

## POLICY FOR GROOMING AND REPAIR PROCEDURES PRECAST/PRESTRESSED CONCRETE PRODUCTS

- \* Prior to contractor beginning with any non-standard repair work, a NDOR inspector will review any grooming or repair work.
- \* In this document, when the word manual is used, it is referring to the manual for the Evaluation and Repair of Precast, Prestressed Concrete Bridge Products- Precast/Prestressed Concrete Institute (PCI)-Div.03 Concrete-030140.

### STANDARD IMPERFECTIONS REQUIRE GROOMING AND/OR REPAIRS INCLUDE:

1. Cracks less than 0.012 inches (0.30 mm) in width caused by design parameters or standard practices (such as diagonal cracking at the end of girders caused by prestress forces).
2. Spalls that do not expose reinforcement.
3. Irregular top surface finish textures.
4. Honeycombing less than ½ inches in depth and greater than 12 square inches, will require repair according to the manual.
5. Minor air voids about ½ inches in depth and greater than 12 square inches, will require repair according to the manual.
6. Pour lines that show no indication of de-bonding or cold jointing nothing needs to be done.

### NON-STANDARD IMPERFECTIONS INCLUDE:

1. Refer to the PCI's Manual
2. Anything not covered by the PCI's manual shall be approved by the Engineer.

### NON-STANDARD REPAIR MAY COMMENCE UPON THE FOLLOWING:

1. The NDOR inspector(s) notify Contractor QC personnel of existing Non-Standard imperfections. (Or Contractor QC personnel notify NDOR inspector(s) of Non-Standard imperfections.)
2. Contractor will perform the repairs according to the PCI's manual
3. If contractor wants to modify the procedures found in the PCI's manual, must submit a request to Construction Division and Inspector in writing. Approval must be made prior to the beginning of any work.
4. Construction Division will approve in writing via email the submitted procedure or modification to the procedure after consulting Bridge Division.