

Plan to Reopen Stateline Drive to Traffic

Task	Cost	Goal
<p>5/21/18 BOC Meeting</p>		<p>Under Emergency Conditions, approve a “not to exceed total” of \$25,000 for slope stabilization and phase I exploration as recommended by geotechnical engineer’s observation letter and proposal</p>
<p>Contract with Heavy Constructors Of Arkansas</p> <p>Remove all soil that has filled the area that was previously excavated to release built-up pressure from the road. Rip rap should be placed on top of the exposed limestone starting adjacent to the pavement. Rip rap will be pushed/placed upslope and stacked approximately two layers in thickness for interlocking and confinement. The ditch will be excavated adjacent to the road and extending downhill to the east to promote draining water away from the slope failure area.</p>	<p>\$7,000 ~ \$10,000</p>	<p>Primary goal is to continue protecting the road, water and sewer infrastructure.</p> <p>Provide enough stabilization to reopen Stateline Drive to traffic and create a safe working environment to conduct further geotechnical testing.</p>
<p>Contract with GTS, Inc.</p> <p>Field Exploration – Phase I – Hand Auger Borings</p> <p>Perform field exploration using hand auger borings and collect bulk samples where the soils are exposed. Samples will be collected from the boring cuttings. Testing of the subgrade soils will consist of performing dynamic cone penetrometer (DCP) tests in approximate 1-foot intervals in the borings. Observe and record groundwater levels. Install temporary piezometers in some of the borings</p>	<p>\$9,000</p>	<p>Area will be monitored to ensure that rip rap mitigation is adequate</p> <p>Provide additional recommendations for slope stabilization after field exploration, laboratory testing and slope stability analyses are performed</p>
<p>Work Order with Engineering Services, Inc. (ESI).</p> <p>Provide an accurate topographic survey</p>	<p>?</p>	<p>Necessary for slope stability analyses and for developing recommendations for mitigation alternatives.</p>
<p>Reopen Stateline Road to Traffic</p> <p>Safety conference between ESI Engineer, District Manager, Fire Chief, and Road Superintendent to decide if road is safe for traffic to resume.</p>		<p>Reopen to traffic by July 1, 2018</p>
<p>Evaluate area for additional mitigation or exploration</p>		