

ARKANSAS DEPARTMENT OF TRANSPORTATION



**SUBSURFACE INVESTIGATION**

STATE JOB NO. BB0401

FEDERAL AID PROJECT NO. NHPP-40-1(94)0

OKLAHOMA STATE LINE – EAST (I-40 & I-540) (SEL. SECS.) (S)

STATE HIGHWAY I-540 & I-40 SECTION 1, 2 & 11

IN CRAWFORD & SEBASTIAN 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

June 21, 2016

TO: Mr. Trinity Smith, Engineer of Roadway Design

SUBJECT: Job No. BB0401  
Oklahoma St. Line – Ark. Mo. R.R. Overpass (S)  
Route 40 Section 11  
Crawford 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 6.9 miles of Interstate 40. Cores were taken at quarter-mile increments alternating between inside and outside lanes. Locations were measured from centerline of construction and should be noted as such on the logs.

Materials personnel reviewed the pavement cores for the above job. 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 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

PG 70-22		
Type	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:pt:bjj  
Attachment

cc: State Constr. Eng. – Master File Copy  
District 4 Engineer  
System Information and Research Division  
G. C. File

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE	- 06/15/16	SEQUENCE NO.	- 1
JOB NUMBER	- BB0401	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	- 17
SUPPLIER NAME	- STATE	DISTRICT NO.	- 04
NAME OF PROJECT	- OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- CRAWFORD, COUNTY		
SAMPLED BY	- T.FRAZIER	DATE SAMPLED	-
SAMPLE FROM	- TEST HOLE	DATE RECEIVED	- 08/26/15
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY	DATE TESTED	-

LAB NUMBER	-	20152636	-	20152637	-	20152638	
SAMPLE ID	-	-	-	-	-	-	
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY	
STATION	-	10+00	-	24+20	-	36+50	
LOCATION	-	25'LT	-	25'LT	-	40'LT	
DEPTH IN FEET	-	-	-	-	-	-	
MAT'L COLOR	-	-	-	-	-	-	
MAT'L TYPE	-	-	-	-	-	-	
LATITUDE DEG-MIN-SEC	-	35 27 12.30	-	35 27 22.50	-	35 27 31.50	
LONGITUDE DEG-MIN-SEC	-	94 26 21.50	-	94 26 11.30	-	94 26 .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)	-	4.25W	-	4.5W	-	4.0W
ACHMBC	(IN)	-	9.0W	-	10.0W	-	6.0W
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED  
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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 \*\*\*

DATE - 06/15/16 SEQUENCE NO. - 2  
JOB NUMBER - BB0401 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 - 17  
SUPPLIER NAME - STATE DISTRICT NO. - 04  
NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS  
PROJECT ENGINEER - NOT APPLICABLE  
PIT/QUARRY - ARKANSAS  
LOCATION - CRAWFORD, COUNTY DATE SAMPLED -  
SAMPLED BY - T.FRAZIER DATE RECEIVED - 08/26/15  
SAMPLE FROM - TEST HOLE DATE TESTED -  
MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	-	20152639	-	20152640	-	20152641	
SAMPLE ID	-	-	-	-	-	-	
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY	
STATION	-	49+70	-	49+70	-	62+50	
LOCATION	-	40'RT	-	70'LT	-	56'LT	
DEPTH IN FEET	-	-	-	-	-	-	
MAT'L COLOR	-	-	-	-	-	-	
MAT'L TYPE	-	-	-	-	-	-	
LATITUDE DEG-MIN-SEC	-	35 27 37.90	-	35 27 38.90	-	35 27 42.20	
LONGITUDE DEG-MIN-SEC	-	94 25 46.30	-	94 25 47.00	-	94 25 31.30	
% 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)	-	7.75W	-	4.0W	-	8.5W
ACHMBC	(IN)	-	11.0W	-	10.0W	-	6.5W
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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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 \*\*\*

