

Roy Tellier

From: Khazaei, Majid <mkhazaei@ncdot.gov>
Sent: Wednesday, November 08, 2017 9:07 AM
To: Batts, James R; Kimmel, Krista H
Cc: Roy Tellier; James Byrd; McIntyre, Ray; Leonard, David; Argenbright, Dean N; Kreider, Christopher A; Santee, Thomas G
Subject: RE: [External] U-4902D Detour Geotechnical Recommendation

Roy,

The proposed temporary fabric stabilized 2:1 steepen slope constructed in accordance with the Standard detail No. 1803.02 drawings from approximately station -L- 278+00 to -L- 279+00 is acceptable.

Thank you,

Majid

From: Batts, James R
Sent: Tuesday, November 07, 2017 9:06 AM
To: Khazaei, Majid <mkhazaei@ncdot.gov>; Kimmel, Krista H <khkimmel@ncdot.gov>
Cc: Roy Tellier (rtellier@HNTB.com) <rtellier@HNTB.com>; James Byrd <jabyrd@HNTB.com>; McIntyre, Ray <rmcintyre@ncdot.gov>; Leonard, David <dbleonard@ncdot.gov>; Argenbright, Dean N <dargenbright@ncdot.gov>
Subject: RE: [External] U-4902D Detour Geotechnical Recommendation
Importance: High

Majid,

Please talk with Krista and verify their geotextile detail planned is acceptable at the site location.

Thanks,

Jamey Batts
Eastern Region Design Engineer
Geotechnical Engineering Unit

919 662 3576
jrbatts@ncdot.gov

3301 Jones Sausage Rd, Suite 100
Garner, NC 27529



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From: Kimmel, Krista H
Sent: Tuesday, November 07, 2017 8:01 AM
To: Argenbright, Dean N
Cc: Roy Tellier (rtellier@HNTB.com); James Byrd; McIntyre, Ray; Leonard, David; Batts, James R
Subject: RE: [External] U-4902D Detour Geotechnical Recommendation

Thank you Dean.

Krista H. Kimmel
Design Engineer
Division Design Construct – Division Three
North Carolina Department of Transportation

910.341.2000 office
910.675.0143 fax
khkimmel@ncdot.gov

5501 Barbados Boulevard
Castle Hayne, NC 28429



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From: Argenbright, Dean N
Sent: Tuesday, November 7, 2017 7:57 AM
To: Kimmel, Krista H <khkimmel@ncdot.gov>
Cc: Roy Tellier (rtellier@HNTB.com) <rtellier@HNTB.com>; James Byrd <jabyrd@HNTB.com>; McIntyre, Ray <rmcintyre@ncdot.gov>; Leonard, David <dbleonard@ncdot.gov>; Batts, James R <jrbatts@ncdot.gov>
Subject: RE: [External] U-4902D Detour Geotechnical Recommendation

Krista,

Jamey Batts is our Regional Design Engineer. He will be able to provide input for the situation outlined below. I have included him on this response.

Thanks,

Dean N. Argenbright, L.G.
Regional Geological Engineer
Geotechnical Engineering Unit – Greenville Field Office
North Carolina Department of Transportation

252 355 9055 office
dargenbright@ncdot.gov

Mail: P.O.Box 1587
Greenville, NC 27835

Delivery: 1726 N. Memorial Drive



From: Kimmel, Krista H
Sent: Friday, November 03, 2017 2:39 PM
To: Argenbright, Dean N
Cc: Roy Tellier (rtellier@HNTB.com); James Byrd; McIntyre, Ray; Leonard, David
Subject: FW: [External] U-4902D Detour Geotechnical Recommendation

Dean,

Can you please provide feedback and/or a recommendation for the request below?

Thank you,

Krista H. Kimmel
Design Engineer
Division Design Construct – Division Three
North Carolina Department of Transportation

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khkimmel@ncdot.gov

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From: Roy Tellier [<mailto:rtellier@HNTB.com>]
Sent: Friday, November 3, 2017 2:24 PM
To: Kimmel, Krista H <khkimmel@ncdot.gov>
Cc: James Byrd <jabyrd@HNTB.com>
Subject: [External] U-4902D Detour Geotechnical Recommendation

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Hi Krista,

We are looking into ways to minimize drainage impacts on the detour section on U-4902D, and have come up with a solution that we would like to have a Geotech recommendation for.

We would like to know if there any issues with us using a fabric stabilized 2:1 slope for the section indicated on the attached plan sheet. This will allow us to construct a temporary pipe while still maintaining the connection between the existing 24" RCP and 30" RCP while the undercut section is being worked on. The section we are proposing the 2:1 stabilized slope is from approximately station -L- 278+00 to -L- 279+00 (-LDET- 15+40 to -LDET- 16+40)

There is some precedence for this on the R-5021 project in order to avoid temporary shoring, but we just want to make sure we're not potentially causing any other issues. This detour section would in place for around 2-3 weeks while the other side of Market Street is being worked on. I have attached a detail sheet as well as applicable XSC files.

Please let me know if you need any additional information, or have any questions.

Thank you,

Roy Tellier, PE

Transportation Engineer

Direct 919.424.0428 | Office 919.546.8997 | Fax 919.546.9421

■ **HNTB NORTH CAROLINA, P.C.**

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