

ARKANSAS DEPARTMENT OF TRANSPORTATION



SUBSURFACE INVESTIGATION

STATE JOB NO. 070513

FEDERAL AID PROJECT NO. NHPP-0010(48)

I-30 STR. & APPRS. (HWY. 51) (S)

STATE HIGHWAY 51 SECTION 1

IN CLARK 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

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October 14, 2019

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

**SUBJECT:** Job No. 070513  
I-30 Str. & Apprs. (Hwy. 51) (S)  
Route 51 Section 1  
Clark County

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

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

Asphalt Concrete Hot Mix

<b>Type</b>	<b>Asphalt Cement %</b>	<b>Mineral Aggregate %</b>
Surface Course	5.3	94.7
Binder Course	4.4	95.6
Base Course	4.0	96.0

  
Michael C. Benson  
Materials Engineer

MCB:pt:bjj  
Attachment

cc: State Constr. Eng. – Master File Copy  
District 7 Engineer  
System Information and Research Div.  
G. C. File