DATE - 06/15/16 SEQUENCE NO. - 3  
 JOB NUMBER - BB0401 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 - 17  
 SUPPLIER NAME - STATE DISTRICT NO. - 04  
 NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS  
 PROJECT ENGINEER - NOT APPLICABLE  
 PIT/QUARRY - ARKANSAS  
 LOCATION - CRAWFORD, COUNTY DATE SAMPLED -  
 SAMPLED BY - T.FRAZIER DATE RECEIVED - 08/26/15  
 SAMPLE FROM - TEST HOLE DATE TESTED -  
 MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	20152642	20152643	20152644
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 62+50	- 76+00	- 75+50
LOCATION	- 65'LT	- 85'RT	- 85'LT
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 27 43.20	- 35 27 43.30	- 35 27 45.20
LONGITUDE DEG-MIN-SEC	- 94 25 32.00	- 94 25 15.30	- 94 25 16.30
% 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)	- 3.25W	- 4.0WX	- 4.25W
ACHMBC (IN)	- 7.0W	- 9.0W	- 9.0W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 06/15/16 SEQUENCE NO. - 4  
 JOB NUMBER - BB0401 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 - 17  
 SUPPLIER NAME - STATE DISTRICT NO. - 04  
 NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS  
 PROJECT ENGINEER - NOT APPLICABLE  
 PIT/QUARRY - ARKANSAS  
 LOCATION - CRAWFORD, COUNTY DATE SAMPLED -  
 SAMPLED BY - T.FRAZIER DATE RECEIVED - 08/26/15  
 SAMPLE FROM - TEST HOLE DATE TESTED -  
 MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	20152645	20152646	20152647
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 88+70	- 88+70	- 102+30
LOCATION	- 74'RT	- 74'LT	- 88'RT
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 27 44.90	- 35 27 46.20	- 35 27 45.80
LONGITUDE DEG-MIN-SEC	- 94 24 59.50	- 94 25 .50	- 94 24 43.60
% 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	- 5.5W	- 5.0W
ACHMBC (IN)	- 9.75W	- 7.0W	- 9.0W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
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REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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 - 06/15/16 SEQUENCE NO. - 5  
JOB NUMBER - BB0401 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 - 17  
SUPPLIER NAME - STATE DISTRICT NO. - 04  
NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS  
PROJECT ENGINEER - NOT APPLICABLE  
PIT/QUARRY - ARKANSAS  
LOCATION - CRAWFORD, COUNTY DATE SAMPLED -  
SAMPLED BY - T.FRAZIER DATE RECEIVED - 08/26/15  
SAMPLE FROM - TEST HOLE DATE TESTED -  
MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	-	20152648	-	20152649	-	20152650	
SAMPLE ID	-	-	-	-	-	-	
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY	
STATION	-	101+50	-	117+10	-	117+10	
LOCATION	-	88'LT	-	26'RT	-	76'LT	
DEPTH IN FEET	-	-	-	-	-	-	
MAT'L COLOR	-	-	-	-	-	-	
MAT'L TYPE	-	-	-	-	-	-	
LATITUDE DEG-MIN-SEC	-	35 27 47.70	-	35 27 46.10	-	35 27 47.40	
LONGITUDE DEG-MIN-SEC	-	94 24 44.70	-	94 24 27.60	-	94 24 29.30	
% 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	-	3.0	-	4.5W
ACHMBC	(IN)	-	8.0W	-	9.25W	-	8.5W
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-
	-	-	-	-	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE	- 06/15/16	SEQUENCE NO.	- 6
JOB NUMBER	- BB0401	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	- 17
SUPPLIER NAME	- STATE	DISTRICT NO.	- 04
NAME OF PROJECT	- OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- CRAWFORD, COUNTY	DATE SAMPLED	-
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 08/26/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	-
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	-	20152651	-	20152652	-	20152653
SAMPLE ID	-		-		-	
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY
STATION	-	129+30	-	129+30	-	141+90
LOCATION	-	76'RT	-	86'LT	-	36'RT
DEPTH IN FEET	-		-		-	
MAT'L COLOR	-		-		-	
MAT'L TYPE	-		-		-	
LATITUDE DEG-MIN-SEC	-	35 27 40.00	-	35 27 42.60	-	35 27 34.60
LONGITUDE DEG-MIN-SEC	-	94 24 13.60	-	94 24 14.80	-	94 23 59.20
% 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)	5.0WX	-	5.75W	-	5.5WX
ACHMBC	(IN)	9.0W	-	7.50W	-	8.0WX
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	
			-		-	

