ARKANSAS DEPARTMENT OF TRANSPORTATION



SUBSURFACE INVESTIGATION

STATE JOB NO. 080500					
FEDERAL AID PROJECT NO. NHPP-0058(45)					
CREEK AT L.M. 0.15 STR. & APPRS. (S)					
STATE HIGHWAY	331	SECTION	0		
IN _		POPE		COUNTY	

The information contained herein was obtained by the Department for design and estimating purposes only. It is being furnished with the express understanding that said information does not constitute a part of the Proposal or Contract and represents only the best knowledge of the Department as to the location, character and depth of the materials encountered. The information is only included and made available so that bidders may have access to subsurface information obtained by the Department and is not intended to be a substitute for personal investigation, interpretation and judgment of the bidder. The bidder should be cognizant of the possibility that conditions affecting the cost and/or quantities of work to be performed may differ from those indicated herein.

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

January 26, 2017

TO:

Mr. Trinity Smith, Engineer of Roadway Design

SUBJECT:

Job No. 080500

Creek at L.M. 0.15 Str. & Apprs. (S)

Route 331 Section 0

Pope County

Transmitted herewith is the requested Soil Survey, Strength Data and Resilient Modulus test results for the above referenced job. The project consists of replacing a bridge on Highway 331. Samples were obtained in the existing travel lanes and ditch line. There were no paved shoulders within the project limits.

Based on laboratory results of samples obtained, the subgrade soils consist primarily of low plasticity sandy clay. Cross sections are not currently available; it is assumed that the construction grade line will closely match that of the existing roadway. The subgrade soils are expected to provide a stable working platform with normal drying and compactive efforts, if the weather is favorable during construction.

Additional earthwork requirements will be made upon request when plans are further developed.

Listed below is the additional information requested for use in developing the plans:

1. The Qualified Products List (QPL) indicates that Aggregate Base Course (Class CL-7) is available from commercial producers located near Russellville.

2. Asphalt Concrete Hot Mix

Type	Asphalt Cement %	Mineral Aggregate %
Surface Course	5.2	94.8
Binder Course	4.4	95.6
Base Course	3.9	96.1

MCB:pt:bjj Attachment

CC:

State Constr. Eng. - Master File Copy

District 8 Engineer

System Information and Research Div.

G. C. File

Michael C. Benson

Materials Engineer

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT - LITTLE ROCK, ARKANSAS MATERIALS DIVISION MICHAEL BENSON, MATERIALS ENGINEER

*** SOIL SURVEY STRENGTH TEST REPORT ***

DATE @ 01/12/2017 SEQUENCE NO. - 1

MATERIAL CODE - SSRV JOB NUMBER - 080500 SPEC. YEAR - 2014

SUPPLIER ID. - 1

COUNTY/STATE - 58

DISTRICT NO. - 08

JOB NAME - CREEK AT LM 0.15 STR. & APPRS. (S)

