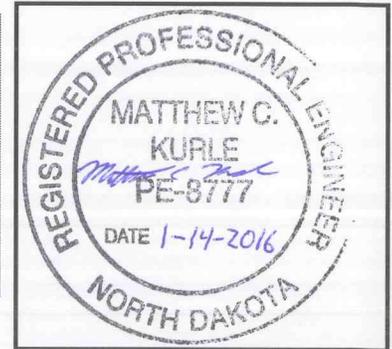


LINEAR SOILS REPORT AND RECOMMENDATION ADDENDUM

TO:	Design
FROM:	Matt Kurle – Materials and Research (Geotechnical)
DATE:	1/14/2016
HIGHWAY:	281
PROJECT NUMBER:	NH-3-281(118)190
PCN:	20683
LOCATION:	Cando North to West Junction ND 66
SUBJECT:	Subcut Near Railroad Crossing (RP 191.6)



The above project consists of milling with a RAP overlay and subcuts. A linear soils report and recommendation was sent out on 12/1/2015. The report recommended a subcut at the railroad crossing near RP 191.6. This area was recommended to be subcut 35" below the existing subgrade due to the fact that a previous 12" subcut in this area failed to prevent pavement distress.

Location RP + Feet	Length
191+3295 to 191+3570	275'

After further discussion and review with the Design Division and the Devils Lake District it was discovered that the NDDOT does not have an adequate easement around the railroad crossing to perform this type of work. There was also concern that performing a subcut of the recommended depth next to the railroad tracks could potentially cause disturbance to the railroad crossing itself. In an e-mail dated 1/14/16 the Devils Lake District recommended that we not perform a subcut at this site

Based on this information the Geotechnical Section recommends removing this subcut from the project, with the caveat that the milling and RAP overlay may not alleviate the existing maintenance issues in this area.