



CONSULTANTS
· ENVIRONMENTAL
· GEOTECHNICAL
· MATERIALS
· FORENSICS

March 2, 2020

SPN & Associates
2100 North Sanborn Boulevard
P.O. Box 398
Mitchell, South Dakota 57301

Attn: Mr. Terry Aaker, PE
taaker@spn-assoc.com

Subj: Project Summary
Sanborn Boulevard Reconstruction
Mitchell, South Dakota
AET No. 32-20336

Dear Mr. Aaker:

American Engineering Testing, Inc. (AET) appreciates the opportunity to provide services for you on your Sanborn Boulevard reconstruction project in Mitchell, South Dakota. Our work has been performed in accordance with your verbal request.

During the past year, AET has addressed multiple pavement projects impacted by excess precipitation. Subgrade soils often contained moisture above the level that maintained stability which was documented through proof roll tests. Weather patterns often included insufficient days to dry the soils. A common procedure to achieve subgrade stability, prior to paving, has been to increase the pavement system thickness by 6 to 12 inches. This extra thickness typically consists of aggregate base material or crushed concrete. Beneath the extra granular material, a woven geotextile fabric or geo-grid is installed. This approach is modified for product availability and site-specific conditions.

If you have any questions or comments regarding this report or if we can be of further assistance, please contact us at (605) 332-5371.

AMERICAN ENGINEERING TESTING, INC.

A handwritten signature in blue ink, appearing to read 'Scott J Kelly', is written over a light blue horizontal line.

Scott J Kelly, PE
Branch Manager