STATION LIMITS R-VALUE AT 240 psi ************************

> BEGIN JOB - END JOB 14

RESILIENT MODULUS

STA.106+20 6390

REMARKS -

AASHTO TESTS : T190

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT MATERIALS DIVISION

AASIITO T 307-99 - RESILIENT MODULUS OF SUBGRADE SOILS RECOMPACTED SAMPLES

4. Soil Properties: Optimum Moisture Content (%); Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	
Preconditioning - Permanent Strain > 5% (Y=Yes or N=No) Testing - Permanent Strain > 5% (Y=Yes or N=No) Number of Load Sequences Completed (0-15) 2. Specimen Information: Specimen Diameter (in): Top Middle Bottom Average Membrane Thickness (in): Height of Specimen. Cap and Base (in): Height of Cap and Base (in): Initial Length, Lo (in): Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	3.96 3.95 3.96 3.96
Testing - Permanent Strain > 5% (Y=Yes or N=No) Number of Load Sequences Completed (0-15) 2. Specimen Information: Specimen Diameter (in): Top Middle Bottom Average Membrane Thickness (in): Height of Specimen. Cap and Base (in): Height of Cap and Base (in): Initial Length, Lo (in): Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): Specimen Properties: Wet Weight (g):	3.96 3.95 3.96 3.96
Specimen Diameter (in): Top Middle Bottom Average Membrane Thickness (in): Height of Specimen, Cap and Base (in): Height of Cap and Base (in): Initial Length, Lo (in): Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	3.95 3.96 3.96
Top Middle Bottom Average Membrane Thickness (in): Height of Specimen. Cap and Base (in): Height of Cap and Base (in): Initial Length, Lo (in): Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	3.95 3.96 3.96
Middle Bottom Average Membrane Thickness (in): Height of Specimen. Cap and Base (in): Height of Cap and Base (in): Initial Length, Lo (in): Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	3.95 3.96 3.96
Bottom Average Membrane Thickness (in): Height of Specimen. Cap and Base (in): Height of Cap and Base (in): Initial Length, Lo (in): Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	3.96 3.96
Average Membrane Thickness (in): Height of Specimen, Cap and Base (in); Height of Cap and Base (in): Initial Length, Lo (in): Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%); Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	3.96
Height of Specimen. Cap and Base (in): Height of Cap and Base (in): Initial Length, Lo (in): Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	0.01
Height of Cap and Base (in):	
Initial Length, Lo (in): Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	8.04
Initial Area, Ao (sq. in): Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight: Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%); Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	0.00
Initial Volume, AoLo (cu. in): 3. Soil Specimen Weight:	8.04
Weight of Wet Soil Used (g): 4. Soil Properties: Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	12.23 98.33
4. Soil Properties: Optimum Moisture Content (%); Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	
Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	3192.80
Optimum Moisture Content (%): Maximum Dry Density (pcf): 95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	
95% of MDD (pcf): In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	13.6
In-Situ Moisture Content (%): 5. Specimen Properties: Wet Weight (g):	114.1
5. Specimen Properties: Wet Weight (g):	108.4
Wet Weight (g):	N/A
Compositor Maisture content (III)	3192.80
Compaction Moisture content (%): Compaction Wet Density (pcf):	13.1
Compaction Evel Density (pcf): Compaction Dry Density (pcf):	123.72 109.39
Moisture Content After Mr Test (%):	13.0
6. Quick Shear Test (Y=Yes, N=No, N/A=Not Applicable): #	VALUE!
7. Resilient Modulus, Mr: 7691(Sc)^-0.21312(S3)	^0.35995
8. Comments	
9. Tested By: DEB Date: January 11, 2017	

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT MATERIALS DIVISION

AASHTO T 307-99 - RESILIENT MODULUS OF SUBGRADE SOILS RECOMPACTED SAMPLES

SSRVPS 106÷20 20LT Waterial Code Station No.: Location: CREEK AT LM 0.15 STR. & APPRS. (S) January 11, 2017 01/11/17 080500 Name of Project: Date Sampled: Date Tested: Sob Ne.

POPE Name: Code: 58 THORNTON 20164129 RV516 Sampled By: Sample ID: Lab No.: County:

LATITUDE:

Material Type (1 or 2): 2 AASHTO Class: LONGITUDE: Depth:

A-4(0)

