

ARKANSAS DEPARTMENT OF TRANSPORTATION



SUBSURFACE INVESTIGATION

STATE JOB NO. 080662

FEDERAL AID PROJECT NO. NHPP-40-3(137)11

HWY. 65 - WEST (S)

STATE HIGHWAY I-40 SECTION 31 & 32

IN CONWAY & FAULKNER 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 20, 2015

TO: Mr. Michael Kelly, Division Head – System Information and Research

SUBJECT: Pavement Soundings
BB0808
Hwy. 65 - West (F)
Route 40 Sections 31 & 32
Conway and Faulkner Counties

Attached is the pavement sounding information conducted for the above mention job requested by your office. Samples were taken at ¼ mile increments in the Outside Wheel Path of the existing travel lanes between log miles 119.0 to 125.1. Stations are noted as log miles and indicate East and West bound travel lanes.


Michael C. Benson
Materials Engineer

MCB:bj

G.C. File

JOB: BB0808

Arkansas State Highway Transportation Department
Materials Division

DATE TESTED
10/14/2015

JOB NAME: HIGHWAY 65-WEST (F)

COUNTY NO. 76

Michael Benson, Materials Engineer

STA.# **LOC.**

PAVEMENT SOUNDINGS

119.00 E	ROWP	ACHMSC	ACHMBC
		4.0W	8.5W
119.00 W	LOWP	ACHMSC	ACHMBC
		3.75W	8.0W
119.25 E	LIWP	ACHMSC	ACHMBC
		4.0W	10.5W
119.25 W	RIWP	ACHMSC	ACHMBC
		4.0W	10.0W
119.50 E	ROWP	ACHMSC	ACHMBC
		3.75W	9.0W
119.50 W	LOWP	ACHMSC	ACHMBC
		4.0W	9.0W
119.75 E	LIWP	ACHMSC	ACHMBC
		4.0W	11.0W
119.75 W	RIWP	ACHMSC	ACHMBC
		3.5W	12.0W
120.0 EB	ROWP	ACHMSC	ACHMBC
		4.0W	8.0W
120.00 W	LOWP	ACHMSC	ACHMBC
		7.5W	6.0W
120.50 W	LOWP	ACHMSC	ACHMBC
		3.75W	6.75W
120.50 E	ROWP	ACHMSC	ACHMBC
		4.0W	10.5W
120.75 E	LIWP	ACHMSC	ACHMBC
		4.0W	8.5W
120.75 W	RIWP	ACHMSC	ACHMBC
		4.5W	11.5W
121.0 EB	ROWP	ACHMSC	ACHMBC
		4.75W	10.75W
121.00 W	LOWP	ACHMSC	ACHMBC
		4.0W	8.0W
121.25 E	LIWP	ACHMSC	ACHMBC
		4.25W	9.5W

comments: W=MULTIPLE LAYERS

STA.# LOC. PAVEMENT SOUNDINGS

121.25 W	RIWP	ACHMSC 3.25W	ACHMBC 10.25W
121.50 E	ROWP	ACHMSC 4.5W	ACHMBC 10.0W
121.50 W	LOWP	ACHMSC 4.25W	ACHMBC 2.5W
121.75 E	LIWP	ACHMSC 4.5W	ACHMBC 9.25W
121.75 W	RIWP	ACHMSC 3.5W	ACHMBC 10.5W
122.00 E	ROWP	ACHMSC 5.0W	ACHMBC 9.25W
122.00 W	LOWP	ACHMSC 4.0W	ACHMBC 7.5W
122.25 E	LIWP	ACHMSC 4.5W	ACHMBC 10.25W
122.25 W	RIWP	ACHMSC 3.5W	ACHMBC 10.5W
122.50 E	ROWP	ACHMSC 4.75W	ACHMBC 9.5W
122.50 W	LOWP	ACHMSC 6.5W	ACHMBC 5.0W
122.75 E	LIWP	ACHMSC 3.75W	ACHMBC 11.5W
122.75 W	RIWP	ACHMSC 4.0W	ACHMBC 9.5W
123.00 E	ROWP	ACHMSC 4.25W	ACHMBC 9.0W
123.00 W	LOWP	ACHMSC 7.0W	ACHMBC 6.0W
123.25 E	LIWP	ACHMSC 3.75W	ACHMBC 10.0W
123.25 W	RIWP	ACHMSC 4.25W	ACHMBC 10.0W
123.50 E	ROWP	ACHMSC 4.0W	ACHMBC 10.0W
123.75 E	LIWP	ACHMSC 3.75W	ACHMBC 10.0W