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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	- 06/15/16	SEQUENCE NO.	- 7
JOB NUMBER	- BB0401	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	- 17
SUPPLIER NAME	- STATE	DISTRICT NO.	- 04
NAME OF PROJECT	- OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- CRAWFORD, COUNTY	DATE SAMPLED	-
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 08/26/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	-
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20152654	- 20152655	- 20152656
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 139+90	- 153+80	- 167+20
LOCATION	- 85'LT	- 105'LT	- 15'RT
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 27 36.20	- 35 27 34.10	- 35 27 34.90
LONGITUDE DEG-MIN-SEC	- 94 24 .90	- 94 23 45.10	- 94 23 29.20
% 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)	- 4.5W	- NO TEST	- 4.25W
ACHMBC (IN)	- 16.0W	-	- 15.0W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 06/15/16 SEQUENCE NO. - 8  
JOB NUMBER - BB0401 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 - 17  
SUPPLIER NAME - STATE DISTRICT NO. - 04  
NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS  
PROJECT ENGINEER - NOT APPLICABLE  
PIT/QUARRY - ARKANSAS  
LOCATION - CRAWFORD, COUNTY DATE SAMPLED -  
SAMPLED BY - T.FRAZIER DATE RECEIVED - 08/26/15  
SAMPLE FROM - TEST HOLE DATE TESTED -  
MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	20152657	20152658	20152659
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 167+20	- 180+10	- 192+80
LOCATION	- 90'LT	- 55'RT	- 76'RT
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 27 35.90	- 35 27 40.40	- 35 27 49.20
LONGITUDE DEG-MIN-SEC	- 94 23 29.20	- 94 23 15.00	- 94 23 3.30
% 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	- 6.0W	- 5.0W
ACHMBC (IN)	- 12.50W	- 10.0W	- 14.0W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE	- 06/15/16	SEQUENCE NO.	- 9
JOB NUMBER	- BB0401	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	- 17
SUPPLIER NAME	- STATE	DISTRICT NO.	- 04
NAME OF PROJECT	- OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS	DATE SAMPLED	-
LOCATION	- CRAWFORD, COUNTY	DATE RECEIVED	- 08/26/15
SAMPLED BY	- T.FRAZIER	DATE TESTED	-
SAMPLE FROM	- TEST HOLE		
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	- 20152660	- 20152661	- 20152662
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 193+90	- 206+40	- 206+40
LOCATION	- 76'RT	- 66'RT	- 106'LT
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 27 50.90	- 35 27 55.30	- 35 27 57.20
LONGITUDE DEG-MIN-SEC	- 94 23 3.40	- 94 22 49.30	- 94 22 49.80
% 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) - 6.25W	- 5.0W	- 6.5W
ACHMBC	(IN) - 9.25W	- 11.0W	- 7.0W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED



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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 06/15/16	SEQUENCE NO. - 11
JOB NUMBER - BB0401	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 - 17
SUPPLIER NAME - STATE	DISTRICT NO. - 04
NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS	
PROJECT ENGINEER - NOT APPLICABLE	
PIT/QUARRY - ARKANSAS	
LOCATION - CRAWFORD, COUNTY	DATE SAMPLED -
SAMPLED BY - T.FRAZIER	DATE RECEIVED - 08/26/15
SAMPLE FROM - TEST HOLE	DATE TESTED -
MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY	

LAB NUMBER	-	20152666	-	20152667	-	20152668
SAMPLE ID	-		-		-	
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY
STATION	-	232+90	-	246+10	-	246+10
LOCATION	-	98'LT	-	76'RT	-	76'LT
DEPTH IN FEET	-		-		-	
MAT'L COLOR	-		-		-	
MAT'L TYPE	-		-		-	
LATITUDE DEG-MIN-SEC	-	35 27 54.60	-	35 27 50.70	-	35 27 52.10
LONGITUDE DEG-MIN-SEC	-	94 22 18.70	-	94 22 2.50	-	94 22 3.00
% 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) -	4.25W	-	5.5W	-	4.0WX
ACHMBC	(IN) -	8.25W	-	6.5W	-	8.0W
	-		-		-	
	-		-		-	
	-		-		-	
	-		-		-	
	-		-		-	
	-		-		-	
	-		-		-	
	-		-		-	

