ARKANSAS DEPARTMENT OF TRANSPORTATION



SUBSURFACE INVESTIGATION

STATE JOB NO.			
FEDERAL AID PROJECT NO.	NHPP-5401(84)2		
	HWY. 271	– HWY. 64 (SEL. SECS.) (F)	
STATE HIGHWAY	540	SECTION	1 & 2
IN	SEBASTIAN & CRAWFORD		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

October 6, 2016

TO:

Mr. Trinity Smith, Engineer of Roadway Design

SUBJECT:

Job No. BB0406

Hwy. 71 – Hwy. 22 (F) Route 540 Section 1 Sebastian County

Transmitted herewith is the requested Pavement Sounding information for the above referenced job. The project consists of milling and overlaying the existing asphalt for approximately 4 miles of Interstate 540. Samples were obtained at quarter-mile increments in the outside wheel path of the existing travel lanes. Locations were measured from the centerline of both the northbound and southbound travel lanes and should be noted as such on the logs.

No major distresses were discovered that would sacrifice the integrity of the pavement structure. Minor stripping was observed in the top two inches of surface course at isolated locations, but should not cause instability for the overlay. It should be noted that PCCP was encountered at every location; however, it was not cored every time to help expedite the project and reduce cost. It is recommended that two inches of existing asphalt be milled in order to restore the desired cross section before paving.

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

1. Asphalt Concrete Hot Mix

	PG 64-22	
Type	Asphalt Cement %	Mineral Aggregate %
Surface Course	5.4	94.6
Binder Course	4.5	95.5
Base Course	4.2	95.8

- 1	P	G	7	O	-22

Туре	Asphalt Cement %	Mineral Aggregate %
Surface Course	5.5	94.5
Binder Course	4.5	95.5
Base Course	4.2	95.8

Michael C. Benson Materials Engineer

MCB:rpt:mlg Attachment

CC:

State Constr. Eng. – Master File Copy

District 4 Engineer

System Information and Research Div.

G. C. File

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/06/16 JOB NUMBER - BB0406 FEDERAL AID NO TO BE ASSIGNED PURPOSE - INFORMATION ONLY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY.71 - HWY.22 (F) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - SEBASTIAN, COUNTY SAMPLED BY - THORNTON SAMPLE FROM - TEST HOLE MATERIAL DESC PAVEMENT SOUNDINGS ONLY	SEQUENCE NO 1 MATERIAL CODE - PSO SPEC. YEAR - 2014 SUPPLIER ID 1 COUNTY/STATE - 65 DISTRICT NO 04 DATE SAMPLED - 09/26/16 DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16
LAB NUMBER - 20163259	- 20163260 - 20163261
SAMPLE ID -	æ å
TEST STATUS - INFORMATION ONLY	- INFORMATION ONLY - INFORMATION ONLY
STATION - 145+00	- 145+00 - 158+00
LOCATION - 6'LT CL SB	6'RT CL NB 6'LT CL SB
DEPTH IN FEET -	
MAT'L COLOR -	· ·
MAT'L TYPE -	E 12
LATITUDE DEG-MIN-SEC - 35 18 56.90	
LONGITUDE DEG-MIN-SEC - 94 23 49.50	94 23 51.10 94 23 46.40
% PASSING 2 IN	- Re
1 1/2 IN	#* E
3/4 IN	(編)
3/8 IN -	E E
NO. 4 -	
NO. 10 -	#: W
NO. 40 -	*
NO. 80 -	五. 25
NO. 200 -	
LIQUID LIMIT -	-
PLASTICITY INDEX -	
AASHTO SOIL -	-
UNIFIED SOIL -	-
% MOISTURE CONTENT -	2
ACHMSC (IN) - 2.5	= 2.0 = 7.0W
PCCP (IN)	9.0
-	⊕
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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AASHTO TESTS : T24 T88 T89 T90 T265