comments: W=MULTIPLE LAYERS

PAVEMENT SOUNDINGS

STA.# LOC.

123.75 W	RWP	ACHMSC 3.5W	ACHMBC 10.5W
124.25 E	LIWP	ACHMSC 3.75W	ACHMBC 12.0W
124.25 W	RWP	ACHMSC 6.0W	ACHMBC 13.0W
124.50 E	ROWP	ACHMSC 4.5W	ACHMBC 14.0W
124.50 W	LOWP	ACHMSC 4.5W	ACHMBC 14.5W
124.75 E	LIWP	ACHMSC 3.5W	ACHMBC 10.5W
124.75 W	RWP	ACHMSC 7.0W	ACHMBC 5.5W
125.00 E	ROWP	ACHMSC 4.25W	ACHMBC 13.0W

comments: W=MULTIPLE LAYERS

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/13/15 SEQUENCE NO. - 1
JOB NUMBER - BB0808 MATERIAL CODE - PSO
FEDERAL AID NO. - TO BE ASSIGNED SPEC. YEAR - 2014
PURPOSE - SOIL SURVEY SAMPLE SUPPLIER ID. - 1
SPEC. REMARKS - NO SPECIFICATION CHECK COUNTY/STATE - 76
SUPPLIER NAME - COUNTIES DISTRICT NO. - XX
NAME OF PROJECT - HIGHWAY 65-WEST (F)
PROJECT ENGINEER - NOT APPLICABLE
PIT/QUARRY - ARKANSAS
LOCATION - MULTIPLE COUNTIES DATE SAMPLED -
SAMPLED BY - T.FRAZIER DATE RECEIVED - 10/12/15
SAMPLE FROM - TEST HOLE DATE TESTED - 10/14/15
MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	20153210	20153211	20153212
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 119.00 EB	- 119.00 WB	- 119.25 EB
LOCATION	- ROWP	- LOWP	- LIWP
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 8 33.70	- 35 08 34.60	- 35 8 27.00
LONGITUDE DEG-MIN-SEC	- 92 31 52.60	- 92 31 51.80	- 92 31 39.10
% 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	-	-	-
ACHMSC (IN)	- 4.0W	- 3.75W	- 4.0W
ACHMBC (IN)	- 8.5W	- 8.0W	- 10.5W
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

REMARKS - W=MULTIPLE LAYERS

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 ***

DATE	- 10/13/15	SEQUENCE NO.	- 2
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20153213	- 20153214	- 20153215
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 119.25 WB	- 119.50 EB	- 119.50 WB
LOCATION	- RIWP	- ROWP	- LOWP
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 8 27.40	- 35 08 19.70	- 35 8 20.50
LONGITUDE DEG-MIN-SEC	- 92 31 38.40	- 92 31 26.00	- 92 31 24.90
% 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	-	-	-
ACHMSC (IN)	- 4.0W	- 3.75W	- 4.0W
ACHMBC (IN)	- 10.0W	- 9.0W	- 9.0W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

