25			4.5	
		6							7			
		7							7			
		8							7			
		9							7			
		10	SS	12"				14			5.7	
		11							8			
		12							7			
		13							8			
		14							8			
	Brown-gray-black clay & silt, trace sand & gravel, very damp, medium dense	5	SS	15"				10			8.7	
		6							2		20.1	
		7							4			
	Brown clay, some silt, trace sand & gravel, damp, very tough	7	SS	18"				3	3.5	18.3	111.9	3.9
	End of Boring											
		15										
		20										

F-116

Water encountered at 7.0 feet during drilling operations (W.D.)
 Water recorded at 7.0 feet on completion of drilling operations (A.D.)
 Water recorded at feet hours after completion of drilling operations (A.D.)

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 2/08/09 11/18/2009 1:43 PM By: 231UBB
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DESIGNED - JJS	REVISED - VILLAGE REVIEW 9-08-09
DRAWN - UKB	REVISED - VILLAGE REVIEW 11-05-09
CHECKED - SMV	REVISED - IDOT REVIEW 11-17-09
DATE - 8-19-09	REVISED -

VILLAGE OF ADDISON, ILLINOIS
 MILL ROAD AND ARMY TRAIL BOULEVARD
 STP IMPROVEMENTS

SCALE: HORIZ. 1"=20' / VERT. 1"=5'
 PROJECT NO: 070142 STA. TO STA.

*3884 ARMY TRAIL BLVD. *2625 MILL ROAD	F.A.U. RTE. * 09-00098-00-RS	COUNTY DuPage	TOTAL SHEETS 69	SHEET NO. 59
C-91-056-10		CONTRACT NO. 63427		
FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT M-9093 (474)