ARKANSAS DEPARTMENT OF TRANSPORTATION



SUBSURFACE INVESTIGATION

STATE JOB NO.		BB0801		
FEDERAL AID PROJE				
	HWY.	164 – HWY. 352 (S)		
STATE HIGHWAY	I-40	SECTION	21	
IN		JOHNSON		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 DEPARTMENT OF TRANSPORTATION

ARDOT.gov | IDriveArkansas.com | Scott E. Bennett, P.E., Director

MATERIALS DIVISION

11301 West Baseline Road | P.O. Box 2261 | Little Rock, AR 72203-2261 | Phone: 501.569.2185 | Fax: 501.569.2368

January 23, 2019

TO:

Mr. Trinity Smith, Engineer of Roadway Design

SUBJECT:

Job No. BB0801

Hwy. 164 – Hwy. 352 (S) Route 40 Section 21 Johnson County

Attached is the requested pavement sounding data for the above referenced job. The project consists of rehabilitation approximately 6.9 miles of Interstate 40 between Highway 164 and Highway 352. Pavement cores were taken at ½ mile increments, alternating lanes in the East and Westbound direction. Sample locations are measured from the centerline of the existing lane and should be noted as such on the logs.

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 in the vicinity of Russellville.

2. Asphalt Concrete Hot Mix

Type	Asphalt Cement %	Mineral Aggregate %
Surface Course	5.5	94.5
Binder Course	4.4	95.6
Base Course	4.0	96.0

