FDOT WALKWAY

JACKSONVILLE, FL

Slip Resistant Galvanized Steel Expansion Joints Create a Permanent Safety Solution

THE SITUATION

A leading General Contracting, Civil Construction, Construction Management and Design Build Contracting company was directed by the Florida Department of Transportation (FDOT) via the CEI Engineer to design, manufacture and install expansion joint plates that met the criteria specified per Standard Index 21110. The plate was not required in the original plan, nor was it required by the ADA guideline. FDOT requested the slip resistant plate as an added safety measure.

THE SOLUTION

An engineering firm designed the plates at the general contractor's request. The plates were designed according to specifications and quotes were requested from various manufacturers. *Slip*NOT® steel plate was chosen for the project and shop drawings were produced and approved by FDOT. *Slip*NOT® provided 1/4" x 15" x 108" A572-50 steel plates for the project. By forming the plates to exact drawings, the general contractor and FDOT could easily install the finished product without having to worry about further fabrication in the field.

Since the plates were going to be used for expansion joints, the steel would have to be galvanized or painted to protect against rust and corrosion. Ultimately, FDOT decided to galvanize the expansion joints. *Slip*NOT® galvanized products are durable, rust and corrosion resistant and have an unmatched surface hardness.

THE IMPACT

*Slip*NOT® expansion joints provide a permanent slip resistant solution for FDOT and other DOT's across the country for use in their road projects. Each *Slip*NOT® product has an unparalleled file hard surface that retains traction while completely submerged in oil, water or other fluids. Galvanized expansion joints coated with the *Slip*NOT® coating instantly create a safe surface for vehicular and pedestrian traffic that can withstand the elements subjected to it.

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