ARKANSAS DEPARTMENT OF TRANSPORTATION

SUBSURFACE INVESTIGATION

STATE JOB NO. 070514

FEDERAL AID PROJECT NO. NHPP-0014(38)

DITCH AT L.M. 7.34 STR. & APPRS. (S)

STATE HIGHWAY 98 **SECTION** 2

IN COLUMBIA **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
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March 17, 2021

TO: Mr. Trinity Smith, Engineer of Roadway Design

SUBJECT: Job No. 070514
Hwy. 98 Strs/ & Apprs. (Columbia Co.) (S)
Route 98 Sections 2 & 3
Columbia County

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

It is recommended that the soft organic material be undercut prior to construction, anticipated to be no more than two feet. The undercut should be the foot print of the box culverts plus two feet extra on each side of the box. The undercut should be back filled with stone backfill.

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 Bismarck.

2. Asphalt Concrete Hot Mix for **PG 64-22**

Type	Asphalt Cement %	Mineral Aggregate %
Surface Course	5.3	94.7
Binder Course	4.4	95.6
Base Course	3.9	96.1

Jonathan A. Annable
Materials Engineer

JAA:yz:bjj
Attachment
cc: State Constr. Eng. – Master File Copy
District 7 Engineer
System Information and Research
G. C. File