0-5

	Chamber	Nominal	Actual	Actual	Actual	Actual	Actual	Actual	Average	Resilient	Resilient
	Confining	Maximum	Applied	Applied	Applied	Applied	Applied	Applied	Recov Def.	Strain	Modulus
PARAMETER	Pressure	Axial	-	Cyclic Load	Contact	Max.	Cyclic	Contact	LVDT 1		
		Stress	Load		Load	Axial	Stress	Stress	and 2		
						Stress					
DESIGNATION	కో	Scyclic	P _{max}	Peyelic	Pcontact	Smax	Scyclic	Scontact	Ţ	ယ်	Σ
TINO	psi	psi	sql	sql	sql	psi	psi	psi	in	in/in	psi
Sequence 1	0.9	2.0	25.2	22.6	2.7	2.1	1.8	0.2	0.00116	0.00014	12,770
Sequence 2	6.0	4.0	47.5	44.9	2.7	3.9	3.7	0.2	0.00255	0.00032	11,552
Sequence 3	0.9	0.9	70.1	9.99	3.5	5.7	5.4	0.3	0.00415	0.00052	10,549
Sequence 4	0.9	8 0	93.9	88.0	5.9	7.7	7.2	0.5	0.00601	0.00075	9,616
Sequence 5	0.9	10.0	117.6	109.2	8.4	9.6	8	0.7	0.00773	96000.0	9,289
Sequence 6	4.0	2.0	25.2	22.6	2.6	2.1	1.9	0.2	0.00137	0.00017	10,854
Sequence 7	4.0	4.0	46.7	44.0	2.7	3.8	3.6	0.2	0.00309	0.00038	9,374
Sequence 8	4.0	6.0	67.9	65.2	2.7	5.6	5.3	0.2	0.00502	0.00062	8,546
Sednence 9	4.0	8.0	91.8	86.7	5.2	7.5	7.1	0.4	0.00700	0.00087	8,141
Sequence 10	4.0	10.0	115.5	108.0	7.5	9.4	80	9.0	0.00894	0.00111	7,941
Sequence 11	2.0	2.0	24.9	22.4	2.6	2.0	1.8	0.2	0.00164	0.00020	8,967
Sequence 12	2.0	4.0	45.8	43.1	2.6	3.7	3.5	0.2	0.00374	0.00047	7,570
Sequence 13	2.0	0.9	66.2	63.5	2.7	5.4	5.2	0.2	0.00607	0.00075	6,876
Sequence 14	2.0	8.0	88.2	84.0	4.2	7.2	6.9	0.3	0.00848	0.00106	6,507
Sequence 15	2.0	10.0	111.7	105.1	6.7	9.1	8.6	0.5	0.01081	0.00134	6,390

January 11, 2017

DATE DATE

DEB

REVIEWED BY

TESTED BY

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT MATERIALS DIVISION

AASHTO T 307-99 - RESILIENT MODULUS OF SUBGRADE SOILS RECOMPACTED / THINWALL TUBE SAMPLES

Job No.

080500

Material Code SSRVPS

Date Sampled:

01/11/17

Station No.: 106+20

Date Tested:

January 11, 2017

Location: 20LT

Name of Project: CREEK AT LM 0.15 STR, & APPRS, (S)

County:

Code: 58

Sampled By:

THORNTON

Depth: 0-5

Lab No .:

20164129

AASHTO Class: A-4(0)

Sample ID:

RV516

Material Type (1 or 2): 2

LATITUDE:

LONGITUDE:

$$M_R = K1 (S_C)^{K2} (S_3)^{K5}$$

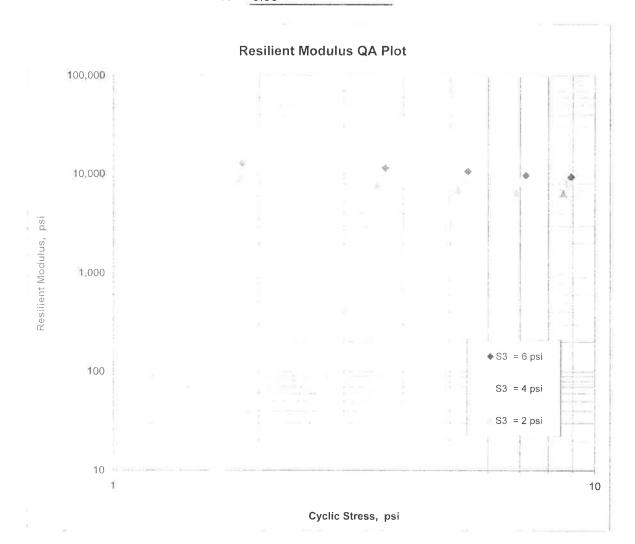
Name: POPE

K1 = 7.691

K2 = -0.21312

K5 = 0.35995

 $R^2 = 0.99$



JOB: 080500

Arkansas State Highway Transporation Department

JOB NAME: CREEK AT LM 0.15 STR. & APPRS. (S)

