

OSU Bus Loop Pavement Repair

Columbus, OH



Project Challenges	Solution	Support	Outcome
<ul style="list-style-type: none"> Lift and stabilize the concrete roadway back to grade Maintain traffic Previous cementitious mudjacking had failed under the traffic load Coordinating with the University, general contractor and the managing engineering firm 	<ul style="list-style-type: none"> Stabilize and lift the concrete road panels back to grade using high density polyurethane and the Deep Injection® Process Perform DCP soil testing to determine the injection pattern Injections made at the 4 o'clock positions 	<ul style="list-style-type: none"> Ground Works designed the injection process using a hydrophobic 2-part 486 Star HDP material Ride-able on State Contract Utilized the ODOT / FHWA granted PIF (Public Interest Finding) specification 	<ul style="list-style-type: none"> Problem Solved: Installation resulted in stabilized and lifted pavement system improving ride-ability Quick Installation: 3 day installation and met needs of OSU Cost Effective: Project was completed with virtually no traffic disruption Project was estimated to be ~10% of the remove and replace cost