

# Manhole Sewer Rehab Infiltration Patterson, NJ



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> <li>• Ground water infiltration of 450LF annular space slip lined 72" wastewater horizontal pipe.</li> <li>• 54 gallon per day waste flow.</li> <li>• Manholes are 30' below high volume three lane highway.</li> </ul>	<ul style="list-style-type: none"> <li>• Overnight install with one lane closure.</li> <li>• Specialized tripod rigging, air monitor, forced air system, and special PPE.</li> <li>• Platform installed over the opening of the horizontal sewer lines.</li> <li>• Three manhole bulkheads and 1 brick wall sealed in a single shift</li> </ul>	<ul style="list-style-type: none"> <li>• Pre con with Passaic Valley Sewer Commission, Charles Manganaro Consulting Engineering, Cruz Contractors.</li> <li>• Paterson Police Department</li> </ul>	<ul style="list-style-type: none"> <li>• <b>No Daytime Traffic Delays:</b> All work performed in less than one overnight shift.</li> <li>• <b>Result:</b> All 3 manholes bulkheads and 15LF of 48" brick wall sealed.</li> </ul>