REMARKS - W=MULTIPLE LAYERS

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/13/15	SEQUENCE NO. - 4
JOB NUMBER - BB0808	MATERIAL CODE - PSO
FEDERAL AID NO. - TO BE ASSIGNED	SPEC. YEAR - 2014
PURPOSE - SOIL SURVEY SAMPLE	SUPPLIER ID. - 1
SPEC. REMARKS - NO SPECIFICATION CHECK	COUNTY/STATE - 76
SUPPLIER NAME - COUNTIES	DISTRICT NO. - XX
NAME OF PROJECT - HIGHWAY 65-WEST (F)	
PROJECT ENGINEER - NOT APPLICABLE	
PIT/QUARRY - ARKANSAS	DATE SAMPLED - 10/06/15
LOCATION - MULTIPLE COUNTIES	DATE RECEIVED - 10/12/15
SAMPLED BY - T.FRAZIER	DATE TESTED - 10/12/15
SAMPLE FROM - TEST HOLE	
MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY	

LAB NUMBER	- 20153219	- 20153220	- 20153221
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 120.00 WB	- 120.50 WB	- 120.50 EB
LOCATION	- LOWP	- LOWP	- ROWP
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 8 1.20	- 35 07 41.70	- 35 7 39.90
LONGITUDE DEG-MIN-SEC	- 92 31 3.10	- 92 30 44.70	- 92 30 44.70
% 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	-	-	-
ACHMSC (IN)	- 7.5W	- 3.75W	- 4.0W
ACHMBC (IN)	- 6.0W	- 6.75W	- 10.5W
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

REMARKS - W=MULTIPLE LAYERS

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 ***

DATE	- 10/13/15	SEQUENCE NO.	- 5
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	-	20153222	-	20153223	-	20153224
SAMPLE ID	-	-	-	-	-	-
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY
STATION	-	120.75 EB	-	120.75 WB	-	121.0 EB
LOCATION	-	LIWP	-	RIWP	-	ROWP
DEPTH IN FEET	-	-	-	-	-	-
MAT'L COLOR	-	-	-	-	-	-
MAT'L TYPE	-	-	-	-	-	-
LATITUDE DEG-MIN-SEC	-	35 7 30.80	-	35 07 32.10	-	35 7 24.60
LONGITUDE DEG-MIN-SEC	-	92 30 33.30	-	92 30 33.80	-	92 30 20.50
% 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	-	-	-	-	-	-
ACHMSC	(IN)	4.0W	-	4.5W	-	4.75W
ACHMBC	(IN)	8.5W	-	11.5W	-	10.75W
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

REMARKS - W=MULTIPLE LAYERS

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE	- 10/13/15	SEQUENCE NO.	- 6
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	-	20153225	-	20153226	-	20153227
SAMPLE ID	-		-		-	
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY
STATION	-	121.00 WB	-	121.25 EB	-	121.25 WB
LOCATION	-	LOWP	-	LIWP	-	RIWP
DEPTH IN FEET	-		-		-	
MAT'L COLOR	-		-		-	
MAT'L TYPE	-		-		-	
LATITUDE DEG-MIN-SEC	-	35 7 25.90	-	35 07 21.60	-	35 7 22.30
LONGITUDE DEG-MIN-SEC	-	92 30 19.80	-	92 30 5.20	-	92 30 3.10
% 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	-		-		-	
ACHMSC	(IN)	4.0W	-	4.25W	-	3.25W
ACHMBC	(IN)	8.0W	-	9.5W	-	10.25W
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	

REMARKS - W=MULTIPLE LAYERS

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE	- 10/13/15	SEQUENCE NO.	- 7
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20153228	- 20153229	- 20153230
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 121.50 EB	- 121.50 WB	- 121.75 EB
LOCATION	- ROWP	- LOWP	- LIWP
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 7 18.90	- 35 07 20.10	- 35 7 16.80
LONGITUDE DEG-MIN-SEC	- 92 29 49.50	- 92 29 47.40	- 92 29 34.00

% 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	-
PLASTICITY INDEX	-
AASHTO SOIL	-
UNIFIED SOIL	-
% MOISTURE CONTENT	-

ACHMSC	(IN)	- 4.5W	- 4.25W	- 4.5W
ACHMBC	(IN)	- 10.0W	- 2.5W	- 9.25W
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-
		-	-	-

