Geogrid Demonstration Project

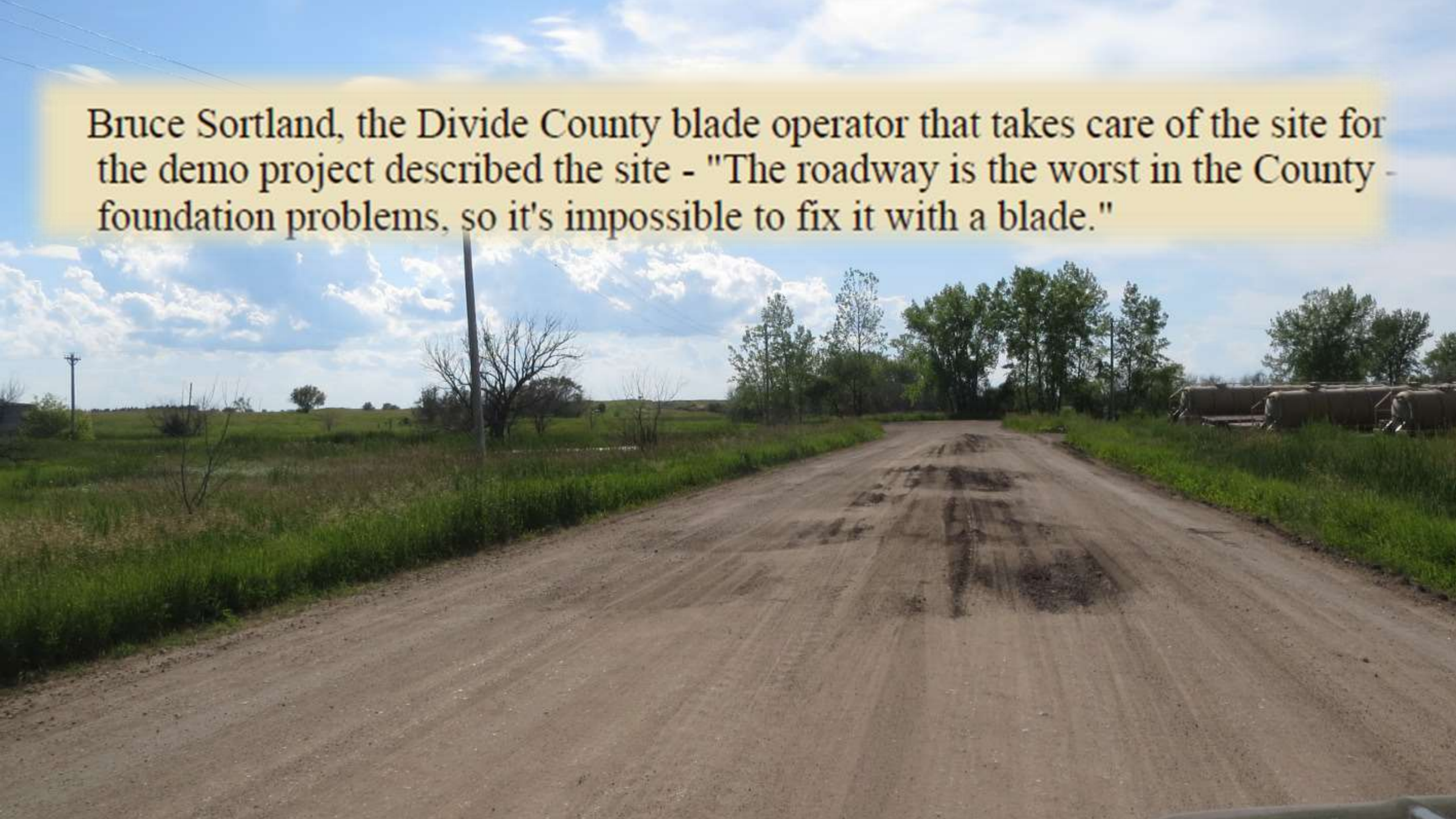
Divide County, North Dakota

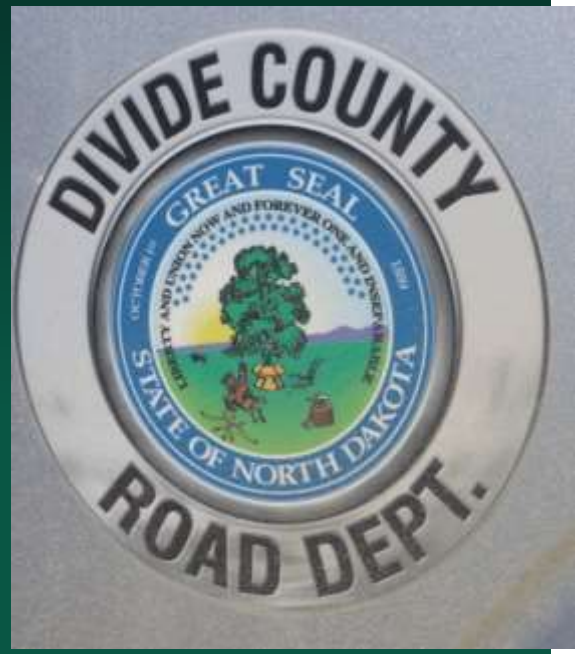
31st Local Roads Conference

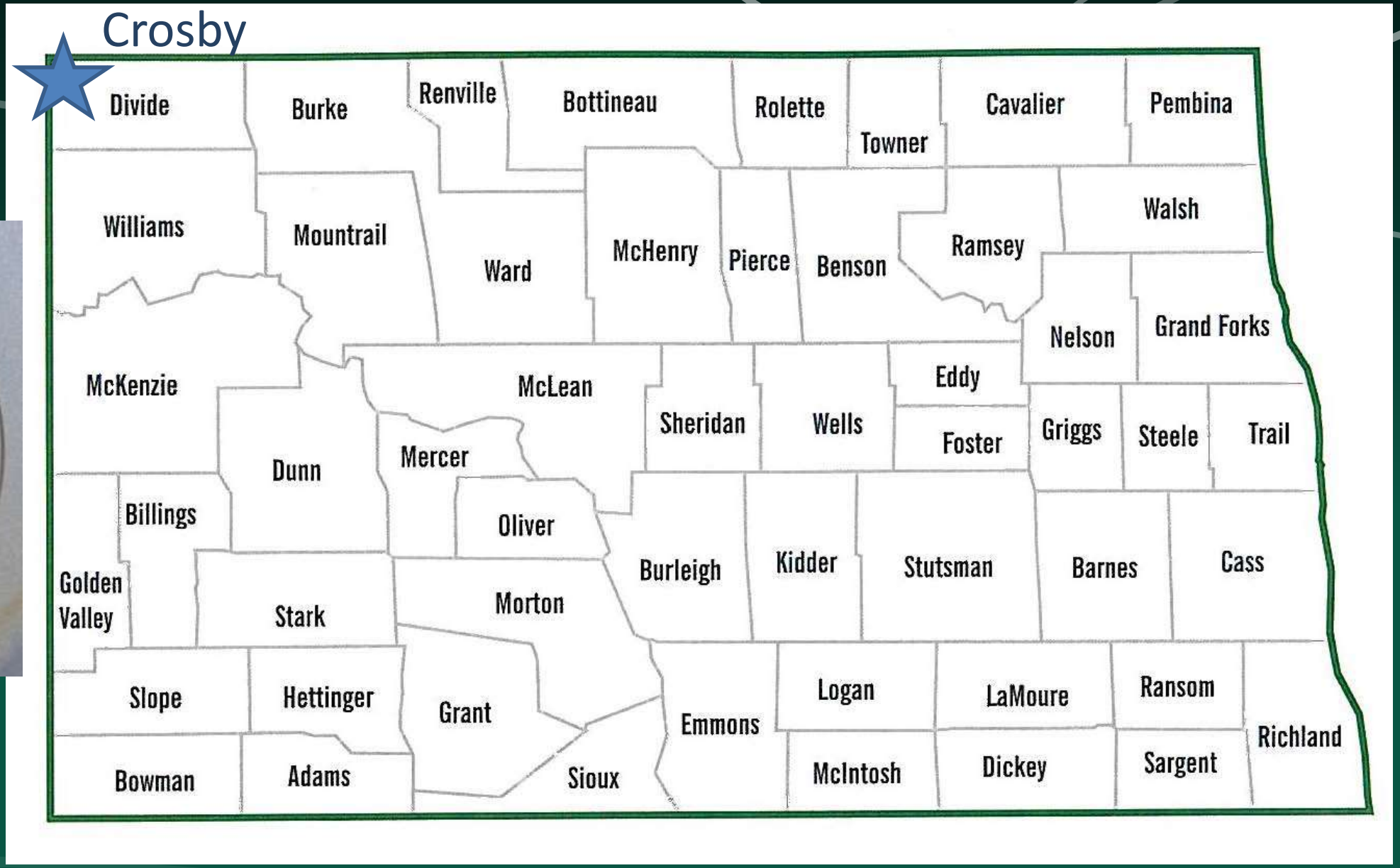
October 20, 2016 – Rapid City

Bryan Haugenoe, Divide County Road Superintendent

Curt Glasoe, NDLTAP Western Technical Expert


Bruce Sortland, the Divide County blade operator that takes care