### General Notes

1. **Remove damaged concrete and clean steel as per standard DCI repair methods.**
2. **Ensure exposed reinforcing steel is securely fastened with tie wire to provide good electrical continuity.**
3. **Attach Galvashield XPT anodes to clean reinforcing steel at an even spacing within patch area, or as outlined in project specifications.**
4. **Galvashield XPT 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 XPT 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 ≤1V confirms good continuity.
6. **Pour back repair area with compatible repair material as per project specifications.**

---

### Diagram

- **SECTION VIEW**
- **GALVANIC ANODE INSTALLATION DETAIL**

**Diagram Notes:**

- **Concrete Patch Material**
- **Concrete Surface**
- **Existing Substrate**
- **Galvashield XPT Anode** (See Sheet CP2.1 for installation instructions.)

---

**Vector Corrosion Technologies**

8413 Laurel Fair Circle
Ste 200A
Tampa, FL 33610

**Phone:** 813-830-7566

**Website:** Vector-Corrosion.com
1. INSTALLATION STEP #1
- Feed one wire over rebar
- Place anode parallel to and snug against the rebar

2. INSTALLATION STEP #2
- Feed one wire
- Clean reinforcing steel (rebar)
- Wrap one full revolution outward from anode and then to back of rebar as shown

3. INSTALLATION STEP #3
- Clean reinforcing steel (rebar)
- Twist the wires together and then twist tighten with a wire hook until all wire is tight to the rebar. Then confirm wires are continuous to rebar using a multimeter.

4. INSTALLATION STEP #4
- Clean reinforcing steel (rebar)
- Bend twisted wires against the rebar

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.
1. ALTERNATE INSTALLATION AT REBAR INTERSECTION

SCALE: N.T.S.

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.

2. SECTION AT ANODE

SCALE: N.T.S.