STATE OF NEVADA
DEPARTMENT OF TRANSPORTATION

Report of Pull-off Test for Polymer Concrete
Test Method ACI 503R (ASTM C1583)

Contract No: ______________ Project No: ______________________________ Date: ______________

Structure No: ______________ Description of Work: ______________________________ Diameter of Core(s): _____ (inches)

Station	**Distance from Centerline**	**Left or Right**	**Failure Mode** (A,B,C,D)	**Tensile Load** (lbf)	**Surface Area** (sq. inches)	**Tensile Strength** (psi)	**Bond Strength** (psi)	**Percent of Concrete**	**Polymer Thickness** (inches)	**Remarks**

Failure Modes:
- A: Failure in concrete or existing material below the prime coat (substrate) *(No Minimum PSI)*
- B: Failure in the interface between the concrete or existing material and the polymer (prime coat) *(Minimum 250 PSI)*
- C: Failure in the polymer material *(Minimum 500 PSI)*
- D: Failure at the bond line between the polymer and the epoxy adhesive used to bond the pulling disk or cap *(Minimum 500 PSI)*

To determine Surface Area of core: (Diameter of core / 2) = Radius of core //// Then (π x radius of core^2) = Surface Area (square inches)
To determine Tensile/Bond Strength: (Tensile Load (lbf) / Surface Area (square inches)) = Tensile / Bond Strength
Report results as Tensile Strength if a failure mode of A or C are indicated
Report results as Bond Strength if a failure mode of B or D are indicated
Report percent of concrete when performing a test section for Subsection 497.03.05 *(Minimum 50% of failure in concrete at a depth of 1/4" or greater)*

Inspector: ______________________________ Resident Engineer: ______________________________

Distribution: Headquarters Construction, District, Resident Engineer, Materials, Contractor