

ARKANSAS DEPARTMENT OF TRANSPORTATION



**SUBSURFACE INVESTIGATION**

STATE JOB NO. 090490

FEDERAL AID PROJECT NO. ACNHPP-9191(9) & 9030

HWY. 65 INTERS. IMPVTS. & SIGNAL COORDINATION (HARRISON) (S)

STATE HIGHWAY 65 SECTION 1

IN BOONE 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 | Lorie H. Tudor, 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

November 2, 2021

**TO:** Mr. Trinity Smith, Engineer of Roadway Design

**SUBJECT:** Job No. 090490  
Hwy. 65 Inters. & Signal Coordination (Harrison) (S)  
Route 65 Section 1  
Boone County

Attached is the requested Pavement Sounding information, core photos and location map for the above referenced job. The project consists of making intersection improvements at Highway 65 and Forward Drive. Cores were taken 105 feet southwest of Highway 65.

  
Jonathan A. Annable  
Materials Engineer

JAA:yz:bjj

Attachment

cc: State Constr. Eng. – Master File Copy  
District 9 Engineer  
System Information and Research  
G. C. File

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

JONATHAN A. ANNABLE, MATERIALS ENGINEER

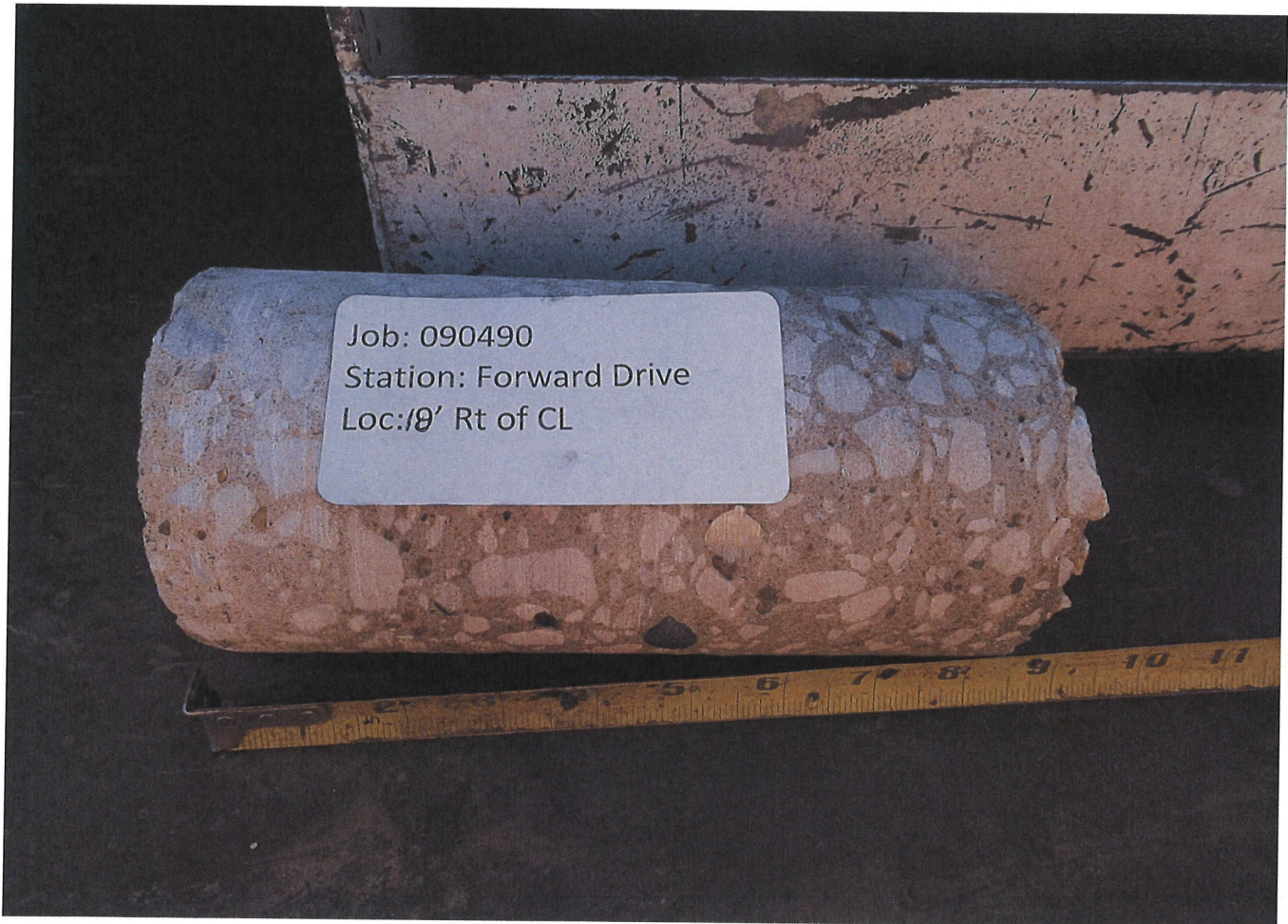
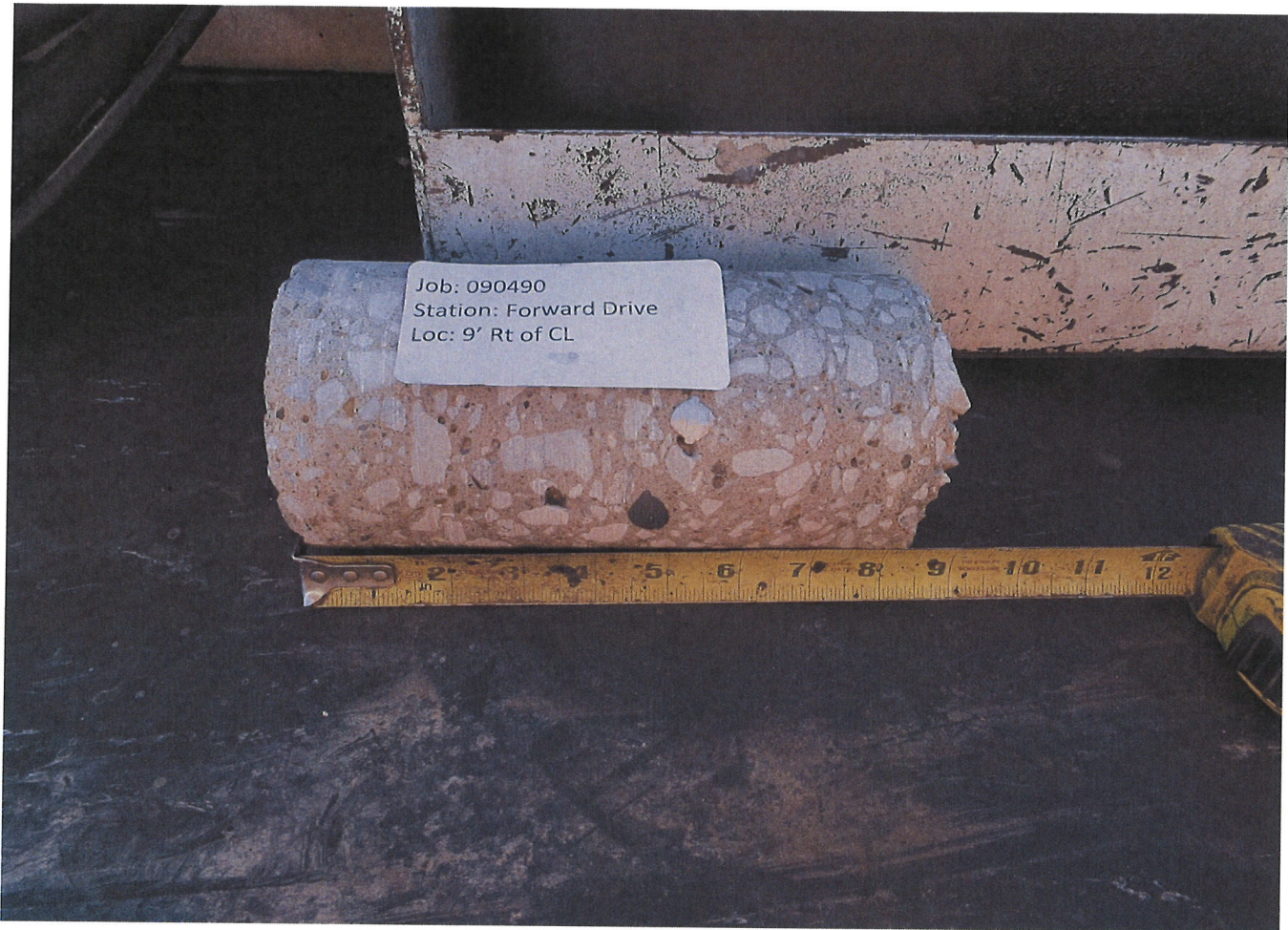
\*\*\* SOIL SURVEY / PAVEMENT SOUNDING TEST REPORT \*\*\*