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MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/06/16 JOB NUMBER - BB0406 FEDERAL AID NO TO BE ASSIGNED PURPOSE - INFORMATION ONLY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY.71 - HWY.22 (F) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - SEBASTIAN, COUNTY SAMPLED BY - THORNTON SAMPLE FROM - TEST HOLE	COUNTY/STATE - 65 DISTRICT NO 04 DATE SAMPLED - 09/26/16 DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16
MATERIAL DESC PAVEMENT SOUNDINGS ONLY	
LAB NUMBER - 20163262	20163263 - 20163264
SAMPLE ID - TEST STATUS - INFORMATION (
STATION - 158+00	7 171+00 - 171+00
LOCATION - 6'RT CL NB	6'LT CL SB 6'RT CL NB
DEPTH IN FEET -	
MAT'L COLOR -	
MAT'L TYPE -	-
LATITUDE DEG-MIN-SEC - 35 19 9.	
LONGITUDE DEG-MIN-SEC - 94 23 45.	90 94 23 44.30 94 23 44.10
% PASSING 2 IN	- :e
1 1/2 IN	- 5 <u>*</u>
3/4 IN	- 焼 - ⁽)
3/8 IN NO. 4 -	<u>-</u> ;#:
NO. 10 -	-
NO 40 -	
NO. 80 -	-
NO. 200 -	
LIQUID LIMIT -	필 2
PLASTICITY INDEX -	27 (P
AASHTO SOIL -	= 18
UNIFIED SOIL -	(表 2) (本
% MOISTURE CONTENT -	
ACHMSC (IN) - 8.0WX	- 8.0 - 9.0WX
PCCP (IN) - 9.5	9.75
- -	
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/06/16 JOB NUMBER - BB0406 FEDERAL AID NO TO BE ASSIGNED PURPOSE - INFORMATION ONLY SAMPL SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY.71 - HWY.22 (F) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - SEBASTIAN, COUNTY SAMPLED BY - THORNTON SAMPLE FROM - TEST HOLE MATERIAL DESC PAVEMENT SOUNDINGS ONI	COUNTY/STATE - 65 DISTRICT NO 04 DATE SAMPLED - 09/26/16 DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16
I A D. AUMODED	
SAMPLE ID - 20163265	- 20163266 - 20163267
	ONLY - INFORMATION ONLY - INFORMATION ONLY
STATION - 184+00	= 184+00 = 195+00
LOCATION - 6'LT CL SB	
DEPTH IN FEET -	± ±
MAT'L COLOR -	
MAT'L TYPE -	-
LATITUDE DEG-MIN-SEC - 35 19 34	
LONGITUDE DEG-MIN-SEC - 94 23 42	2.10 94 23 42.10 94 23 41.10
% PASSING 2 IN	- 99
1 1/2 IN	
3/4 IN	5 5
3/8 IN	- #
NO. 4 -	e se
NO. 10 - NO. 40 -	
NO. 80 -	
NO. 200 -	•
I TOUTD I THIE	
LIQUID LIMIT - PLASTICITY INDEX -	-
AASHTO SOIL -	
UNIFIED SOIL -	- *
% MOISTURE CONTENT -	
ACHMSC (IN) - 2.5	- 7.0WX - 7.5
PCCP (IN)	- 10.0
CHIP SEAL (IN) - 1.0	
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

MICHAEL BENSON, MATERIALS ENGINEER

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

LAB NUMBER - 20163268 - 20163269 - 20163270 SAMPLE ID	JOB NUMBER - BBC FEDERAL AID NO TO PURPOSE - INF SPEC. REMARKS - NO SUPPLIER NAME - STA NAME OF PROJECT - E PROJECT ENGINEER - N PIT/QUARRY - ARKAN LOCATION - SEBAS SAMPLED BY - THORNY SAMPLE FROM - TEST	BE ASSIGNED FORMATION ONLY SAMPLE SPECIFICATION CHECK ATE WY.71 - HWY.22 (F) FOT APPLICABLE USAS STIAN, COUNTY		SEQUENCE NO 4 MATERIAL CODE - PSO SPEC. YEAR - 2014 SUPPLIER ID 1 COUNTY/STATE - 65 DISTRICT NO 04 DATE SAMPLED - 09/26/16 DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16
SAMPLE ID			_	20163269 = 20163270
MAT'L COLOR MAT'L TYPE LATITUDE DEG-MIN-SEC - 35 19 46.20 - 35 19 57.00 - 35 19 58.30 LONGITUDE DEG-MIN-SEC - 94 23 40.20 94 23 39.10 94 23 39.10 * PASSING 2 IN 3/4 IN 3/8 IN 3/8 IN	SAMPLE ID TEST STATUS STATION LOCATION	- - INFORMATION ONLY - 195+00	-	INFORMATION ONLY - INFORMATION ONLY 208+00 - 208+00
MAT'L TYPE		-	-	
LATITUDE DEG-MIN-SEC - 35 19 46.20 - 35 19 57.00 - 35 19 58.30 LONGITUDE DEG-MIN-SEC - 94 23 40.20 94 23 39.10 94 23 39.10 **PASSING 2 IN		_	*	ē
1 1/2 IN	LATITUDE DEG-MIN-			
* MOISTURE CONTENT -	1 1/2 3/4 3/8 NO. NO. NO. NO. NO. LIQUID LIMIT PLASTICITY INDEX	IN IN 4 - 10 - 40 - 80 - 200 -	-	- - - -
ACHMSC (IN) - 5.5W - 8.0W - 3.0	UNIFIED SOIL	-	-	
	% MOISTURE CONTENT	_		
				2 1 2

