



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

June 9, 2021

**Question and Clarification to Line Items and Special Provisions**

RE: Contract # DE00292

WBS # 5BPR.3.5

F. A. # N/A

**Wake County**

Bridge Deck Repair

**June 23, 2021, Letting**

To Whom It May Concern:

Reference is made to the proposal form furnished to you on this project.

The following question were submitted by a prospective bidder and the Department's clarification response follows.

Contractor question... Line Item 11 - cure times are 4-7 hours. 8-10 hour work window. Contractor must shotblast deck, blow off, apply sealer, broadcast sand, wait to cure and then apply traffic lines.

Department's Response: Line Item 11 "SILANE DECK TREATMENT"

- The cure times that the contractor is referencing is based on their material manufacturers recommendation and will be affected by ambient temperatures.
- Based on the cure times of the material and variance in temperatures, actual work time will be limited and variable, which will affect amount of work that can be conducted during each operation and get pavement markings down. The ICT's per nightly/daily operation is 7 hours per day and 11/9 hours per night. With these constraints, the number lane closures may be required to properly conduct the work.
- The constraints will require work to be staged and conducted in strategic sections.
- Coordination of the pavement markings must take place and will need to be understood by all parties that traffic shall be turned back into work area without the minimum of pre-marking being placed.

*Mailing Address:*  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT  
1573 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1573

*Telephone:* (919) 707-7392  
*Fax:* (919) 250-4127

*Website:* [www.ncdot.gov](http://www.ncdot.gov)

*Location:*  
1020 BIRCH RIDGE DR.  
RALEIGH, NC 27610

- The duration of this contract until June 1, 2022.

Contractor question... Line Item 13 - cure times are 2-5 hours. 8-10 hour work window. Contractor must shotblast deck, blow off, apply silane, wait to cure, and then apply traffic lines.

Department's Response: Line Item 13 "Concrete Bridge Deck Crack Sealing"

- "Note" Structures 138 and 228 are called out to utilize High Molecular Weight Methacrylate (HMWM) treatment materials. This line item is to **treat seal the entire concrete and approach bridge deck surfaces as well as cracks**, in accordance with this special provision. This is also indicated on the plans, or as approved by the Engineer.
- Based on the cure times of the material and variance in temperatures, actual work time will be limited, which will affect amount of work that can be conducted during each operation and get pavement markings down. The ICT's per nightly/daily operation is 7 hours per day and 11/9 hours per night. With these constraints, the number lane closures may be required to properly conduct the work.
- The constraints will require work to be staged and conducted in strategic sections.
- Coordination of the pavement markings must take place and will need to be understood by all parties that traffic shall be turned back into work area without the minimum of pre-marking being placed.
- The duration of this contract until June 1, 2022.

Sincerely,



Michael J. Biedell, PE  
Division 5 Contract Engineer

//mjb

cc: Mr. Tracy Parrott, PE