



TYPICAL FULL DEPTH CONCRETE REPAIR

1. SAW CUT EXPOSED PERIMETER ~E OF PATCHES USING A TILTED BLADE TO PROVIDE A KEYED PATCH.
2. REMOVE LOOSE, DETERIORATED CONCRETE BACK INTO SOUND CONCRETE.
3. MECHANICALLY CLEAN EXPOSED REINFORCING SURFACE OF ALL CONCRETE, SCALES AND RUST. SPLICE NEW BARS TO EXISTING REINFORCING WHERE EXISTING BARS ARE REDUCED IN SECTIONAL AREA MORE THAN 25%. PROVIDE CLASS "C" SPLICE. APPLY ANTI-CORROSION COATING TO NEW REINFORCING BEFORE INSTALLING. ALL REINFORCING TO HAVE A MINIMUM OF ONE-INCH CONCRETE COVER.
4. COAT ALL FORMWORK WITH FORM RELEASE AGENT. SUPPORT ALL STEEL OFF OF FORMWORK WITH PLASTIC TIPPED CHAIRS AND TIE ALL REINFORCING STEEL.
5. FULL DEPTH SLAB AND TO BE 4,000 P.S.I. CONCRETE OR REPAIR MORTAR. SEE SPECIFICATIONS/GENERAL NOTES FOR DESIGN MIX. WET CURE ALL CONCRETE FOR SEVEN (7) DAYS MINIMUM. NO CHEMICAL CURING AGENTS ARE PERMITTED.
6. AFTER PATCH HAS CURED, CLEAN SURFACE OF DIRT AND GRIND EXISTING CONCRETE SURFACE IN AREA ALONG PERIMETER OF PATCH. APPLY A ONE-INCH WIDE LOW VISCOSITY EPOXY SEAL COAT OVER THE PERIMETER COLD JOINT OF THE PATCH WITH A BRUSH. BROADCAST SAND INTO EPOXY. APPLY SAND TO MINIMIZE PONDING OF WATER AROUND AND IN PATCH AREA.