



INTERNAL PIPE

HydraTite®

JOINT SEAL

Market
DOT

Challenge

The challenge was to find an economical and efficient solution to eliminate joint separation and infiltration at the 60" twin culverts.

Engineered Solution

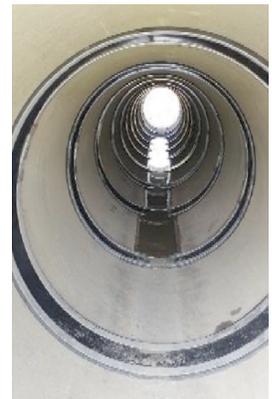
To eliminate infiltration the HydraTite internal joint seal was proposed as a solution. The HydraTite is a repair product utilized with several DOT'S as a long-term repair solution.

Scope

This project consisted of installing (20) 60" HydraTite internal joint seals within the twin culverts under State Route 116 to eliminate infiltration and joint separation. Removal of debris and concrete prep work was required before installation. Installation was accomplished in only two days during the summer of 2017.

Solution

The crew and all materials entered through the open ends and there was no above-ground disruption to the traffic as the seals were installed. This trenchless repair was performed at a fraction of the price and inconvenience of full replacement. The finished product will prevent any further joint infiltration, separation, or sinkholes.



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