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/06/16 JOB NUMBER - BB0406 FEDERAL AID NO TO BE ASSIGNED PURPOSE - INFORMATION ONLY SAMPI SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY.71 - HWY.22 (F) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - SEBASTIAN, COUNTY SAMPLED BY - THORNTON SAMPLE FROM - TEST HOLE	COUNTY/STATE - 65 DISTRICT NO 04 DATE SAMPLED - 09/26/16 DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16
MATERIAL DESC PAVEMENT SOUNDINGS ON LAB NUMBER - 20163271	207
SAMPLE ID - 20163271	20163272 - 20163273
TEST STATUS - INFORMATION	ONLY - INFORMATION ONLY - INFORMATION ONLY
STATION - 221+00	221+00 - 234+00
LOCATION - 6'LT CL SB	6'RT CL NB 6'LT CL SB
DEPTH IN FEET -	(=
MAT'L COLOR - MAT'L TYPE -	#
LATITUDE DEG-MIN-SEC - 35 20	9.90 = 35 20 9.00 = 35 20 15.90
LONGITUDE DEG-MIN-SEC - 94 23 3	
% PASSING 2 IN	
1 1/2 IN	- 96
3/4 IN	- (8
3/8 IN	=
NO. 4 -	- %
NO. 10 -	-
NO. 40 -	- 34
NO. 80 - NO. 200 -	- **
LIQUID LIMIT -	≅. ~~
PLASTICITY INDEX - AASHTO SOIL -	조 공
UNIFIED SOIL -	
% MOISTURE CONTENT -	-
ACHMSC (IN) - 12.0W	0 0117 7 011
PCCP (IN)	- 8.0WX - 7.0W - 9.5
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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MICHAEL BENSON, MATERIALS ENGINEER

