



**ALABAMA DEPARTMENT OF TRANSPORTATION**

EAST CENTRAL REGION  
ALEXANDER CITY AREA  
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Kay Ivey  
Governor

John R. Cooper  
Transportation Director

March 19, 2024

Mr. George Conner, P.E.  
Deputy Director of Operations and Contractor Relations  
Alabama Department of Transportation  
1409 Coliseum Blvd  
Montgomery, AL 36110

RE: Sole Source – URETEK 486Star Injection Tube Countersinking on AL77 at MP 88.78

Dear Mr. Conner:

I hereby declare to the best of my knowledge that URETEK USA, Inc is the sole provider of injection tube countersinking using the URETEK 486Star polymer in the state of Alabama. URETEK USA, Inc uses its proprietary polymer product, URETEK 486Star, to fill voids, stabilize soils, and lift structures that are supported by soils.

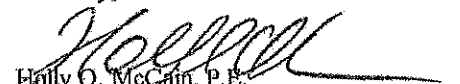
The East Central Region Alexander City Area needs to use the URETEK USA, Inc process and products to lift the subsided bridge approach slab on the south end of the bridge located on AL77 at MP 88.78 (BIN 8398). Due to the need to lift the slab and protect against high-moisture content, the URETEK 486Star product is needed due to its ability to expand and cure quickly as well as provide lasting results. The URETEK 486Star polymer is hydro-insensitive and provides the ability to maintain dimensional stability when the 2 polymer components are mixed, even in moist or conditions. URETEK 486Star also passes ASTM-2842 testing for water absorption of cured polymers.

The Area has had previous permanent repairs to slabs and culverts completed using this same method with positive results in that structures have remained stable and withstood elements such as water intrusion, pumping, and heavy traffic. Some projects completed within the Alexander City Area using the URETEK Method include slab stabilization on US280 at MP 41.9, AL21 at MP 213.6, and I20 at MP 203.3. All of these locations have remained stable for over 10 years. Also, an undermined triple-barrel culvert repair was conducted on AL22 in 2003, and this structure has been free from problems such as water intrusion and pumping since 2003 when the work was conducted.

In addition to the above benefits, the URETEK Method is also minimally invasive as well as quick to completion. The URETEK 486Star polymer material sets rapidly which means that crews and the traveling public are not exposed to a work zone and adverse conditions for as long as compared as to other methods.


No other vendor can provide the URETEK Method and URETEK 486Star products. To the best of our knowledge no other business entity has the legal right to sell, deliver or solicit the sale of this product within the State of Alabama.

Sincerely,

  
Holly O. McCain, P.E.  
Area Maintenance Engineer  
East Central Region – Alexander City Area

OK  
②

Approved:

  
George H. Conner

Deputy Director, Operations

This approval expires on: 4.1.2025

HOM:hom

Cc: File – Area Maintenance 2024 Purchases



March 20, 2024

Mr. George Conner  
Deputy Director of Operations and  
Contractor Relations  
Alabama Department of Transportation  
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Dear Mr. Connor:

This is to certify that URETEK USA, Inc. (URETEK) holds the exclusive license under U.S. Patent No. 10,465,355 B2 (Injection Tube Countersinking) dated November 5, 2019. URETEK is the sole source provider in the United States and its territories for utilizing the injection tube countersinking process.

URETEK has not and will not train, license, or equip any party outside of URETEK to distribute, resell, or perform the injection countersinking process in the injection of structural polymers to stabilize soils and lift subsided pavements.

Sincerely,

URETEK USA, Inc.

Robert D. Emfinger