1. REMOVE DAMAGED CONCRETE AND CLEAN STEEL AS PER STANDARD IRI REPAIR METHODS.

2. ENSURE EXPOSED REINFORCING STEEL IS SECURELY FASTENED WITH TIE WIRE TO PROVIDE GOOD ELECTRICAL CONTINUITY.

3. ATTACH GALVASHIELD® XP COMPACT ANODES TO CLEAN STEEL AT AN EVEN SPACING WITHIN THE REPAIR AREA. PLACE THE ANODE AS CLOSE AS POSSIBLE TO THE INTERFACE BETWEEN THE REPAIR AND THE PARENT CONCRETE (WITHIN 4 INCHES (100MM) WHILE STILL ALLOWING THE REPAIR MATERIAL TO ENCASE THE ANODE.

4. GALVASHIELD® XP COMPACT ANODES ARE TO BE INSTALLED PER THE DESIGN DRAWINGS AND SPECIFICATIONS ALONG THE PERIMETER OF THE REPAIR AREA AFTER ALL CHLORIDE CONTAMINATED CONCRETE HAS BEEN REMOVED. ADDITIONALLY, IF ANY CHLORIDE CONTAMINATED CONCRETE REMAINS WITHIN OR BELOW THE REPAIR AREA AND IS IN CONTACT WITH ANY LAYER OF REINFORCING STEEL THEN IT MAY BE NECESSARY TO PLACE GALVASHIELD® XP COMPACT ANODES IN A GRID PATTERN WITHIN THE INTERIOR OF THE REPAIR AREA.

5. TEST ELECTRICAL CONTINUITY OF THE REINFORCING STEEL BEFORE INSTALLATION AND REPAIR AS NECESSARY. TEST ELECTRICAL CONTINUITY OF ANODE CONNECTION TO REINFORCING STEEL AFTER INSTALLATION. A DC VOLTAGE MEASUREMENT OF ≤1mV CONFIRMS GOOD CONTINUITY.

6. POUR BACK REPAIR AREA WITH COMPATIBLE REPAIR MATERIAL AS PER PROJECT SPECIFICATIONS.
INSTALLATION STEP #1

1. Feed one wire over rebar.
2. Place anode parallel to and snug against the rebar.
3. Feed one wire under rebar.

INSTALLATION STEP #2

1. Feed one wire over rebar.
   - Wrapping one full revolution outward from anode and then to back of rebar as shown.
   - Under rebar.

INSTALLATION STEP #3

1. Feed one wire over rebar.
   - Wrapping one full revolution outward from anode and then to back of rebar as shown.
   - Under rebar.

INSTALLATION STEP #4

1. Clean reinforcing steel (rebar).
2. Clean reinforcing steel (rebar).
3. Bend twisted wires against the rebar.
4. Galvashield XP Compact Anode (64mm x 31mm x 25mm)

GALVASHIELD® XP COMPACT ANODE (64MM X 31MM X 25MM)

Anode Orientation Note: Anodes may be installed as shown with the wider side on the bottom, or may be rotated 180-degrees to have the wider side at the top.

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6/12/23
S.Y.
1. ALTERNATE INSTALLATION AT REBAR INTERSECTION

SCALE: 3:4

**ANODE ORIENTATION NOTE:** Anodes may be installed as shown with the wider side on top, or may be rotated 180-degrees to have the wider side at the bottom.

GALVASHIELD® XP COMPACT ANODE (64mm x 31mm x 23mm)

FEED WIRES OVER & UNDER BARS AS SHOWN. TWIST WIRES TIGHT & TEST CONTINUITY PER STEPS ON CP 1.1.

CLEAN REINFORCING STEEL (REBAR)

OVER REBAR

UNDER REBAR

2. SECTION AT ANODE

SCALE: N.T.S.

GALVASHIELD® XP COMPACT ANODE (64mm x 31mm x 23mm)

CLEAN REINFORCING STEEL (REBAR)

ANODE WIRE WRAPPED OVER REBAR

ANODE WIRE WRAPPED UNDER REBAR (AT OPP. END OF ANODE)

ANODE WIRES TWISTED TIGHT TO REBAR W/ A WIPE HOOK TOOL AND THEN BENT DOWN TO REBAR PER SHEET CP 1.1

WIRE HOOK TOOL