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

JOB NUMBER - BE FEDERAL AID NO - TO PURPOSE - II SPEC. REMARKS - NO SUPPLIER NAME - S' NAME OF PROJECT - PROJECT ENGINEER - PIT/QUARRY - ARK	O BE ASSI NFORMATIO O SPECIFI TATE HWY.71 - NOT APPL ANSAS ASTIAN, C	N ONLY SAMPLE CATION CHECK HWY.22 (F) ICABLE		MA SP SU CO DI	TERIAL PEC. YEA PPLIER UNTY/ST STRICT ATE SAM	NO 6 CODE - PSO AR - 2014 ID 1 TATE - 65 NO 04 PLED - 09/26/16 EIVED - 10/05/16
SAMPLE FROM - TEST MATERIAL DESC P	T HOLE	OINDINGS ONLY			ATE TEST	
	AVEMENI S			00160055		
LAB NUMBER SAMPLE ID	_	20163274	- (E)	20163275	_	20163276
TEST STATUS	_	INFORMATION ONLY	-	INFORMATION (ONLY -	INFORMATION ONLY
STATION	_		(mm)	247+00		247+00
LOCATION	-	6'RT CL NB	-	6'LT CL SB	-	6'RT CL NB
DEPTH IN FEET	-		=		_	
MAT'L COLOR MAT'L TYPE	_		-		-	
	- N-SEC -	35 20 16.20	-	35 20 20.	- 60 -	35 20 19.80
LONGITUDE DEG-MI					50	94 23 5.70
% PASSING 2						
	/2 IN		_			
	/4 IN		-		100	
3,	/8 IN		-		72	
NO	. 4 -		_		35	
	. 10 -		-		1,5	
	. 40 -		-		1/2	
NO NO	. 80 - . 200 -		-		10-4	
LIQUID LIMIT PLASTICITY INDEX	_		-		7 2	
AASHTO SOIL	_		_		2	
UNIFIED SOIL	_		-		=	
% MOISTURE CONTER	NT -		-		-	
ACHMSC	(IN) -	3.5W	_	3.5	_	3 . 5W
PCCP	(IN) -	9.0	-		-	9.5
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/06/16 JOB NUMBER - BB0406 FEDERAL AID NO TO BE ASSIGNED PURPOSE - INFORMATION ONLY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY.71 - HWY.22 (F)	SEQUENCE NO 7 MATERIAL CODE - PSO SPEC. YEAR - 2014 SUPPLIER ID 1 COUNTY/STATE - 65 DISTRICT NO 04
PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - SEBASTIAN, COUNTY SAMPLED BY - THORNTON SAMPLE FROM - TEST HOLE MATERIAL DESC PAVEMENT SOUNDINGS ONLY	DATE SAMPLED - 09/26/16 DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16
LAB NUMBER - 20163277	- 20163278 - 20163279
SAMPLE ID - TEST STATUS - INFORMATION ONLY STATION - 260+00 LOCATION - 6'LT CL SB DEPTH IN FEET -	- INFORMATION ONLY - INFORMATION ONLY - 260+00 - 273+00 - 6'RT CL NB - 6'LT CL SB
MAT'L COLOR -	-
MAT'L TYPE -	表 20
LATITUDE DEG-MIN-SEC - 35 20 24.70	- 35 20 25.00 - 35 20 32.40
LONGITUDE DEG-MIN-SEC - 94 22 51.20	94 22 50.80 94 22 37.80
% PASSING 2 IN	-
1 1/2 IN	
3/4 IN	
3/8 IN	* *
NO. 4 -	# · · · · · · · · · · · · · · · · · · ·
NO. 10 -	
NO. 40 -	
NO. 80 - NO. 200 -	
LIQUID LIMIT -	·#\
PLASTICITY INDEX -	¥ -
AASHTO SOIL -	-
UNIFIED SOIL -	* -
% MOISTURE CONTENT -	表: <u>-</u>
ACHMSC (IN) - 6.5	- 8.0W - 6.5W
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-	(=)
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED	

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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MICHAEL BENSON, MATERIALS ENGINEER

