

OFFICE OF THE FULTON COUNTY ENGINEER

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January 30, 2024

CLARIFICATION 1

Reconstruction of Fulton County Road 11 Between Road A and Road B

RE: Road Core Information.

1. Road cores and subsurface conditions were obtained in 2006 and are attached.

End of clarification.

CLIENT
FULTON COUNTY

JOB NO.
136992

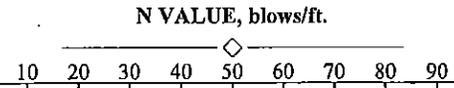
PROJECT
PAVEMENT INVESTIGATION, VAIROUS FULTON COUNTY
ROADS, FULTON COUNTY, OHIO

BORING STARTED 3/7/06 BORING COMPLETED 3/7/06
DRILLER DS METHOD 3 1/4" HSA
TYPED BY abk

B-44
Boring No.

Sheet 1 of 1

DEPTH	SAMPLE NO.	SAMPLER TYPE RECOVERY	GRAPHIC LOG	PROJECT LOCATION		BLOW COUNTS	COMMENTS	REMARKS
				LAT.	LONG.			
				SURFACE ELEVATION				
				BORING LOCATION				
				<i>It has been necessary to interpolate between samples. Therefore, the contacts between the various soil strata should not be taken as absolute.</i>				
				VISUAL CLASSIFICATION OF THE MATERIAL				
				Asphalt (2" Thick)				
				(FILL) Crushed stone				
1.0				Loose brown sand, some silt, moist		10		
2.0	1A			Stiff gray clay, some silt, some sand, trace of gravel, moist		11		
3.0				Stiff brown and gray clay and silt, some sand, trace of gravel, moist		12	23	
4.0	2A					11		
5.0						12	23	
5.0				Bottom of boring at 5'		12		
6.0								
7.0								
8.0								
9.0								
10.0								
11.0								
12.0								
13.0								
14.0								
15.0								
16.0								
17.0								
18.0								
19.0								
20.0								
21.0								
22.0								



WATER LEVEL MEASUREMENTS

	DEPTH	DATE
INITIAL	None	3/7/2006
AT COMPLETION	None	3/7/2006
OTHER		

- A—SPLIT SPOON
- B—
- C—SHELBY TUBE
- D—ROCK CORE



CLIENT
FULTON COUNTY

JOB NO.

136992

PROJECT
PAVEMENT INVESTIGATION, VARIOUS FULTON COUNTY
ROADS, FULTON COUNTY, OHIO

BORING
STARTED 3/7/06

BORING
COMPLETED 3/7/06

DRILLER

DS

METHOD
3 1/4" HSA

TYPED BY

abk

B-45
Boring No.

Sheet 1 of 1

DEPTH	SAMPLE NO.	SAMPLER TYPE RECOVERY	GRAPHIC LOG	PROJECT LOCATION		BLOW COUNTS	COMMENTS	REMARKS
				LAT.	LONG.			
				SURFACE ELEVATION				
				BORING LOCATION				
				<i>It has been necessary to interpolate between samples. Therefore, the contacts between the various soil strata should not be taken as absolute.</i>				
				VISUAL CLASSIFICATION OF THE MATERIAL				
				Asphalt (1.75" Thick)				
				(FILL) Crushed stone				
				Medium stiff brown clay, some silt, some sand, trace of gravel, moist				
				Bottom of boring at 5'				
1.0						5		
2.0	1A					6		
3.0						8	14	
4.0	2A					6		
5.0						8		
6.0						8	16	
7.0						7		
8.0								
9.0								
10.0								
11.0								
12.0								
13.0								
14.0								
15.0								
16.0								
17.0								
18.0								
19.0								
20.0								
21.0								
22.0								

WATER LEVEL MEASUREMENTS

	DEPTH	DATE
INITIAL	None	3/7/2006
AT COMPLETION	None	3/7/2006
OTHER		

-  A - SPLIT SPOON
-  B -
-  C - SHELBY TUBE
-  D - ROCK CORE



136992-XXXX-XXXX.GPJ 4/12/06

CLIENT
FULTON COUNTY

JOB NO.

136992

PROJECT
PAVEMENT INVESTIGATION, VARIOUS FULTON COUNTY
ROADS, FULTON COUNTY, OHIO

BORING
STARTED 3/7/06
DRILLER

BORING
COMPLETED 3/7/06
METHOD
3 1/4" HSA

B-46
Boring No.