Materials Division

COUNTY NO. 58 DATE TESTED 12/29/2016

Michael Benson, Materials Engineer

STA.#	LOC.	DEPTH	COLOR	#4	#10	#40	#80	#200	L.L.	P.I.	SOIL CLASS	<i>LAB</i> #:	%MOISTURE
106+20	20LT	0-5	BROWN	88	80	73	69	5 S	ND	NP	A-4(0)	RV516	
105+70	05RT	0-5	BROWN	98	92	83	78	60	ND	NP	A-4(0)	S512	13.4
105+70	12RT	0-5	BROWN	94	85	76	70	54	21	5	A-4(0)	S513	16.7
106+20	05LT	0-5	BROWN	98	91	83	78	65	24	9	A-4(3)	S514	13.5
106+20	15LT	0-5	BROWN	95	87	79	74	58	24	9	A-4(2)	S515	16.5

12/29/2016

Department
Transporation
Highway
State
Arkansas

JOB: 080500JOB NAME: CREEK AT LM 0.15 STR. & APPRS. (S)

Materials Division

terials Engineer	VDINGS	AGG BASE CRS CL7	I	AGG BASE CRS CL7	6.0	AGG BASE CRS CL7	I	AGG BASE CRS CL7	6.0
Michael Benson, Materials Engineer	PAVEMENT SOUNDINGS	AGG BASE CRS CL7	1	AGG BASE CRS CL7	1	AGG BASE CRS CL7	1	AGG BASE CRS CL7	2.0
		BST	Ĭ	BST	1	BST	Į	BST	2.5W
		ACHMSC	Ī	ACHIMSC	4.0W	ACHMSC	ì	ACHMSC	1.5
58		BST	1	BST	4.0W	BST	1	BST	2.5W
YNO.	LOC.	12RT		05RT		15LT		05LT	
COUNTY NO. 58	STA.# LOC.	105+70 12RT		105+70		106+20 15LT		106+20 05LT	

