

**ADDENDUM NO. 5**

**NCDOT STBGDA-1143(017) PROJECT EB-5939  
HICKORY RIVERWALK  
CITY OF HICKORY  
HICKORY, NORTH CAROLINA**

**BID OPENING: October 8, 2020, 2:00 pm local time**

This Addendum No. 5 is issued this **5<sup>th</sup> day of October 2020** to all parties who hold a set of Bidding Documents for the project entitled "NCDOT PROJECT EB-5939 HICKORY RIVERWALK". This Addendum No. 5 becomes a part of the Contract Documents and its receipt shall be acknowledged as follows:

**Bidder shall acknowledge receipt of this Addendum by writing its number and date on the Bid Form. Failure to do so may subject the bidder to disqualification.**

**REMINDERS**

1. Bidders should refer to the McGill Associates bid line for current plan holders' lists and other pertinent information regarding the bid. The website address is [www.mcgillassociates.com/bids](http://www.mcgillassociates.com/bids).

**PLEASE NOTE THE FOLLOWING ITEMS:**

1. The following questions were received prior to the submission deadline, and answers from the structural engineer are provided below:  
  
Q: Note # 7 under Steel on Page S-01 states that Load Carrying Components designed as FCM shall conform to the impact testing requirements , Zone1 There are NO Components Designed as FCM in the drawing . Please clarify  
A: *Please see member schedule on S-07 for elements defined as FCM.*  
  
Q: Note # 6 Plates and other Elements subject to through –thickness stresses and at risk of through –thickness failures or lamellar tearing shall be inspected with Ultrasonic testing. There are none shown on plans , Please clarify  
A: *This note for plate elements with through-thickness stresses applied to plate girder beams and channels. At this point we are exclusively using rolled shapes with plate stiffeners and splice plates. Thus, this note will not apply.*

We have a few Questions regarding the Expansion Joints on the above mentioned project.

- Q: For the same expansion joint detail, S-10 detail 7, what is the size of the plate welded to the strip seal rail on the concrete side?  
A: *Continuous 4" x 1/2"*
- Q: For the expansion joint detail 3 on page S-10, what locations are those used?  
A: *Gridlines 7, 8 and 14 (see 1/S-10)*
- Q: Please provide quantity by bearing type, fixed and pinned, for those shown on page S-20.  
A: *Per S-19, Fixed, 2 and Pinned, 2 (Unit 2)*

We have a few Questions regarding the Structural Steel on the above mentioned project.

Q: Under the Steel heading on the general notes page, note 1 says all structural steel shall be AASHTO M270 Grade 50 and painted with System 1 (IOZ primer + Acrylic Top Coat). Directly beneath that note is note 2 stating that the structural steel shall be AASHTO M270 Grade 50W (weathering steel). Note 4 states that all non-stainless steel (except tension rods and fittings) shall be weathering steel without additional paint.

A: *Note 1 should read, "...shall be AASHTO M270 Grade 50W..." I will also point out the additional specifications provided on S-10 (AASHTO M270-36W).*

Q: Likewise, on the general notes page, note 2 under the

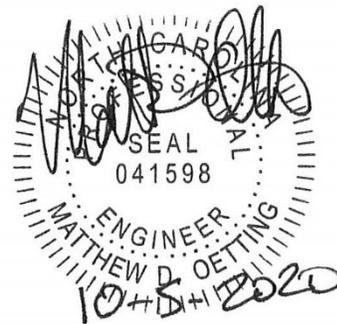
A: *The connection details in sheets S-10 through S-18 indicate various bolt diameters, grade (ASTM A325) and type (N, pre-tensioned). Please use these specific call-outs. ASTM A490 is not called out, typical.*

**MATTHEW D. OETTING, PE**



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**END OF ADDENDUM NO. 5**