of the site for the demo project described the site - "The roadway is the worst in the County - foundation problems, so it's impossible to fix it with a blade."


DIVIDE COUNTY
GREAT SEAL
STATE OF NORTH DAKOTA
ROAD DEPT.


Crosby
Divide
Burke
Renville
Bottineau
Rolette
Towner
Cavalier
Pembina
Williams
Mountrail
Ward
McHenry
Pierce
Benson
Ramsey
Walsh
Nelson
Grand Forks
McKenzie
McLean
Sheridan
Wells
Eddy
Foster
Griggs
Steele
Trail
Dunn
Mercer
Billings
Oliver
Golden Valley
Stark
Morton
Burleigh
Kidder
Stutsman
Barnes
Cass
Slope
Hettinger
Grant
Emmons
Logan
LaMoure
Ransom
Richland
Bowman
Adams
Sioux
McIntosh
Dickey
Sargent

Roadway Foundation Demonstration Free Workshop
October 13, 2015
9:00 AM - 3:00 PM (CT)

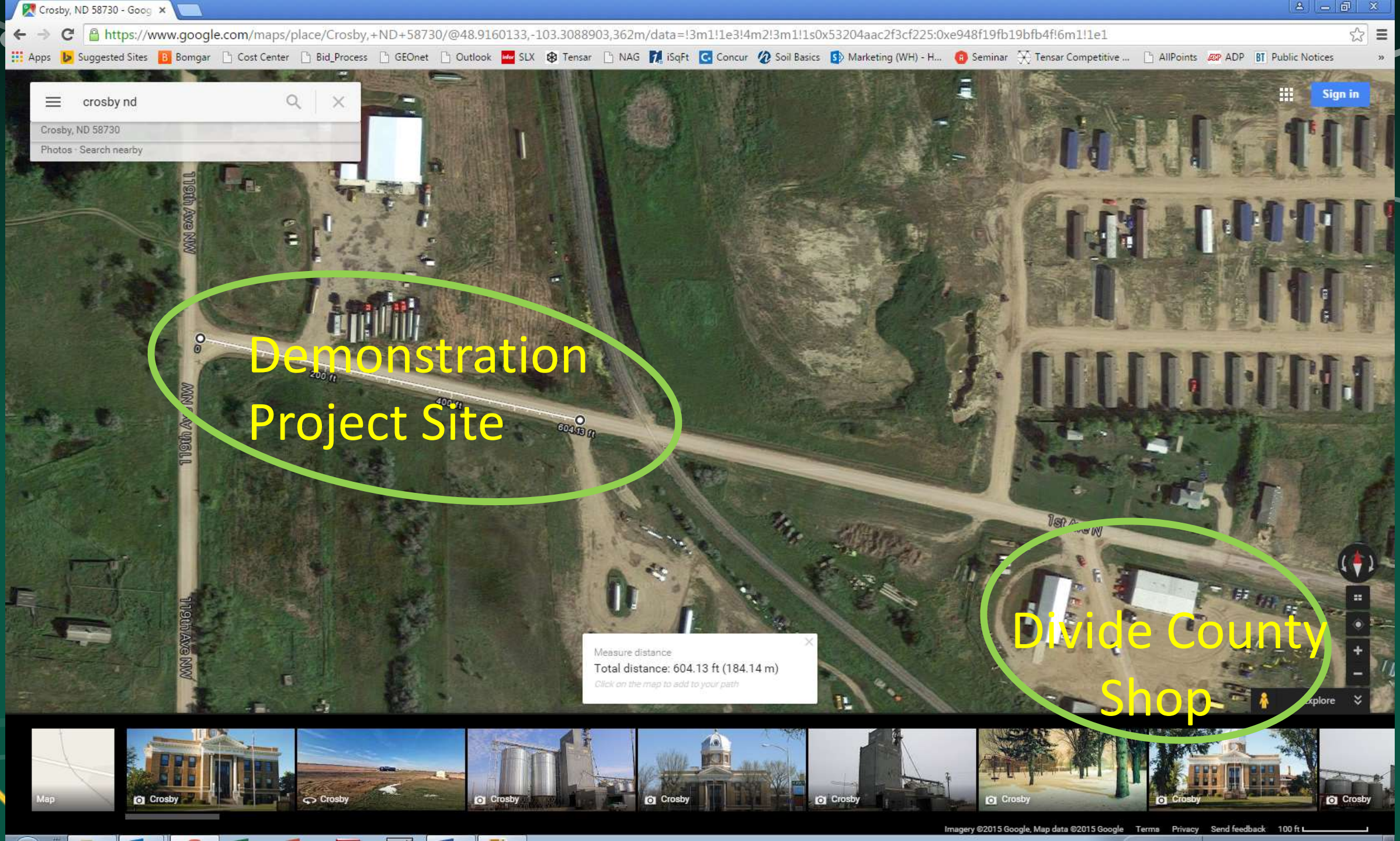
When
Tuesday, October 13, 2015
Add to Calendar