DATE	- 10/29/21	SEQUENCE NO.	- 1
JOB NUMBER	- 090490	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	- 05
SUPPLIER NAME	- STATE	DISTRICT NO.	- 09
NAME OF PROJECT	- HWY 65 INPUTS & SIGNAL COORDINATES		
PROJECT ENGINEER	- NOT APPLICABLE		
PIT/QUARRY	- ARKANSAS		
LOCATION	- BOONE COUNTY	DATE SAMPLED	- 10/18/21
SAMPLED BY	- THORNTON	DATE RECEIVED	- 10/28/21
SAMPLE FROM	- TEST HOLE	DATE TESTED	-
MATERIAL DESC.	- PAVEMENT SOUNDINGS ONLY		

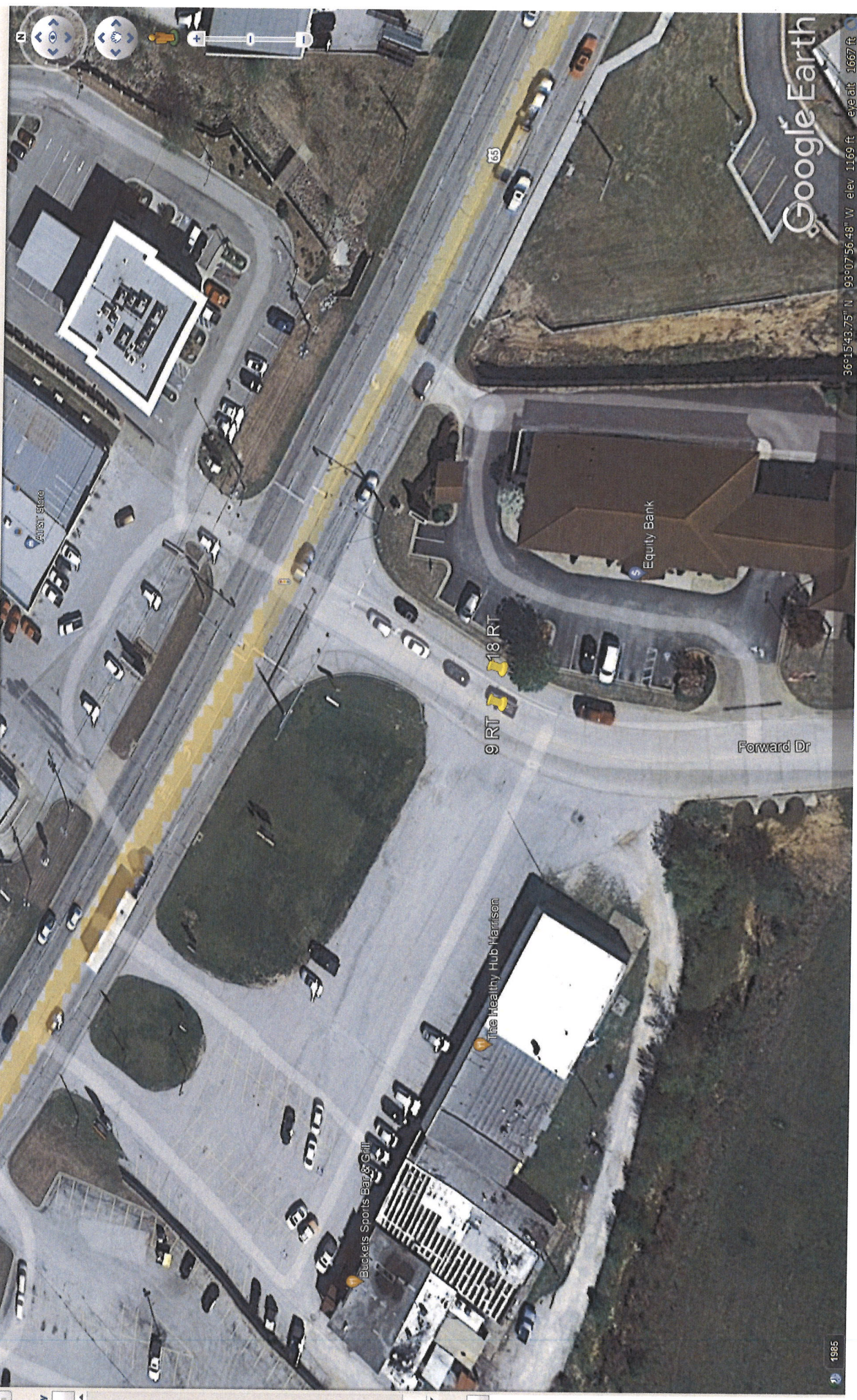
LAB NUMBER	- 20212786	-	-
SAMPLE ID	-	-	-
TEST STATUS	- INFORMATION ONLY	-	-
STATION	- 1+05	-	-
LOCATION	- 18 RT	-	-
DEPTH IN FEET	-	-	-
MAT'L COLOR	-	-	-
MAT'L TYPE	-	-	-
LATITUDE DEG-MIN-SEC	- 36 15 41.80	-	-
LONGITUDE DEG-MIN-SEC	- 93 07 56.70	-	-
% PASSING	2 IN.	-	-
	1 1/2 IN.	-	-
	3/4 IN.	-	-
	3/8 IN.	-	-
	NO. 4	-	-
	NO. 10	-	-
	NO. 40	-	-
	NO. 80	-	-
	NO. 200	-	-
LIQUID LIMIT	-	-	-
PLASTICITY INDEX	-	-	-
AASHTO SOIL	-	-	-
UNIFIED SOIL	-	-	-
% MOISTURE CONTENT	-	-	-
PCCP	(IN) - 8.5	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
	-	-	-
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REMARKS -  
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Google Earth

36°15'43.75" N, 93°07'56.48" W, elev. 1199 ft, eye alt. 1667 ft

1986





ARKANSAS DEPARTMENT OF TRANSPORTATION

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MATERIALS DIVISION

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

February 27, 2020

**TO:** Mr. Trinity Smith, Engineer of Roadway Design

**SUBJECT:** Job No. 090490  
Hwy. 65 Inters. Impvts. & Signal Coordination (Harrison) (S)  
Route 65 Section 1  
Boone County

Based on soil information from projects in the surrounding area, an estimated R-Value of 10 is appropriate for pavement design.



Michael C. Benson  
Materials Engineer

MCB:pt:bjj  
Attachment

cc: State Constr. Eng. – Master File Copy  
District 9 Engineer  
System Information and Research Div.  
G. C. File