

**NHDOT Materials & Research, Product Evaluation Unit**

**GROUT USE SPECIFICATION SUMMARY**

| SPECIFIC APPLICATION FOR GROUT USE   | STANDARD SPECIFICATION | APPLICABLE QPL CATEGORY | COMMENTS   |
|--|------------------------|-------------------------|--|
| Anchor rods.   | 550.3.15.4.1(a)        | 550.A                   | -----  |
| Anchoring bridge mounted sign supports ( <i>where no tension is applied</i> ).   | -----                  | 528.A                   | Typically specified by plan note   |
| Bonding between fresh concrete & hardened concrete.  | 520.2.9                | -----                   | See Standard Specification Section 520.2.9.1.  |
| Conduit and duct penetrations  | 614.3.7.3              | -----                   | See Standard Specification Section 707.  |
| Curb anchors.  | 609.3.1.5.1            | 550.A                   | -----  |
| Delineator posts in rock.  | 621.3.1.3              | 550.A                   | -----  |
| Expansion joint anchor bolts.  | -----                  | 550.A                   | Typically specified by plan note   |
| Fresh concrete to hardened concrete.   | 520.2.9                | -----                   | See Standard Specification 520.2.9.1 .   |
| Joints between precast / prestressed voided slabs.   | -----                  | 528.A                   | Typically specified by plan note   |
| Joints for prestressed / precast items.  | 528.2.9.2              | 528.A                   | -----  |
| Leveling screw holes.  | 528.3.22.6.4           | 528.A                   | -----  |
| Mortar for bedding curb (bridge ).   | 609.2.5 & 609.3.1.5    | 550.A                   | -----  |
| Post-construction bridge guardrail anchor bolts, drilled & grouted in addition to existing anchor bolts (existing bolts anchored by plates). | -----                  | 528.A                   | Typically specified by plan note   |
| Precast / prestressed members anchor pockets.  | -----                  | 528.A                   | Typically specified by plan note   |
| Preparation of a foundation on rock.   | 504.3.2.2              | -----                   | See Standard Specification Section 707.  |
| Reconstruction, retrofit, or widening of concrete elements (e.g., footings, wingwalls, abutment, piers, slabs, backwalls, stub walls, etc.)  | -----                  | 550.A                   | Typically specified by plan note. For use when drilling & grouting steel reinforcing bars into existing concrete to connect the new concrete element. ( <i>For applications not requiring a tension or movement capacity connection.</i> ) |
| Roadway signs.   | -----                  | -----                   | No longer needed; application has changed.   |
| Shear key grout for butted beams.  | 528.2.9.1              | 528.A                   | -----  |