

TO Fledge Pawson PREVIOUS NOTIFICATION NO: _____ DATE: _____
PROJECT: Rte 5 Bridge Ext. PROJECT NO: 0005-123-112, C501
OWNER: VDOT
ENGINEER: Adele Temper

The below listed nonconformance work has been re-inspected and the results of the Contractor's corrective actions have placed the work in compliance with the Contract Documents.

Three 8 yd³ loads of A3 hydraulic cement concrete were accepted on the project with air contents below the specification limit of 4%. The field test results were as follows:

<u>Load No.</u>	<u>yd³ delivered</u>	<u>Air Content (%)</u>
1	8	5.2
2	8	4.6
3	8	3.6
4	8	3.9
5	8	4.8
6	8	5.1
7	8	3.5
8	5	4.9

The Local Assistance Project Coordinator met with Churchhill Construction QC staff and has adopted the following corrective action items:

- QC staff will have an approved mix design on hand that defines the acceptable slump and air content ranges before accepting concrete at the project site.
- QC staff will reject all concrete not meeting the air content and slump requirements defined on the approved concrete mix design.
- QC staff will communicate with the concrete producer when rejecting concrete on the project providing the reason for the rejection.
- The concrete will be left in place since the concrete should not experience a saturated freezing/thawing condition.
- Brand X (a silane penetrating sealer from the VDOT Materials Division's Approved List No. 30) will be applied to the entire surface of the concrete structure containing concrete with the low air content in accordance with the manufacturer's recommended application procedures.

Engineer: Adele Temper
Authorized Representative

Date: 2/16/2015

Distribution:

1. Engineer
2. Owner
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