



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

JAMES H. TROGDON, III  
SECRETARY

July 10, 2017

**ADDENDUM # 2**

To: Plan Holders

From: Jeffrey E. Alspaugh  
Proposal Engineer

DS  
JEA

RE: **Question & Answer**  
Contract ID: DN00287  
County: Transylvania  
Letting Date: July 11, 2017

A bidder has posed the following questions about the sheet pile retaining wall; the answer is shown below it:

**Question:** "I want to get clarification regarding item 0070 – sheet pile retaining wall. This item references section #452 which states that the "sheet pile walls will be measured as square feet of exposed wall face area". Because these piles are integrated into the pile caps, it appears to me that the full depth of the sheet piles will be buried, and therefore not exposed. There is also no detail in the plans that indicate a tip elevation for the sheet piles. From the square feet quantity of sheet piles in the plans, I've extrapolated that the depth is roughly 6-7ft. Is this a correct assumption? If so, will the pay quantity be based on actual Square feet of sheet pile in the ground, and including the portion embedded into the concrete? Please clarify."

**Answer:** "The sheet piling will be paid for as the square footage shown on the engineering estimate. This square footage represents the area between the top of sheet pile to the bottom of the sheet pile. The rough depth of the sheet piling is 6 to 7 feet. Please see the sheet pile recommendation attached."

These revisions do not change bid items or the associated quantities.

Please access ebs addenda files on Bid Express®.

Please insert this letter into the addendum section of the proposal and sign the verification. Thank you for your attention to this matter.



July 3, 2014

RS&H Architects-Engineers-Planners, Inc.  
1520 South Boulevard  
Suite 200  
Charlotte, North Carolina 28203

Attn: Ms. Jennifer Farino, PE

**Re: Geotechnical Report – Sheet Pile Recommendations**

W.B.S. No.: 17BP.14.R.119  
Bridge No.: 870015  
County: Transylvania  
Description: Bridge No. 870015 over Turkey Creek on SR 1511 (Deavor Road)

Terracon Consultants, Inc. (Terracon) has received a copy of the *PRELIMINARY GENERAL DRAWING for Bridge over Turkey Creek on SR 1511 between NC 280 and US 64* prepared by RS&H Architects-Engineers-Planners, Inc. (RS&H), dated 05-2014. We understand that the purpose of the sheet piles is to protect the bridge foundation from scour.

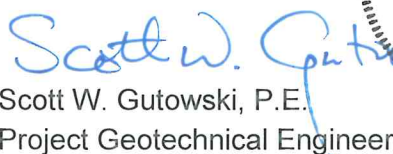
**BRIDGE 870015 – SHEET PILE RECOMMENDATIONS**

	Station	Estimated Sheet Pile Height	Miscellaneous Details
End Bent No. 1	~12+90.00 -L-	7 FT	Sheet Piles = PZ27 Bottom of Cap Elev. = 2119 ft. +/- Est. Avg. Sheet Pile Tip Elev. = 2112 ft. +/-
End Bent No. 2	~13+30.00 -L-	6 FT	Sheet Piles = PZ27 Bottom of Cap Elev. = 2119 ft. +/- Est. Avg. Sheet Pile Tip Elev. = 2113 ft. +/-

We appreciate the opportunity to be of service to you on this project. If you have any questions regarding the recommendations, please contact us at.

Respectfully Submitted,  
**Terracon Consultants, Inc.**

  
David J. Corley, P.E.  
Geotechnical Department Manager

  
Scott W. Gutowski, P.E.  
Project Geotechnical Engineer