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

JOB NUMBER - BBG FEDERAL AID NO TO PURPOSE - INI SPEC. REMARKS - NO SUPPLIER NAME - STA NAME OF PROJECT - IN PROJECT ENGINEER - IN PIT/QUARRY - ARKAI	BE ASSI FORMATIO SPECIFI ATE HWY.71 - NOT APPL NSAS STIAN, O TON HOLE	N ONLY SAMPLE CATION CHECK HWY.22 (F) ICABLE OUNTY		SEQUENCE NO 8 MATERIAL CODE - PSO SPEC. YEAR - 2014 SUPPLIER ID 1 COUNTY/STATE - 65 DISTRICT NO 04 DATE SAMPLED - 09/26/16 DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16
LAB NUMBER	.VEMENI 2		_	20162201
SAMPLE ID	_	20163280	_	20163281 - 20163282
TEST STATUS	_	INFORMATION ONLY	_	INFORMATION ONLY - INFORMATION ONLY
STATION	_	273+00	-	283+00 - 283+00
LOCATION	-	6'RT CL NB	-	6'LT CL SB G'RT CL NB
DEPTH IN FEET	-		_	-
MAT'L COLOR	-		-	-
MAT'L TYPE	-	25 00 21 40	-	-
LATITUDE DEG-MIN- LONGITUDE DEG-MIN-			-	35 20 38.00 - 35 20 38.60 94 22 29.10 94 22 28.50
	-SEC -	94 22 36.00		94 22 29.10 94 22 28.50
% PASSING 2			-	% =
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NO.	200 -			
LIQUID LIMIT	_		-	:-
PLASTICITY INDEX	_		=	
AASHTO SOIL	_		-	#≡
UNIFIED SOIL	-		-	38
% MOISTURE CONTENT			-	3
ACHMSC	(IN) -	8.0WX	_	7.5W - 8.5WX
PCCP	(IN) -	10.0	-	
	-		-	-
	_		-	- -
	_		_	- -
	-		-	-
	-		-	-
	-		-	- -
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/06/16 JOB NUMBER - BB0406 FEDERAL AID NO TO BE ASSIGNED PURPOSE - INFORMATION ONLY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY.71 - HWY.22 (F) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - SEBASTIAN, COUNTY SAMPLED BY - THORNTON	SEQUENCE NO 9 MATERIAL CODE - PSO SPEC. YEAR - 2014 SUPPLIER ID 1 COUNTY/STATE - 65 DISTRICT NO 04 DATE SAMPLED - 09/26/16 DATE RECEIVED - 10/05/16
SAMPLE FROM - TEST HOLE MATERIAL DESC PAVEMENT SOUNDINGS ONLY	DATE TESTED - 10/05/16
STATION - 296+00	- 20163284 - 20163285 - INFORMATION ONLY - INFORMATION ONLY - 296+00 - 309+00
LOCATION - 6'LT CL SB DEPTH IN FEET - MAT'L COLOR - MAT'L TYPE - LATITUDE DEG-MIN-SEC - 35 20 47.20	
LONGITUDE DEG-MIN-SEC - 94 22 16.80 % PASSING 2 IN	94 22 17.00 94 22 4.70
1 1/2 IN 3/4 IN 3/8 IN NO. 4 - NO. 10 - NO. 40 - NO. 80 - NO. 200 -	
LIQUID LIMIT - PLASTICITY INDEX - AASHTO SOIL - UNIFIED SOIL - % MOISTURE CONTENT -	
ACHMSC (IN) - 7.0W PCCP (IN)	- 9.0WX - 4.5W - 10.0

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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MICHAEL BENSON, MATERIALS ENGINEER

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

JOB NUMBER - FEDERAL AID NO PURPOSE - SPEC. REMARKS - SUPPLIER NAME - NAME OF PROJECT PROJECT ENGINEER PIT/QUARRY - A	INFORMATION ONLY SAMPLE NO SPECIFICATION CHECK		SEQUENCE NO 10 MATERIAL CODE - PSO SPEC. YEAR + 2014 SUPPLIER ID 1 COUNTY/STATE - 65 DISTRICT NO 04 DATE SAMPLED - 09/26/16		
SAMPLED BY - TH SAMPLE FROM - T			DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16		
	PAVEMENT SOUNDINGS ONLY		DATE 18518D - 10/03/16		
LAB NUMBER	- 20163286	-	20163287 - 20163288		
SAMPLE ID TEST STATUS		-	- INFORMATION ONLY - INFORMATION ONLY		
STATION	- 309+00		322+00 - 322+00		
LOCATION DEPTH IN FEET	- 6'RT CL NB	_	6'LT CL SB G'RT CL NB		
MAT'L COLOR	-		-		
MAT'L TYPE	-	*	- -		
LATITUDE DEG-	MIN-SEC - 35 20 55.50	2	35 21 6.60 - 35 21 5.90		
LONGITUDE DEG-	MIN-SEC - 94 22 4.80		94 21 56.70 94 21 56.20		
% PASSING 2	IN	-	12		
	1/2 IN	=	1 41		
	3/4 IN	-	*		
	3/8 IN	+	<u> </u>		
	NO. 4 -		: := ::= ::= ::= ::= ::= ::= ::= ::= ::		
	NO. 10 -	2			
	NO. 40 -	-	· · · · · · · · · · · · · · · · · · ·		
	NO. 80 - NO. 200 -	*	: ::::::::::::::::::::::::::::::::::::		
LIQUID LIMIT	_		_		
PLASTICITY IND	EX -		± 2		
AASHTO SOIL	-	=	-		
UNIFIED SOIL	-	-			
% MOISTURE CON	TENT -	**	5 B		
ACHMSC	(IN) - 12.0W		4.5X - 10.5X		
PCCP	(IN)	-	9.5		
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REMARKS - W=MUI	TIPLE LAYERS, X=STRIPPED				