REMARKS - W=MULTIPLE LAYERS

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE	- 10/13/15	SEQUENCE NO.	- 8
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20153231	- 20153232	- 20153233
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 121.75 WB	- 122.00 EB	- 122.00 WB
LOCATION	- RIWP	- ROWP	- LOWP
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 7 17.40	- 35 07 14.30	- 35 7 15.70
LONGITUDE DEG-MIN-SEC	- 92 29 31.70	- 92 29 15.80	- 92 29 15.70
% 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	-	-	-
ACHMSC (IN)	- 3.5W	- 5.0W	- 4.0W
ACHMBC (IN)	- 10.5W	- 9.25W	- 7.5W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

REMARKS - W=MULTIPLE LAYERS

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 ***

DATE	- 10/13/15	SEQUENCE NO.	- 9
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20153234	- 20153235	- 20153236
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 122.25 EB	- 122.25 WB	- 122.50 EB
LOCATION	- LIWP	- RIWP	- ROWP
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 7 13.30	- 35 07 14.10	- 35 7 12.10
LONGITUDE DEG-MIN-SEC	- 92 29 .10	- 92 28 58.10	- 92 28 44.50
% 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	-	-	-
ACHMSC (IN)	- 4.5W	- 3.5W	- 4.75W
ACHMBC (IN)	- 10.25W	- 10.5W	- 9.5W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

REMARKS - W=MULTIPLE LAYERS
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AASHTO TESTS : T24 T88 T89 T90 T265
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ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT - LITTLE ROCK, ARKANSAS
MATERIALS DIVISION

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE	- 10/13/15	SEQUENCE NO.	- 10
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20153237	- 20153238	- 20153239
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 122.50 WB	- 122.75 EB	- 122.75 WB
LOCATION	- LOWP	- LIWP	- RIWP
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 7 13.40	- 35 07 11.30	- 35 7 12.10
LONGITUDE DEG-MIN-SEC	- 92 28 42.20	- 92 28 28.70	- 92 28 26.70

% 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	-

ACHMSC	(IN)	- 6.5W	- 3.75W	- 4.0W
ACHMBC	(IN)	- 5.0W	- 11.5W	- 9.5W

REMARKS - W=MULTIPLE LAYERS

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 ***

DATE	- 10/14/15	SEQUENCE NO.	- 11
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES		
SAMPLED BY	- T.FRAZIER		
SAMPLE FROM	- TEST HOLE		
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	-	20153240	-	20153241	-	20153242	
SAMPLE ID	-		-		-		
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY	
STATION	-	123.00 EB	-	123.00 WB	-	123.25 EB	
LOCATION	-	ROWP	-	LOWP	-	LIWP	
DEPTH IN FEET	-		-		-		
MAT'L COLOR	-		-		-		
MAT'L TYPE	-		-		-		
LATITUDE DEG-MIN-SEC	-	35 7 9.90	-	35 07 11.40	-	35 7 9.10	
LONGITUDE DEG-MIN-SEC	-	92 28 11.60	-	92 28 10.70	-	92 27 55.90	
% 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	-		-		-		
ACHMSC	(IN)	-	4.25W	-	7.0W	-	3.75W
ACHMBC	(IN)	-	9.0W	-	6.0W	-	10.0W
		-		-		-	
		-		-		-	
		-		-		-	
		-		-		-	
		-		-		-	
		-		-		-	
		-		-		-	

REMARKS - W=MULTIPLE LAYERS

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 ***

DATE	- 10/13/15	SEQUENCE NO.	- 12
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20153243	- 20153244	- 20153245
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 123.25 WB	- 123.50 EB	- 123.75 EB
LOCATION	- RIWP	- ROWP	- LIWP
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 7 10.30	- 35 07 7.90	- 35 7 7.20
LONGITUDE DEG-MIN-SEC	- 92 27 56.70	- 92 27 40.10	- 92 27 24.20