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED  
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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 \*\*\*

DATE	- 06/15/16	SEQUENCE NO.	- 12
JOB NUMBER	- BB0401	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	- 17
SUPPLIER NAME	- STATE	DISTRICT NO.	- 04
NAME OF PROJECT	- OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- CRAWFORD, COUNTY	DATE SAMPLED	-
SAMPLED BY	- T.FRAZIER	DATE RECEIVED	- 08/26/15
SAMPLE FROM	- TEST HOLE	DATE TESTED	-
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	-	-	-
	20152669	20152670	20152671
SAMPLE ID	-	-	-
TEST STATUS	-	-	-
	INFORMATION ONLY	INFORMATION ONLY	INFORMATION ONLY
STATION	-	-	-
	259+90	271+20	271+20
LOCATION	-	-	-
	86'RT	76'RT	76'LT
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	-	-	-
	35 27 48.30	35 27 46.50	35 27 47.60
LONGITUDE DEG-MIN-SEC	-	-	-
	94 21 47.00	94 21 32.00	94 21 30.50
% 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)	3.5W	4.5W	4.5WX
ACHMBC	-	-	-
(IN)	9.0W	15.0W	10.0W
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 06/15/16 SEQUENCE NO. - 13  
 JOB NUMBER - BB0401 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 - 17  
 SUPPLIER NAME - STATE DISTRICT NO. - 04  
 NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS  
 PROJECT ENGINEER - NOT APPLICABLE  
 PIT/QUARRY - ARKANSAS  
 LOCATION - CRAWFORD, COUNTY DATE SAMPLED -  
 SAMPLED BY - T.FRAZIER DATE RECEIVED - 08/26/15  
 SAMPLE FROM - TEST HOLE DATE TESTED -  
 MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	-	20152672	-	20152673	-	20152674
SAMPLE ID	-	-	-	-	-	-
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY
STATION	-	204+80	-	284+80	-	298+30
LOCATION	-	88'RT	-	88'LT	-	76'RT
DEPTH IN FEET	-	-	-	-	-	-
MAT'L COLOR	-	-	-	-	-	-
MAT'L TYPE	-	-	-	-	-	-
LATITUDE DEG-MIN-SEC	-	35 27 44.10	-	35 27 45.80	-	35 27 42.60
LONGITUDE DEG-MIN-SEC	-	94 21 16.40	-	94 21 14.70	-	94 21 .60
% 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	-	5.0W	-	4.25WX
ACHMBC	(IN) -	13.5W	-	11.5	-	9.0W
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-
	-	-	-	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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 - 06/15/16                                  SEQUENCE NO. - 14  
JOB NUMBER - BB0401                              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 - 17  
SUPPLIER NAME - STATE                            DISTRICT NO. - 04  
NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS  
PROJECT ENGINEER - NOT APPLICABLE  
PIT/QUARRY - ARKANSAS  
LOCATION - CRAWFORD, COUNTY                      DATE SAMPLED -  
SAMPLED BY - T.FRAZIER                            DATE RECEIVED - 08/26/15  
SAMPLE FROM - TEST HOLE                            DATE TESTED -  
MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER		20152675	20152676	20152677
SAMPLE ID				
TEST STATUS		INFORMATION ONLY	INFORMATION ONLY	INFORMATION ONLY
STATION		298+30	311+20	311+20
LOCATION		76'LT	88'RT	88'LT
DEPTH IN FEET				
MAT'L COLOR				
MAT'L TYPE				
LATITUDE DEG-MIN-SEC		35 27 43.80	35 27 40.80	35 27 42.60
LONGITUDE DEG-MIN-SEC		94 20 59.10	94 20 44.80	94 20 43.10
% 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)	6.0W	4.0WX	4.0W
ACHMBC	(IN)	6.5W	9.0W	7.0W