Where
Divide County Shop
807 1st Avenue NW
Crosby, ND

Divide County and NDLTAP have a learning opportunity you don't want to miss.

On Tuesday, October 13th NDLTAP and Divide County will team up to provide a Roadway Foundation Demonstration Workshop. Bryan Haugenoe's Divide County road crew will rip up a 500' section of roadway next to their shop and build a solid roadway foundation with geogrid and gravel that will stand the test of time.

The day will start off with a brief classroom review of roadway design options then move into the field for a real world project exercise. The day will wrap up with a brain-storming session- we'll share ideas on how geogrids can solve foundation failures. Scott Whaley, PE, Tensar, will be on site to help walk us through the design and installation process. Curt Glaoe. PE/PLS, NDLTAP's Western ND Technical Representative, will show how to take the design and translate that to a real world design layout. Cory Urhich, NDLTAP's Motor Grader Operator instructor, will lead the field crew's operation


Crosby, ND 58730 - Goog
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Apps
Suggested Sites
Bomgar
Cost Center
Bid_Process
GEOnet
Outlook
SLX
Tensar
NAG
iSqFt
Concur
Soil Basics
Marketing (WH) - H...
Seminar
Tensar Competitive ...
AllPoints
ADP
Public Notices
crosby nd
Crosby, ND 58730
Photos · Search nearby
Sign in
119th Ave NW
200 ft
400 ft
604.13 ft
Demonstration Project Site
Measure distance
Total distance: 604.13 ft (184.14 m)
Click on the map to add to your path
1st Ave NW
Divide County Shop
Map
Crosby
Imagery ©2015 Google, Map data ©2015 Google
Terms
Privacy
Send feedback
100 ft