TYPED BY
abk

Sheet 1 of 1

DEPTH	SAMPLE NO.	SAMPLER TYPE RECOVERY	GRAPHIC LOG	PROJECT LOCATION		BLOW COUNTS	COMMENTS	REMARKS
				LAT.	LONG.			
				SURFACE ELEVATION				
				BORING LOCATION				
				<i>It has been necessary to interpolate between samples. Therefore, the contacts between the various soil strata should not be taken as absolute.</i>				
				VISUAL CLASSIFICATION OF THE MATERIAL				
				Asphalt (2.25" Thick)				
				(FILL) Crushed stone				
1.0				Very stiff brown clay, some silt, some sand, trace of gravel, moist		7		
2.0	1A					8		
3.0						8	7	16
4.0	2A					8		
5.0						9		17
6.0				Bottom of boring at 5'		9		
7.0								
8.0								
9.0								
10.0								
11.0								
12.0								
13.0								
14.0								
15.0								
16.0								
17.0								
18.0								
19.0								
20.0								
21.0								
22.0								

WATER LEVEL MEASUREMENTS

	DEPTH	DATE
INITIAL	None	3/7/2006
AT COMPLETION	None	3/7/2006
OTHER		

-  A - SPLIT SPOON
-  B -
-  C - SHELBY TUBE
-  D - ROCK CORE



CLIENT
FULTON COUNTY

JOB NO.
136992

PROJECT
PAVEMENT INVESTIGATION, VARIOUS FULTON COUNTY
ROADS, FULTON COUNTY, OHIO

BORING STARTED 3/7/06
BORING COMPLETED 3/7/06
DRILLER DS
METHOD 3 1/4" HSA
TYPED BY abk

B-47
Boring No.
Sheet 1 of 1

DEPTH	SAMPLE NO.	SAMPLER TYPE RECOVERY	GRAPHIC LOG	PROJECT LOCATION		BLOW COUNTS	COMMENTS	REMARKS
				LAT.	LONG.			
				SURFACE ELEVATION				
				BORING LOCATION				
				<i>It has been necessary to interpolate between samples. Therefore, the contacts between the various soil strata should not be taken as absolute.</i>				
				VISUAL CLASSIFICATION OF THE MATERIAL				
				Asphalt (2.75" Thick)				
				(FILL) Crushed stone				
1.0				Medium dense brown and dark brown sand, some silt, some clay, trace of gravel, moist		5		
2.0	1A					6		
3.0				(becomes wet at 3')		5	12	∇
4.0	2A					4		
5.0				Bottom of boring at 5'		3	7	
6.0								
7.0								
8.0								
9.0								
10.0								
11.0								
12.0								
13.0								
14.0								
15.0								
16.0								
17.0								
18.0								
19.0								
20.0								
21.0								
22.0								