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED



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

MICHAEL BENSON, MATERIALS ENGINEER

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

DATE - 06/15/16 SEQUENCE NO. - 15  
 JOB NUMBER - BB0401 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 - 17  
 SUPPLIER NAME - STATE DISTRICT NO. - 04  
 NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS  
 PROJECT ENGINEER - NOT APPLICABLE  
 PIT/QUARRY - ARKANSAS  
 LOCATION - CRAWFORD, COUNTY DATE SAMPLED -  
 SAMPLED BY - T.FRAZIER DATE RECEIVED - 08/26/15  
 SAMPLE FROM - TEST HOLE DATE TESTED -  
 MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	20152678	20152679	20152680
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	- INFORMATION ONLY	- INFORMATION ONLY
STATION	- 325+30	- 325+30	- 338+70
LOCATION	- 76'RT	- 76'LT	- 78'RT
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 35 27 39.40	- 35 27 40.90	- 35 27 37.50
LONGITUDE DEG-MIN-SEC	- 94 20 27.70	- 94 20 28.90	- 94 20 11.80
% 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)	- 4.0W	- 4.25WX	- 4.75W
ACHMBC (IN)	- 7.0W	- 6.5W	- 9.0W

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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	- 06/15/16	SEQUENCE NO.	- 16
JOB NUMBER	- BB0401	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	- 17
SUPPLIER NAME	- STATE	DISTRICT NO.	- 04
NAME OF PROJECT	- OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS	DATE SAMPLED	-
LOCATION	- CRAWFORD, COUNTY	DATE RECEIVED	- 08/26/15
SAMPLED BY	- T.FRAZIER	DATE TESTED	-
SAMPLE FROM	- TEST HOLE		
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

LAB NUMBER	-	20152681	-	20152682	-	20152683
SAMPLE ID	-	-	-	-	-	-
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-	INFORMATION ONLY
STATION	-	338+70	-	352+10	-	352+10
LOCATION	-	78'LT	-	46'RT	-	46'LT
DEPTH IN FEET	-	-	-	-	-	-
MAT'L COLOR	-	-	-	-	-	-
MAT'L TYPE	-	-	-	-	-	-
LATITUDE DEG-MIN-SEC	-	35 27 39.50	-	35 27 34.00	-	35 27 35.40
LONGITUDE DEG-MIN-SEC	-	94 20 13.10	-	94 19 56.40	-	94 19 57.90
% 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)	3.25W	-	4.75W	-	5.5WX
ACHMBC	(IN)	7.50W	-	12.25W	-	6.5W
		-	-	-	-	-
		-	-	-	-	-
		-	-	-	-	-
		-	-	-	-	-
		-	-	-	-	-
		-	-	-	-	-
		-	-	-	-	-

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED

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 - 06/15/16 SEQUENCE NO. - 17  
JOB NUMBER - BB0401 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 - 17  
SUPPLIER NAME - STATE DISTRICT NO. - 04  
NAME OF PROJECT - OKLAHOMA STATE LINE - ARK. MO.RR OVERPASS  
PROJECT ENGINEER - NOT APPLICABLE  
PIT/QUARRY - ARKANSAS  
LOCATION - CRAWFORD, COUNTY DATE SAMPLED -  
SAMPLED BY - T.FRAZIER DATE RECEIVED - 08/26/15  
SAMPLE FROM - TEST HOLE DATE TESTED -  
MATERIAL DESC. - PAVEMENT SOUNDINGS ONLY

LAB NUMBER	-	20152684	-	20152685	-
SAMPLE ID	-		-		-
TEST STATUS	-	INFORMATION ONLY	-	INFORMATION ONLY	-
STATION	-	365+30	-	365+30	-
LOCATION	-	48'RT	-	48'LT	-
DEPTH IN FEET	-		-		-
MAT'L COLOR	-		-		-
MAT'L TYPE	-		-		-
LATITUDE DEG-MIN-SEC	-	35 27 27.90	-	35 27 30.20	-
LONGITUDE DEG-MIN-SEC	-	94 19 42.40	-	94 19 44.80	-
% 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)	-	3.5W	-	4.25W
ACHMBC	(IN)	-	14.5W	-	8.50W
		-		-	
		-		-	
		-		-	
		-		-	
		-		-	
		-		-	
		-		-	
		-		-	
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		-		-	
		-		-	

REMARKS - W=MULTIPLE LAYERS, X=STRIPPED