

PROJECT PROFILE

**ANY SIZE.
ANY SHAPE.
ANY HEIGHT OR DEPTH.**

LOCATION: FRIDLEY, MN | USA

PRECASTER: HANCOCK CONCRETE PRODUCTS

RAILROAD PEDESTRIAN UNDERPASS



THE SITUATION:

In the construction of a railroad line, the design required a watertight pedestrian underpass. Therefore, the box culverts that were used to construct this pedestrian underpass required a sealant that could meet the project specifications.

THE SOLUTION:

To provide a watertight seal between box culverts, CS-102 butyl sealant was used. 24" wide ConWrap CS-212 was used to prevent water and soil going into the joint. In addition, 48" wide ConWrap CS-212 was used to provide corrosion resistance and added waterproofing to help insure a watertight pedestrian underpass to meet the project specifications.

SEALANT APPLICATION:

BOX CULVERTS

APPLICABLE INDUSTRY STANDARDS:

ASTM C-990

ASTM C-877 TYPE III

PRODUCTS USED:

CS-102

BUTYL RUBBER SEALANT

CS-212

**POLYOLEFIN BACKED
EXTERIOR JOINT WRAP**