BALANCED MIX DESIGN FOR COUNTY ROADS
63rd Annual Alabama Transportation Conference
February 11-13, 2020
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Geneva County Engineer

WHY BALANCE MIX DESIGN AND HOW DID WE GET HERE?

**DISCLAIMER**
I'M NOT AN ASPHALT EXPERT AND THIS IS A WORK IN PROGRESS.

- Why the passage of the new gas tax, SB50, was a win for local counties.
- Every year, $400,000 will be given to the counties in lieu of the money Federal Allocation demands.
  - The federal government has approved counties and to follow ALDOT specifications for projects.
  - Now Counties have the option to look at other construction methods, like BDOT specifications and ALDOT specifications and asphalt industry standards. BDOT will be another tool in our arsenals.

WHY BALANCE MIX DESIGN AND HOW DID WE GET HERE?

- Construction began with several county engineers about discussing other asphalt mix options that would be better suited for county roads, i.e., more use with a longer fatigue cycle.
- Initial contact was made with NCHRP for assistance and advice.
- A meeting was held at NCHRP with ACTA Technical Advisory Committee.
- ACTA TAC met with ALDOT officials to discuss BDOT on a statewide level.
- A study was made comparing BDOT and potential specifications.
- A pilot program with Geneva County and Houston County Two roads in each county that will be divided.
- BDOT testing requirements will be for determination phase (same as ALDOT).

GENEVA COUNTY FY 2020 TRANSPORTATION PLAN AND BID

GENEVA COUNTY PURCHASE ORDER ASPHALT SPECIFICATIONS
B.M.D.
ALDOT 424
IMPORTANT DATES

MARCH 9, 2020
OPEN BIDS FOR GENEVA COUNTY PURCHASE ORDER ASPHALT

APRIL 3, 2020
ALDOT LETTING WITH SPECIAL PROVISION BMD SPECIFICATIONS (GENEVA AND HOUSTON COUNTY PILOT PROGRAM)

ACKNOWLEDGEMENTS

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HOUSTON COUNTY, BARKLEY KIRKLAND, P.E.

MEL MONK, P.E. EXECUTIVE DIRECTOR OF AAAPA INDUSTRY

QUESTIONS??

THANK YOU

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Balanced Mix Design for County Roads - Barfield