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

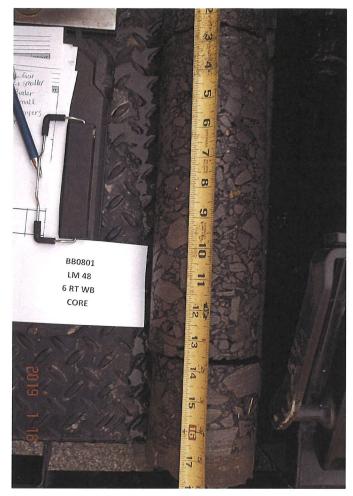


















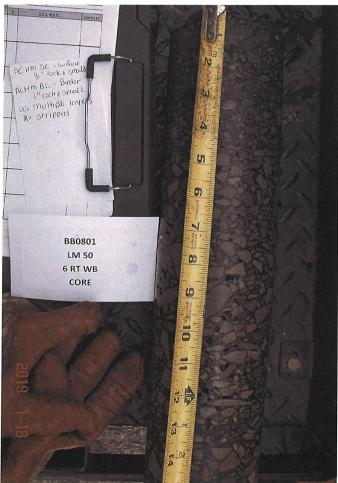








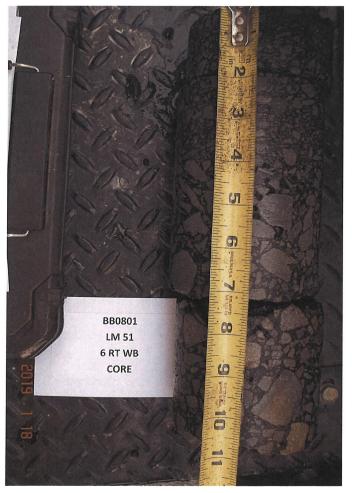














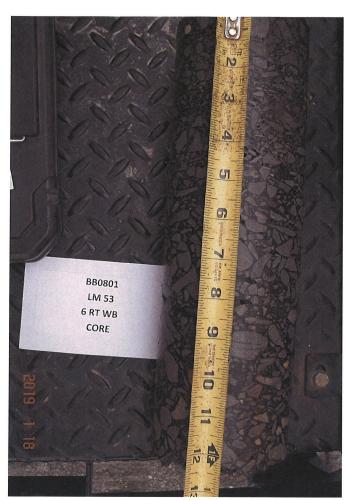














MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

DATE - 01/ JOB NUMBER - BBC FEDERAL AID NO TO PURPOSE - SOI SPEC. REMARKS - NO SUPPLIER NAME - STA NAME OF PROJECT - F PROJECT ENGINEER - N PIT/QUARRY - ARKAN LOCATION - JOHNS SAMPLED BY - DILLMAN SAMPLE FROM - TEST MATERIAL DESC PAN	BE ASSI L SURVE SPECIFI ATE HWY. 164 NOT APPI ISAS GON COUN AN, THOE	Y SAMPLE CATION CHECK - HWY. 352 (S) ICABLE TY RNTON			MATERIAL SPEC. YEA SUPPLIER COUNTY/ST DISTRICT DATE SAM DATE REC	NO 1 CODE - PSO AR - 2014 ID 1 FATE - 36 NO 08 PLED - 01/17/19 EIVED - 01/22/19 TED - 01/22/19
LAB NUMBER	_		_	20190125	-	20190126
SAMPLE ID	_		_		_	
TEST STATUS	-	INFORMATION ONLY	_	INFORMATIO	N ONLY -	INFORMATION ONLY
STATION		LM 46.57	_	LM 46.57	_	LM 47
LOCATION DEPTH IN FEET	_	6 LT EB	_	6 RT WB	_	6 LT WB
MAT'L COLOR	_		-		=	
MAT'L TYPE	_		_		_	
LATITUDE DEG-MIN-	SEC -	35 29 50.00	_	35 29 5	51.20 -	35 29 52.30
LONGITUDE DEG-MIN-	SEC -	93 39 31.40		93 39 3	31.30	93 39 3.80
% PASSING 2	IN		_		_	
1 1/2	IN		-		_	
	IN		_		_	
	IN		_		_	
NO.	4 – 10 –		-		-	
NO.			_		-	
NO.			_		_	
NO.	200 -					
LIQUID LIMIT	_		_		_	
PLASTICITY INDEX	-		_		_	
AASHTO SOIL	-	St.	-		_	
UNIFIED SOIL	-		_		_	
% MOISTURE CONTENT	-2					
ACHMSC	(IN) -	3.5W	_	3.5	-	4.OW
ACHMBC	(IN) -	13.75W	-	15.0W	_	8.0W
	_		_		_	
	_		_		-	
	_		-		_	
	_		_		_	
	_		_		-	
	-		_		-	

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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⁻ LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.

MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

DATE - 01/22/19 JOB NUMBER - BB0801 FEDERAL AID NO TO BE ASSIGNED PURPOSE - SOIL SURVEY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY. 164 - HWY. 352 (S) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - JOHNSON COUNTY SAMPLED BY - DILLMAN, THORNTON SAMPLE FROM - TEST HOLE MATERIAL DESC PAVEMENT SOUNDINGS ONLY	SEQUENCE NO 2 MATERIAL CODE - PSO SPEC. YEAR - 2014 SUPPLIER ID 1 COUNTY/STATE - 36 DISTRICT NO 08 DATE SAMPLED - 01/17/19 DATE RECEIVED - 01/22/19 DATE TESTED - 01/22/19
	- 20190128 - 20190129
SAMPLE ID -	
TEST STATUS - INFORMATION ONLY	- INFORMATION ONLY - INFORMATION ONLY
STATION - LM 47	- LM 47.5 - LM 47.5
LOCATION - 6 RT EB	- 6 LT EB - 6 LT WB
DEPTH IN FEET - MAT'L COLOR -	
MAT'L TYPE -	
LATITUDE DEG-MIN-SEC - 35 29 51.10	- 35 29 52.10 - 35 29 53.10
LONGITUDE DEG-MIN-SEC - 93 39 4.40	93 38 32.10 93 38 32.00
% 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 -	<u>-</u>
PLASTICITY INDEX -	_ H
AASHTO SOIL -	
UNIFIED SOIL -	<u>-</u>
% MOISTURE CONTENT -	
ACHMSC (IN) - 4.25	- 3.5W
ACHMBC (IN) - 7.75 ACHMBC (IN)	- 3.0 - 11.75W - 1.0x
ACHMBC (IN) ACHMBC (IN)	- 1.0X - 8.0W
(114)	_
-	
*=	
-	-
-	

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

⁻ LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.

MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

SPEC. REMARKS - NO S SUPPLIER NAME - STAT	BE ASSIGNED L SURVEY SAMPLE SPECIFICATION CHECK TE WY. 164 - HWY. 352 (S) OT APPLICABLE		MATERIAL SPEC. YES SUPPLIER COUNTY/S	NO 3 CODE - PSO AR - 2014 ID 1 TATE - 36 NO 08	
	ON COUNTY AN, THORNTON HOLE			DATE REC	IPLED - 01/17/19 EIVED - 01/22/19 TED - 01/22/19
LAB NUMBER	- 20190130	_	20190131	_	20190132
SAMPLE ID	-	_		_	
TEST STATUS		-			INFORMATION ONLY
STATION	- LM 48	_	LM 48	_	LM 48.5
LOCATION DEPTH IN FEET	- 6 RT EB	-	6 RT WB	_	6 LT EB
MAT'L COLOR	_	-		-	
MAT'L COLOR MAT'L TYPE	_	_		_	
LATITUDE DEG-MIN-S	SEC - 35 29 46.20	_	35 29 4	47.30 -	35 29 39.40
LONGITUDE DEG-MIN-S			93 38	.90	93 37 29.50
1 1/2 3/4 3/8 NO.	IN IN IN 4 - 10 - 40 - 80 -			- - - - -	
LIQUID LIMIT	_	_		_	
PLASTICITY INDEX	_	_		_	
AASHTO SOIL	-	-		_	
UNIFIED SOIL	_	_		_	
% MOISTURE CONTENT	-				
ACHMSC	(IN) - 4.OW	_	4.5W	-	4.5
ACHMBC	(IN) - 12.0W	_	13.5W	_	9.75
	_	_		_	
	-	_		-	
	-	-		-	
	=	_		_	
	_	_		_	
	-	-		-	

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

⁻ LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.

MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

DATE - 01/22/19 JOB NUMBER - BB0801 FEDERAL AID NO TO BE ASSIGNED PURPOSE - SOIL SURVEY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY. 164 - HWY. 352 (S) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - JOHNSON COUNTY SAMPLED BY - DILLMAN, THORNTON SAMPLE FROM - TEST HOLE					MATERIAL SPEC. YE SUPPLIER COUNTY/S DISTRICT DATE SAM DATE REC	NO 4 CODE - PSO AR - 201 ID 1 TATE - 36 NO 08 IPLED - 01/ EVED - 01/	4 17/19 22/19
MATERIAL DESC	- PAVEMENT :	SOUNDINGS ONLY					
LAB NUMBER	_	20190133	_	20190134	_	20190135	
SAMPLE ID	-		-		-		
TEST STATUS STATION	_	INFORMATION ONLY LM 48.5	_		100	INFORMATIO	N ONLY
LOCATION	_	6 LT WB	_	LM 49 6 RT EB	_	6 RT WB	
DEPTH IN FEET	_	O HI WE	-	O IXI EB	_	O IKI WE	
MAT'L COLOR	-		_		_		
MAT'L TYPE	-	*	_		-		
LATITUDE DEG- LONGITUDE DEG-		35 29 40.60 93 37 30.20	-		35.20 – 58.70	35 29 3 93 36 5	
	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 IND	DEX -		-		_		
AASHTO SOIL	-		-		_		
UNIFIED SOIL	_		_		_		
% MOISTURE CON	ITENT -						
ACHMSC	(IN) -	4.0W	-	5.0W	-	5.5W	
ACHMBC	(IN) -	6.5W	_	2.5	_	12.0W	
ACHMBC ACHMBC	(IN) -		_	1.0X 3.0W	_		
1101111110	(114) -		-	J. 0W	-		
	_		_		_		
	-		_		_		
	-		-		-		
	_		-		-		

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

AASHTO TESTS : T24 T88 T89 T90 T265

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⁻ LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.

MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

DATE - 01/ JOB NUMBER - BBO FEDERAL AID NO TO PURPOSE - SOI SPEC. REMARKS - NO SUPPLIER NAME - STA NAME OF PROJECT - F PROJECT ENGINEER - N PIT/QUARRY - ARKAN LOCATION - JOHNS SAMPLED BY - DILLMAR CAMPLE EROM	CY SAMPLE CATION CHECK - HWY. 352 (S) LICABLE			MATERIAL SPEC. YE. SUPPLIER COUNTY/S DISTRICT DATE SAM DATE REC	NO 5 CODE - PSO AR - 2014 ID 1 TATE - 36 NO 08	
SAMPLE FROM - TEST MATERIAL DESC PAV		SOUNDINGS ONLY			DATE TES	TED - 01/22/19
LAB NUMBER			-	20190137	-	20190138
SAMPLE ID TEST STATUS STATION LOCATION DEPTH IN FEET	- - - -					INFORMATION ONLY LM 50 6 RT EB
MAT'L COLOR MAT'L TYPE LATITUDE DEG-MIN- LONGITUDE DEG-MIN-		35 29 31.20 93 36 27 20	-		- 32.50 - 29.00	35 29 26.20 93 35 56.00
% PASSING 2 1 1/2 3/4 3/8 NO.	IN IN IN IN 4 - 10 - 40 - 80 -	33 30 27.20		,	- - - - - - -	99 33 30.00
LIQUID LIMIT PLASTICITY INDEX AASHTO SOIL UNIFIED SOIL % MOISTURE CONTENT	- - - -		- - - -		- - -	
ACHMSC ACHMSC ACHMBC	(IN) - (IN) - (IN) - - - - -	1.25X 2.0W 10.5W		4.5W 7.0W	- - - - - -	4.0W 7.0W

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

⁻ LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.

MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

DATE - 01/22/19 JOB NUMBER - BB0801 FEDERAL AID NO TO BE ASSIGNED PURPOSE - SOIL SURVEY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY. 164 - HWY. 352 (S) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - JOHNSON COUNTY SAMPLED BY - DILLMAN, THORNTON SAMPLE FROM - TEST HOLE					MATERIAL SPEC. YEA SUPPLIER COUNTY/ST DISTRICT DATE SAM DATE REC	NO 6 CODE - PSO AR - 2014 ID 1 FATE - 36 NO 08 PLED - 01/17/19 EIVED - 01/22/19 TED - 01/22/19
MATERIAL DESC PAV	/EMENT	SOUNDINGS ONLY				
LAB NUMBER	-	20190139	_	20190140	-	20190141
SAMPLE ID	_		-		_	
TEST STATUS	-	INFORMATION ONI	_Y -	INFORMATIC	ON ONLY -	INFORMATION ONLY
STATION	-	LM 50	_	LM 50.5	_	LM 50.5
LOCATION	-	6 RT WB	_	6 LT EB	_	6 LT WB
DEPTH IN FEET	_		_		_	
MAT'L COLOR	-		_		_	
MAT'L TYPE	_		-		-	
LATITUDE DEG-MIN-		35 29 27.60		35 29		35 29 14.60
LONGITUDE DEG-MIN-	SEC -	93 35 56.80		93 35	28.30	93 35 28.50
3/4 3/8	IN IN IN 4 - 10 - 40 - 80 -		-		-	
LIQUID LIMIT						
PLASTICITY INDEX					_	
AASHTO SOIL	_		_		_	
UNIFIED SOIL	_		_		_	
% MOISTURE CONTENT	_		-		-	
ACHMSC	(IN) -	4.5	-	3.5	-	4.OW
ACHMBC	(IN) -	11.5	_	2.75X	_	6.0W
ACHMBC	(IN) -		_	.75X	_	
ACHMBC	(IN) -		_	7.OW	_	
	_		_		-	
	_		_		-	
	_		_		_	
	_		_		_	
					_	

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

- LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.

MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

JOB NUMBER - BB FEDERAL AID NO TO PURPOSE - SO SPEC. REMARKS - NO SUPPLIER NAME - ST. NAME OF PROJECT - PROJECT ENGINEER - PIT/QUARRY - ARKA	BE ASSI IL SURVE SPECIFI ATE HWY. 164 NOT APPI NSAS		MATERIAL SPEC. YE SUPPLIER COUNTY/S	NO 7 CODE - PSO AR - 2014 ID 1 TATE - 36 NO 08		
SAMPLED BY - DILLM SAMPLE FROM - TEST	HOLE	RNTON				MPLED - 01/17/19 MEIVED - 01/22/19 METED - 01/22/19
MATERIAL DESC PA	VEMENT S	SOUNDINGS ONLY				
LAB NUMBER SAMPLE ID	-	20190142	_	20190143	-	20190144
TEST STATUS STATION	-	LM 51	_	LM 51		INFORMATION ONLY LM 51.5
LOCATION DEPTH IN FEET	-	6 RT EB	-	6 RT WB	-	6 LT EB
MAT'L COLOR MAT'L TYPE	-		_		_	
LATITUDE DEG-MIN- LONGITUDE DEG-MIN-		35 29 1.50 93 34 58.60	-	35 29 93 35	3.0010	35 28 56.70 93 34 28.40
3/4 3/8 NO.	2 IN 4 IN 8 IN 4 - 10 - 40 - 80 -				, -	
LIQUID LIMIT	-		_		-	
PLASTICITY INDEX	-		_		-	
AASHTO SOIL	_		_		_	
UNIFIED SOIL	_		_		_	
% MOISTURE CONTENT						
ACHMSC	(IN) -	5.25W	_	4.0W	_	3.25W
ACHMBC ACHMBC	(IN) -	9.0W	_	7.0W	_	4.0W 1.75X
ACHMBC	(IN) -		-		-	3.5W
-	\		_		_	
	_		_		_	
	_		_		=	
	-		-		_	
	_		-		_	

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

⁻ LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.

MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

DATE - 01/22/19 JOB NUMBER - BB0801 FEDERAL AID NO TO BE ASSIGNED PURPOSE - SOIL SURVEY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY. 164 - HWY. 352 (S) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - JOHNSON COUNTY SAMPLED BY - DILLMAN, THORNTON SAMPLE FROM - TEST HOLE MATERIAL DESC PAVEMENT SOUNDINGS ONLY						MATERIA SPEC. SUPPLIN COUNTY DISTRIC	AL YE YE CT AM ECI	CODE - AR - ID FATE - NO	201 1 36 08	/17/19
LAB NUMBER	_			_	20190146		_	2019014	17	
SAMPLE ID	_	20190145		_	20190140		_	2019014	± /	
TEST STATUS	_	INFORMATI	ON ONLY	_	INFORMATIO	ON ONLY	_	INFORMA	TT	ON ONLY
STATION	_	LM 51.5		-	LM 52		-	LM 52		
LOCATION	_	6 LT WB		_	6 RT EB		_	6 RT WE	3	
DEPTH IN FEET	_			_			_			
MAT'L COLOR MAT'L TYPE	_						-			
LATITUDE DEG-M	IN-SEC -	35 28	58.00	_	35 28	52.20	_	35 2	8	53.40
LONGITUDE DEG-M						56.80				57.40
S NO NO NO NO	IN 1/2 IN 3/4 IN 3/8 IN 0. 4 - 0. 10 - 0. 40 - 0. 80 - 0. 200 -									
LIQUID LIMIT	_			_			-			
PLASTICITY INDEX	_			-			-			
AASHTO SOIL	-			_			_			
UNIFIED SOIL	-			_			_			
% MOISTURE CONTE										
ACHMSC ACHMBC	(IN) -	3.5W 6.75W		-	2.0X		_	2.0X		
ACHMSC	(IN) -	0.75W		_	1.5		_	1.75		
ACHMSC	(IN) -			_	7.0		-	8.5W		
				_			_			
	_			_			_			
	-			-			-			
	_			_			_			

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

⁻ LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.

MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

JOB NUMBER - BBC FEDERAL AID NO TO PURPOSE - SOI SPEC. REMARKS - NO SUPPLIER NAME - STA NAME OF PROJECT - B PROJECT ENGINEER - N PIT/QUARRY - ARKAN LOCATION - JOHNS SAMPLED BY - DILLMAR SAMPLE FROM - TEST	BE ASSIGNED IL SURVEY SAMPLE SPECIFICATION CHECK ATE HWY. 164 - HWY. 352 (S) NOT APPLICABLE NSAS SON COUNTY AN, THORNTON	M S S C D	EQUENCE NO 9 ATERIAL CODE - PSO PEC. YEAR - 2014 UPPLIER ID 1 OUNTY/STATE - 36 ISTRICT NO 08 DATE SAMPLED - 01/17/19 VATE RECEIVED - 01/22/19 VATE TESTED - 01/22/19
	- INFORMATION ONLY - LM 52.5 - 6 LT EB	- LM 52.5 - 6 LT WB - - - - 35 28 48	ONLY - INFORMATION ONLY - LM 53 - 6 RT EB
1 1/2 3/4 3/8	IN 2 IN 3 IN 4 - 10 - 40 - 80 -	93 33 26	.00 93 32 53.20 - - - - - - - -
AASHTO SOIL UNIFIED SOIL % MOISTURE CONTENT ACHMSC ACHMBC ACHMBC ACHMBC	(IN) - 4.25W (IN) - 10.0W (IN) (IN)	- 6.5 - 1.5 - 0.75X - 2.5	- 4.5W - 8.0W

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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AASHTO TESTS : T24 T88 T89 T90 T265

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⁻ LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.

MICHAEL BENSON, MATERIALS ENGINEER *** SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT ***

DATE - 01/22/19 JOB NUMBER - BB0801 FEDERAL AID NO TO BE ASSIGNED PURPOSE - SOIL SURVEY SAMPLE SPEC. REMARKS - NO SPECIFICATION CHECK SUPPLIER NAME - STATE NAME OF PROJECT - HWY. 164 - HWY. 352 (S) PROJECT ENGINEER - NOT APPLICABLE PIT/QUARRY - ARKANSAS LOCATION - JOHNSON COUNTY				MATE SPEC SUPP COUN DIST	RIAL . YEA LIER TY/ST RICT	NO 10 CODE - PSO AR - 2014 ID 1 FATE - 36 NO 08
SAMPLED BY - DILLMA SAMPLE FROM - TEST MATERIAL DESC PAY	HOLE		ď			EIVED - 01/22/19 TED - 01/22/19
LAB NUMBER SAMPLE ID	-	20190151	_	20190152	_	20190153
TEST STATUS STATION LOCATION DEPTH IN FEET MAT'L COLOR MAT'L TYPE LATITUDE DEG-MIN-	- - - - - SEC -	LM 53 6 RT WB 35 28 40.	- - - - - - .90 -	LM 53.2 6 LT WB	-	INFORMATION ONLY LM 53.5 6 LT EB 35 28 26.50
1 1/2 3/4 3/8	IN IN IN IN 4 - 10 - 40 - 80 -	93 32 55.	.80	93 32 20.60		93 32 27.50
LIQUID LIMIT PLASTICITY INDEX AASHTO SOIL UNIFIED SOIL % MOISTURE CONTENT	- - - -		-		1 1 1	
ACHMSC ACHMBC ACHMBC PCCP	(IN) - (IN) - (IN) - (IN) - - - -	6.0W 6.5W 		1.25X 3.0X 3.0	-	 13.5

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⁻ LOCATIONS MEASURED FROM CENTER LINE OF EXISTING LANE.