



## **TYPICAL HORIZONTAL CONCRETE REPAIR SECTION**

1. SAW CUT EXPOSED PERIMETER EDGE OF PATCHES USING A TILTED BLADE TO PROVIDE A KEYED PATCH.
2. CHIP AND REMOVE LOOSE, DETERIORATED CONCRETE (CRACKED, DELAMINATED, SPALLED) TO SOUND CONCRETE. WHERE REMOVAL OF UNSOUND CONCRETE EXPOSED MORE THAN HALF THE PERIMETER OF REINFORCING BAR, THE BAR SHALL BE COMPLETELY EXPOSED WITH SUFFICIENT CLEARANCE AROUND THE BAR (3/4" MIN.) TO ENSURE ENCASEMENT AND BOND OF PATCH. SUBSTRATE, INCLUSIVE OF MINIMUM REPAIR MORTAR APPLICATION THICKNESS, IS TO BE PREPARED IN STRICT ACCORDANCE WITH THE REPAIR MATERIAL MANUFACTURER'S INSTRUCTIONS.
3. MECHANICALLY CLEAN EXPOSED REINFORCING SURFACE OF ALL CONCRETE, SCALES AND RUST.
4. PRIME SUBSTRATE SURFACES AS REQUIRED BY THE REPAIR MORTAR MANUFACTURER'S INSTRUCTIONS AND APPLY REPAIR MATERIALS AND CURE IN STRICT ACCORDANCE WITH THE REPAIR MATERIAL MANUFACTURER'S INSTRUCTIONS. ANY DEVIATION FROM THESE RECOMMENDATIONS ARE TO BE SUBMITTED IN WRITING FROM THE MANUFACTURER BEFORE ACCEPTANCE OF THE BID. WET CURE ALL PATCHES.
5. AFTER PATCH HAS CURED, CLEAN SURFACE OF DIRT AND APPLY A ONE-INCH WIDE LOW VISCOSITY EPOXY SEAL COAT OVER THE PERIMETER JOINT OF THE PATCH WITH A BRUSH. BROADCAST SAND INTO EPOXY.