% 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	-

ACHMSC	(IN)	- 4.25W	- 4.0W	- 3.75W
ACHMBC	(IN)	- 10.0W	- 10.0W	- 10.0W

REMARKS - W=MULTIPLE LAYERS

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 ***

DATE	- 10/13/15	SEQUENCE NO.	- 13
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20153246	- 20153247	- 20153248
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 123.75 WB	- 124.25 EB	- 124.25 WB
LOCATION	- RIWP	- LIWP	- RIWP
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 7 8.20	- 35 06 58.00	- 35 7 .40
LONGITUDE DEG-MIN-SEC	- 92 27 24.50	- 92 26 55.50	- 92 26 57.20
% 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	-	-	-
ACHMSC (IN)	- 3.5W	- 3.75W	- 6.0W
ACHMBC (IN)	- 10.5W	- 12.0W	- 13.0W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

REMARKS - W=MULTIPLE LAYERS

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AASHTO TESTS : T24 T88 T89 T90 T265

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 10/13/15 SEQUENCE NO. - 14
JOB NUMBER - BB0808 MATERIAL CODE - PSO
FEDERAL AID NO. - TO BE ASSIGNED SPEC. YEAR - 2014
PURPOSE - SOIL SURVEY SAMPLE SUPPLIER ID. - 1
SPEC. REMARKS - NO SPECIFICATION CHECK COUNTY/STATE - 76
SUPPLIER NAME - COUNTIES DISTRICT NO. - XX
NAME OF PROJECT - HIGHWAY 65-WEST (F)
PROJECT ENGINEER - NOT APPLICABLE
PIT/QUARRY - ARKANSAS
LOCATION - MULTIPLE COUNTIES DATE SAMPLED - 10/06/15
SAMPLED BY - T.FRAZIER DATE RECEIVED - 10/12/15
SAMPLE FROM - TEST HOLE DATE TESTED - 10/12/15
MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	-	20153249	-	20153250	-	20153251
SAMPLE ID	-	-	-	-	-	-
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY
STATION	-	124.50 EB	-	124.50 WB	-	124.75 EB
LOCATION	-	ROWP	-	LOWP	-	LIWP
DEPTH IN FEET	-	-	-	-	-	-
MAT'L COLOR	-	-	-	-	-	-
MAT'L TYPE	-	-	-	-	-	-
LATITUDE DEG-MIN-SEC	-	35 6 49.60	-	35 06 51.60	-	35 6 46.90
LONGITUDE DEG-MIN-SEC	-	92 26 44.10	-	92 26 45.40	-	92 26 28.10
% 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	-	-	-	-	-	-
ACHMSC	(IN)	4.5W	-	4.5W	-	3.5W
ACHMBC	(IN)	14.0W	-	14.5W	-	10.5W
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

REMARKS - W=MULTIPLE LAYERS

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 ***

DATE	- 10/13/15	SEQUENCE NO.	- 15
JOB NUMBER	- BB0808	MATERIAL CODE	- PSO
FEDERAL AID NO.	- TO BE ASSIGNED	SPEC. YEAR	- 2014
PURPOSE	- SOIL SURVEY SAMPLE	SUPPLIER ID.	- 1
SPEC. REMARKS	- NO SPECIFICATION CHECK	COUNTY/STATE	- 76
SUPPLIER NAME	- COUNTIES	DISTRICT NO.	- XX
NAME OF PROJECT	- HIGHWAY 65-WEST (F)		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- MULTIPLE COUNTIES	DATE SAMPLED	- 10/06/15
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 10/12/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	- 10/12/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20153252	- 20153253	-
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	-
STATION	- 124.75 WB	- 125.00 EB	-
LOCATION	- RIWP	- ROWP	-
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 6 47.80	- 35 06 45.00	-
LONGITUDE DEG-MIN-SEC	- 92 26 30.40	- 92 26 14.80	-
% 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	-	-	-
ACHMSC (IN)	- 7.0W	- 4.25W	-
ACHMBC (IN)	- 5.5W	- 13.0W	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
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REMARKS - W=MULTIPLE LAYERS
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AASHTO TESTS : T24 T88 T89 T90 T265
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