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AASHTO TESTS : T24 T88 T89 T90 T265

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MICHAEL BENSON, MATERIALS ENGINEER

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

SPEC. REMARKS - NO SUPPLIER NAME - STANNAME OF PROJECT - H PROJECT ENGINEER - NO PIT/QUARRY - ARKAN	406 BE ASSIGNED ORMATION ONLY SAMPLE SPECIFICATION CHECK TE WY.71 - HWY.22 (F) OT APPLICABLE SAS	SEQUENCE NO 11 MATERIAL CODE - PSO SPEC. YEAR - 2014 SUPPLIER ID 1 COUNTY/STATE - 65 DISTRICT NO 04
LOCATION - SEBAS' SAMPLED BY - THORNT SAMPLE FROM - TEST : MATERIAL DESC PAV	HOLE	DATE SAMPLED - 09/26/16 DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16
	EMENI SOUNDINGS ONLI	
LAB NUMBER	- 20163289	- 20163290 - 20163291
SAMPLE ID	-	
TEST STATUS STATION	- INFORMATION ONLY - 391+00	- INFORMATION ONLY - INFORMATION ONLY - 391+00 - 404+00
LOCATION	- 6'LT CL SB	6'RT CL NB 6'LT CL SB
DEPTH IN FEET	- 6 11 01 55	- 6 HI CH 3B
MAT'L COLOR	_	- *
MAT'L TYPE	_ =	- ■
LATITUDE DEG-MIN-	SEC - 35 21 28.40	- 35 21 29.10 - 35 21 41.90
	SEC - 94 21 53.80	
% PASSING 2	IN	-
	IN	용 # -
	IN	
	IN	#s -
	4 -	(#) (2)
NO.	10 -	
ио .	40 -	ES -
NO.	80 -	#?:
NO.	200 -	
LIQUID LIMIT	_	
PLASTICITY INDEX	-	- *
AASHTO SOIL	-	
UNIFIED SOIL	-	. -
% MOISTURE CONTENT	-	-
ACHMSC	(IN) - 4.5W	- 6.5W - 5.0W
ACHMBC	(IN) - 8.0WX	7.0WX - 9.0W
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/06/16 JOB NUMBER - BB0406 FEDERAL AID NO TO BE ASSIGNED PURPOSE - INFORMATION ONLY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY.71 - HWY.22 (F) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - SEBASTIAN, COUNTY		SEQUENCE NO 12 MATERIAL CODE - PSO SPEC. YEAR - 2014 SUPPLIER ID 1 COUNTY/STATE - 65 DISTRICT NO 04 DATE SAMPLED - 09/26/16
SAMPLED BY - THORNTON SAMPLE FROM - TEST HOLE		DATE RECEIVED - 10/05/16 DATE TESTED - 10/05/16
MATERIAL DESC PAVEMENT SOUNDINGS ONLY		DATE TESTED - 10/03/10
LAB NUMBER - 20163292	_	-
SAMPLE ID -	-	-
TEST STATUS - INFORMATION ONLY	-	-
STATION - 404+00	_	-
LOCATION - 6'RT CL NB	_	-
DEPTH IN FEET -	-	-
MAT'L COLOR - MAT'L TYPE -	-	-
LATITUDE DEG-MIN-SEC - 35 21 41.30	-	-
LONGITUDE DEG-MIN-SEC - 94 21 53.10	-	-
% PASSING 2 IN	=	=
1 1/2 IN	=	# 100 2
3/4 IN	(-	=
3/8 IN) = /	=
NO. 4 - NO. 10 -	7 <u>~</u> 5	-
NO. 40 -	(#)	<u></u>
NO. 80 -	;= ;=	*
NO. 200 -)=>	-
LIQUID LIMIT -	-	- -
PLASTICITY INDEX - AASHTO SOIL -	- -	_
UNIFIED SOIL -	-	-
% MOISTURE CONTENT -	-	-
ACHMSC (IN) - 4.5W	12	-
ACHMBC (IN) - 6.0	=	=
5.	105	<u></u>
<u>~</u>	(3)	=
(a)	22	1997
-		-
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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