NDSU

Program

872GP

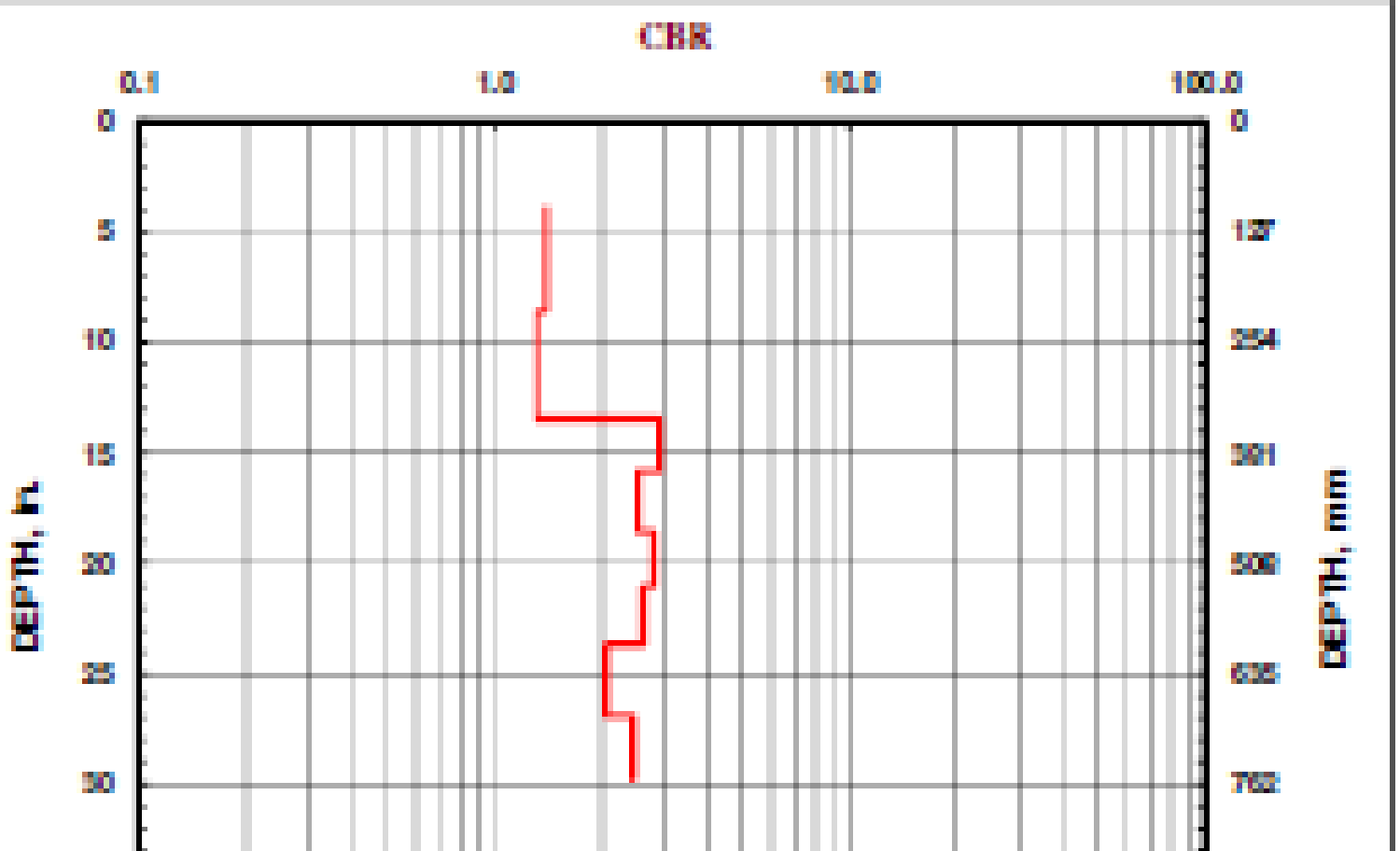
DCP TEST DATA

Project: Divide County Test Section
Location: Test 2 - South Side Shoulder
Date: 27-Aug-15
Soil Type(s): Type in the soil type

Hammer
- ○ 10.1 lbs.
- ● 17.6 lbs.
- ○ Both hammers used

Soil Type
- ○ CH
- ○ CL
- ● All other soils

No. of Blows	Accumulative Penetration (mm)	Type of Hammer
1	100	1
1	219	1
1	342	1
1	403	1
1	472	1
1	535	1
1	602	1
1	686	1
1	756	1
		1
		1
		1
		1
		1
		1
		1



NDSU

Roadway Success!!
October 2016

NDSU UPPER GREAT PLAINS TRANSPORTATION INSTITUT