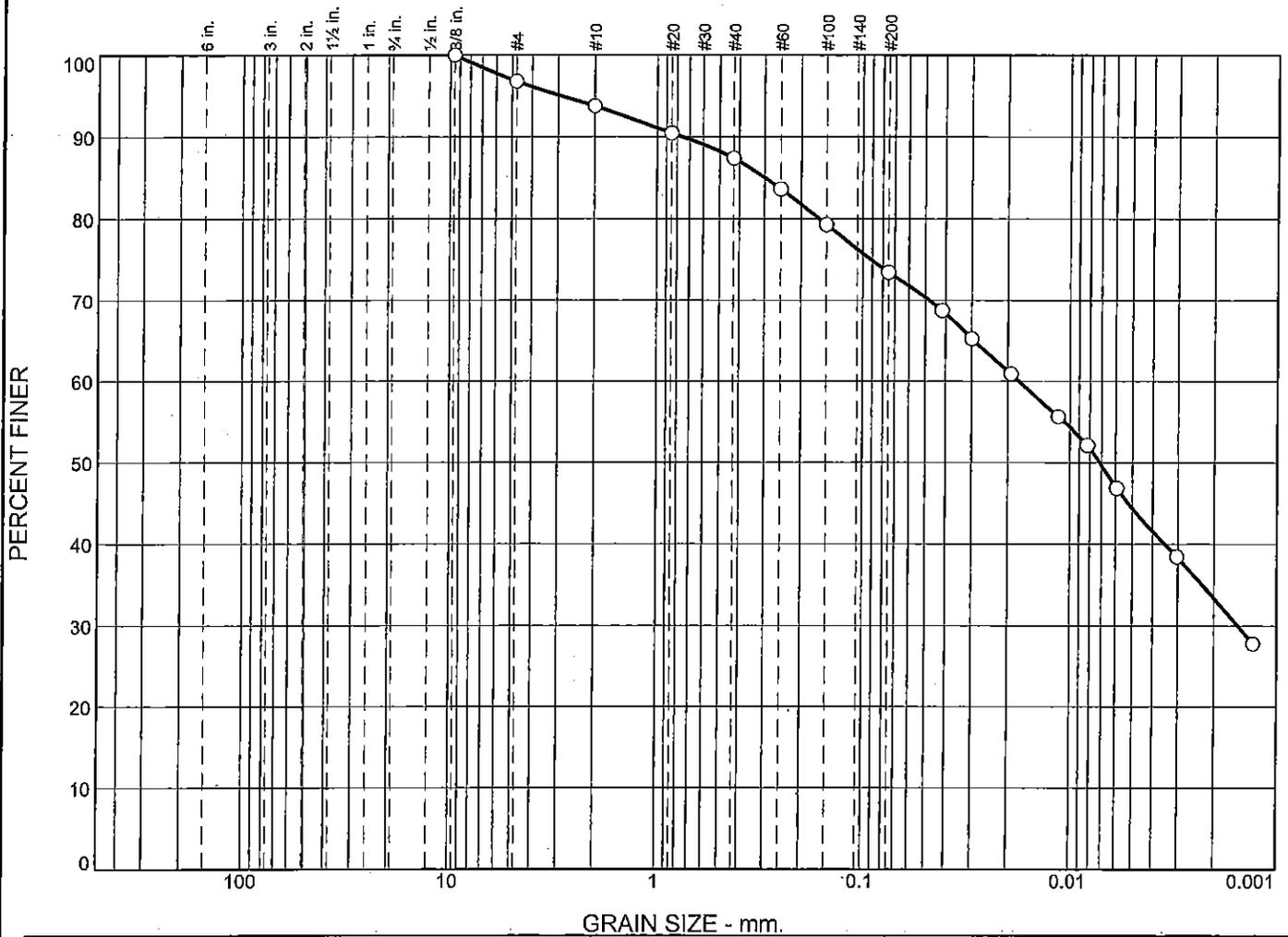
WATER LEVEL MEASUREMENTS

	DEPTH	DATE
INITIAL	3.0	∇ 3/7/2006
AT COMPLETION	None	∇ 3/7/2006
OTHER		∇

-  A - SPLIT SPOON
-  B -
-  C - SHELBY TUBE
-  D - ROCK CORE



Grain Size Distribution Report



% Boulders	% +3"	% Gravel		% Sand		% Fines	
		Coarse	Fine	Coarse	Fine	Silt	Clay
0.0	0.0	0.0	6.2	6.4	14.0	29.1	44.3

LL	PL	D ₈₅	D ₆₀	D ₅₀	D ₃₀	D ₁₅	D ₁₀	C _c	C _u
37	17	0.2996		0.0072	0.0015				

Material Description	USCS	AASHTO
○ Brown clay, some silt, some sand, trace of gravel		

Project No. 136992 **Client:** Fulton County, Wauseon, Ohio
Project: Pavement Investigation,
 Various Fulton County Roads, Fulton County, Ohio
 ○ **Source of Sample:** Boring #44-1A, Depth 1.0'-3.0'