Friday, January 13, 2017

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT - LITTLE ROCK, ARKANSAS MATERIALS DIVISION

MICHAEL BENSON, MATERIALS ENGINEER

*** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

DATE - 01/ JOB NUMBER - 080 FEDERAL AID NO TO PURPOSE - SOI SPEC. REMARKS - NO SUPPLIER NAME - STA NAME OF PROJECT - C PROJECT ENGINEER - N PIT/QUARRY - ARKAN LOCATION - POPE, SAMPLED BY - THORTO SAMPLE FROM - TEST	BE ASSI L SURVE SPECIFI TE CREEK AT OT APPL ISAS COUNTY ON-BATES HOLE	Y SAMPLE CATION CHECK LM 0.15 STR. ICABLE			MATERIAL SPEC. YEA SUPPLIER COUNTY/ST DISTRICT DATE SAM DATE REC DATE TES	NO 1 CODE - SSRVPS AR - 2014 ID 1 FATE - 58 NO 08 PLED - 12/21/16 EIVED - 12/21/16 TED - 12/29/16
MATERIAL DESC SOI			PAVEME	MI POONDING	ĞĘ.	
LAB NUMBER	**	20164125	₩.	20164126	(E)	20164127
SAMPLE ID	-	S512		S513		S514
TEST STATUS	2					INFORMATION ONLY
STATION		105+70		105+70	-	106+20
LOCATION		05RT	#7/	12RT	-	05LT
DEPTH IN FEET		0-5	₩7.	0 - 5	2	0-5
MAT'L COLOR MAT'L TYPE		BROWN	¥3	BROWN	22	BROWN
LATITUDE DEG-MIN-	CEC =	35 15 5	0.0	35 15	5.30 -	35 15 4.00
LONGITUDE DEG-MIN-					54.50	93 02 54.80
	DEC =	JJ 02 J4.	30	JJ 02	34.50	93 02 54.60
% PASSING 2	IN		-		~	
	IN =		#			
	IN.		= =	100	-	
	IN.	100	2 2	98	7	100
	4 =		÷	94	-	98
NO.	10 = 40 =	92	=	85	; - ;	91
	80 =		5	76 70	= 7 7:	83
	200 =			54	-	78 65
140	200	00		24		00
LIQUID LIMIT	=	ND	99	21	5.00	24
PLASTICITY INDEX	#		ä	5	3. 75	9
AASHTO SOIL	~	A-4(0)	<u>2</u>	A-4(0)		A-4(3)
UNIFIED SOIL	-		_		-	
% MOISTURE CONTENT	**	13.4		16.7		13.5
BST	(IN) -	4.0W	387		÷	2.5W
ACHMSC	(IN) -	4.0W	27.7	-0	Ħ	1.5
BST	(IN) -		=		=	2.5W
AGG BASE CRS CL7	(IN) _	6.0	그 그		=	8.0
	=				_	
	12		<u>-</u>		=	
	(*)		27		2	
	(E.		-		-	
	15		a .		=	

REMARKS = W=MULTIPLE LAYERS

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AASHTO TESTS : T24 T88 T89 T90 T265

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT - LITTLE ROCK, ARKANSAS MATERIALS DIVISION

MICHAEL BENSON, MATERIALS ENGINEER

*** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

SAMPLE FROM - TEST HOLE
SAMPLE ID
SAMPLE ID - S515
STATION - 106+20 LOCATION - 15LT DEPTH IN PEET - 0-5 MAT'L COLOR - BROWN MAT'L TYPE LATITUDE DEG-MIN-SEC - 35 15 4.30 - 1 LONGITUDE DEG-MIN-SEC - 93 02 54.70 * PASSING 2 IN
STATION - 106+20 - LOCATION - 15LT - DEPTH IN FEET - 0-5 - MAT'L COLOR - BROWN - MAT'L TYPE - LATITUDE DEG-MIN-SEC - 35 15 4.30 - LONGITUDE DEG-MIN-SEC - 93 02 54.70 - * PASSING 2 IN - 1 1/2 IN - 100 3/4 IN - 100 3/8 IN - 99 NO
DEPTH IN FEET - 0-5 MAT'L COLOR MAT'L TYPE - 35 15 4.30 - 100 - 11/2 IN 3/4 IN 100 - 3/8 IN 99 - 100 - 1
MAT'L COLOR
MAT'L TYPE LATITUDE DEG-MIN-SEC - 35 15 4.30 - 1
LATITUDE DEG-MIN-SEC - 35 15 4.30 - LONGITUDE DEG-MIN-SEC - 93 02 54.70 % PASSING 2 IN 1 1/2 IN 3/4 IN 100 3/8 IN 99 NO. 4 - 95 NO. 10 - 87 NO. 40 - 79 NO. 80 - 74 NO. 200 - 58 LIQUID LIMIT - 24 PLASTICITY INDEX - 9 AASHTO SOIL - A-4(2) UNIFIED SOIL - A-4(2) UNIFIED SOIL - 16.5
LONGITUDE DEG-MIN-SEC - 93 02 54.70 % PASSING 2 IN
% PASSING 2 IN
1 1/2 IN
1 1/2 IN
3/4 IN 100
3/8 IN 999 NO. 4 - 95 NO. 10 - 87 NO. 40 - 79 NO. 80 - 74 NO. 200 - 58 LIQUID LIMIT - 24 PLASTICITY INDEX - 9 AASHTO SOIL - A-4(2) UNIFIED SOIL - A-6(2) WOISTURE CONTENT - 16.5
NO. 4 - 95 NO. 10 - 87 NO. 40 - 79 NO. 80 - 74 NO. 200 - 58 LIQUID LIMIT - 24 PLASTICITY INDEX - 9 AASHTO SOIL - A-4(2) UNIFIED SOIL - TO THE
NO. 10 - 87 NO. 40 - 79 NO. 80 - 74 NO. 200 - 58 LIQUID LIMIT - 24 PLASTICITY INDEX - 9 AASHTO SOIL - A-4(2) UNIFIED SOIL - 5 % MOISTURE CONTENT - 16.5
NO. 40 - 79 NO. 80 - 74 NO. 200 - 58 LIQUID LIMIT - 24 PLASTICITY INDEX - 9 AASHTO SOIL - A-4(2) UNIFIED SOIL - 16.5 BST (IN)
NO. 80 - 74 NO. 200 - 58 LIQUID LIMIT - 24 PLASTICITY INDEX - 9 AASHTO SOIL - A-4(2) UNIFIED SOIL - 16.5 BST (IN)
NO. 200 - 58 LIQUID LIMIT - 24 PLASTICITY INDEX - 9
LIQUID LIMIT = 24 = = = = = = = = = = = = = = = = =
PLASTICITY INDEX - 9 - AASHTO SOIL - A-4(2) UNIFIED SOIL - 16.5 BST (IN)
AASHTO SOIL - A-4(2) UNIFIED SOIL - 16.5 BST (IN)
UNIFIED SOIL = % MOISTURE CONTENT - 16.5 BST (IN) =
% MOISTURE CONTENT - 16.5 BST (IN)
BST (IN) = ===
· ·
ACHMSC (IN) =
(111)
BST (IN)
AGG BASE CRS CL7 (IN)
K W W W
5 90 P