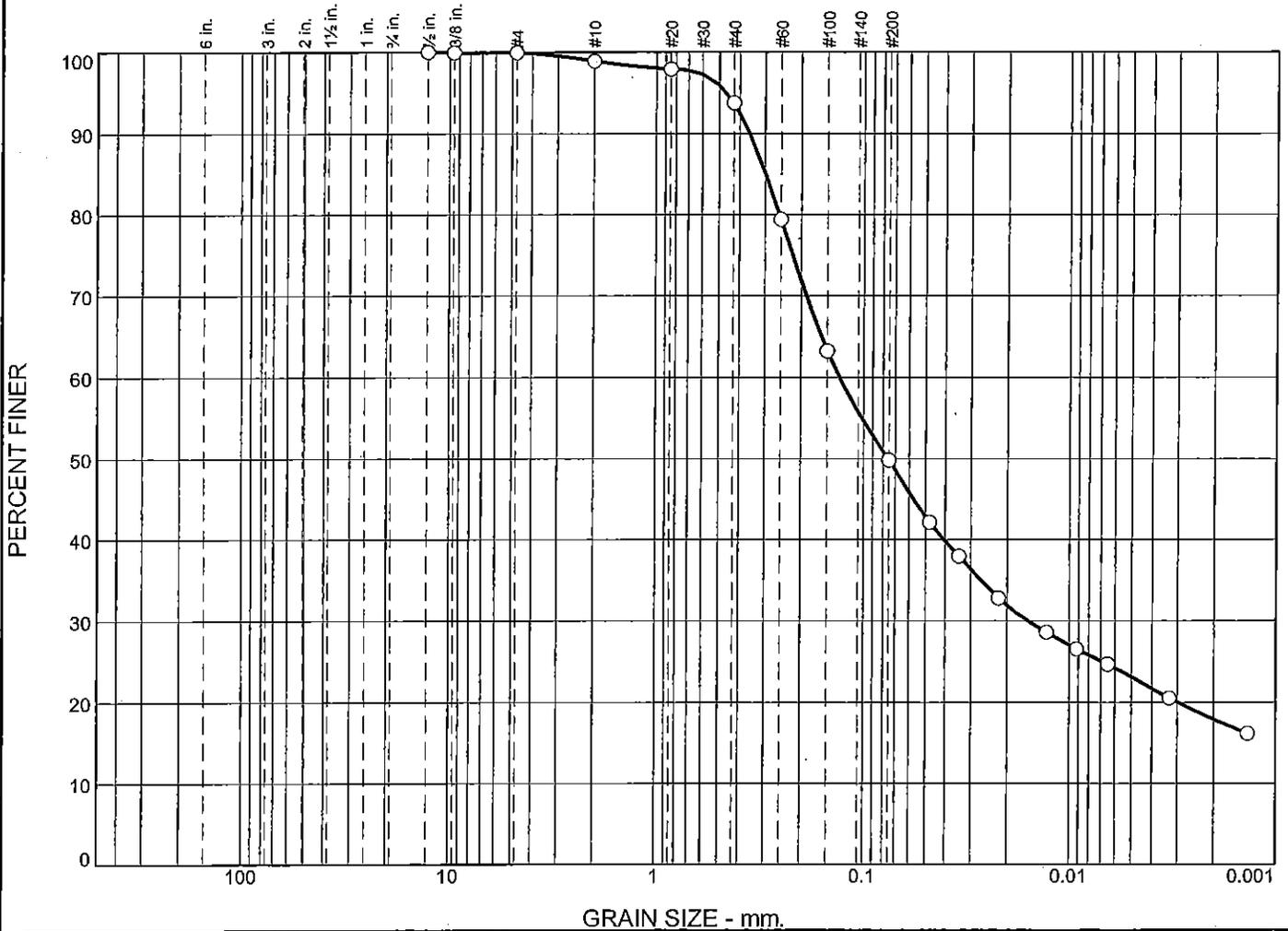
BOWSER-MORNER, INC.

Toledo, Ohio

Remarks:
 ○ 6.4% Coarse Sand
 14.0% Fine Sand
 ODOT Classification
 A-6b (12), D₅₀ = 0.0072 mm

Figure

Grain Size Distribution Report



	% Boulders	% +3"	% Gravel		% Sand		% Fines			
			Coarse	Fine	Coarse	Fine	Silt	Clay		
○	0.0	0.0	0.0	1.1	5.1	44.0	26.7	23.1		
×	LL	PL	D ₈₅	D ₆₀	D ₅₀	D ₃₀	D ₁₅	D ₁₀	C _c	C _u
○	30	16	0.2982	0.1314	0.0759	0.0159				

Material Description	USCS	AASHTO
○ Brown sand, some silt, some clay, trace of gravel		

<p>Project No. 136992 Client: Fulton County, Wauseon, Ohio</p> <p>Project: Pavement Investigation, Various Fulton County Roads, Fulton County, Ohio</p> <p>○ Source of Sample: Boring #47-1A, Depth 1.0'-3.0'</p>	<p>Remarks:</p> <ul style="list-style-type: none"> ○ 5.1% Coarse Sand 44.0% Fine Sand ODOT Classification A-6a (4), D₅₀ = 0.0759 mm
<p>BOWSER-MORNER, INC.</p> <p>Toledo, Ohio</p>	

Figure