REMARKS - W=MULTIPLE LAYERS

8 = =

AASHTO TESTS : T24 T88 T89 T90 T265

(2)

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT - LITTLE ROCK, ARKANSAS MATERIALS DIVISION

MICHAEL BENSON, MATERIALS ENGINEER

*** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

SPEC. REMARKS - NO SPECT SUPPLIER NAME - STATE NAME OF PROJECT - CREEK PROJECT ENGINEER - NOT AI PIT/QUARRY - ARKANSAS LOCATION - POPE, COUR	SSIGNED RVEY SAMPLE IFICATION CHECK AT LM 0.15 STR. & APPRS. (S) PPLICABLE	SEQUENCE NO 1 MATERIAL CODE - RV SPEC. YEAR - 2014 SUPPLIER ID 1 COUNTY/STATE - 58 DISTRICT NO 08 DATE SAMPLED - 12/21/16
SAMPLED BY - THORTON-BA' SAMPLE FROM - TEST HOLE MATERIAL DESC SOIL SU	TES RVEY - RESISTANCE R-VALUE ACTUAL :	DATE RECEIVED - 12/21/16 DATE TESTED - 12/29/16 RESULTS
LAB NUMBER SAMPLE ID TEST STATUS	- 20164129 RV516 - INFORMATION ONLY -	- - -
STATION LOCATION DEPTH IN FEET MAT'L COLOR	- 106+20 - - 20LT - - 0-5 - - BROWN	- - -
MAT'L TYPE LATITUDE DEG-MIN-SEC LONGITUDE DEG-MIN-SEC	- - 35 15 4.40 -	- - -
% PASSING 2 IN. 1 1/2 IN. 3/4 IN. 3/8 IN. NO. 4 NO. 10 NO. 40 NO. 80 NO. 200	- 100 - 96 - 88 - 80 - 73 - 69 -	
PLASTICITY INDEX	- ND NP A-4(0)	
DEMARKS		

REMARKS -

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AASHTO TESTS : T24 T88 T89 T90 T265