

**From:** Sheets, Mike - Purchasing <[William.M.Sheets@wv.gov](mailto:William.M.Sheets@wv.gov)>  
**Sent:** Friday, March 5, 2021 10:09 AM  
**To:** Kilpatrick, Robert P <[Robert.P.Kilpatrick@wv.gov](mailto:Robert.P.Kilpatrick@wv.gov)>; Whittaker, Frank M <[Frank.M.Whittaker@wv.gov](mailto:Frank.M.Whittaker@wv.gov)>  
**Cc:** Pettrey, Melissa K <[Melissa.K.Pettrey@wv.gov](mailto:Melissa.K.Pettrey@wv.gov)>; Jones, James R <[James.R.Jones@wv.gov](mailto:James.R.Jones@wv.gov)>; Totten, Mark L <[Mark.L.Totten@wv.gov](mailto:Mark.L.Totten@wv.gov)>  
**Subject:** RE: Emergency Purchase Order Request -

Bob,

Your emergency is approved. Please follow emergency purchasing procedure as found in the Handbook and follow up with documentation for award within 30 days.

Regards,

W. Michael Sheets

Director

WV Purchasing Division

2019 Washington Street, East

Charleston, WV 25305

Phone: (304) 558-0492

Fax: (304) 558-4115

**From:** Kilpatrick, Robert P <[Robert.P.Kilpatrick@wv.gov](mailto:Robert.P.Kilpatrick@wv.gov)>  
**Sent:** Friday, March 5, 2021 9:51 AM  
**To:** Sheets, Mike - Purchasing <[William.M.Sheets@wv.gov](mailto:William.M.Sheets@wv.gov)>; Whittaker, Frank M <[Frank.M.Whittaker@wv.gov](mailto:Frank.M.Whittaker@wv.gov)>  
**Cc:** Pettrey, Melissa K <[Melissa.K.Pettrey@wv.gov](mailto:Melissa.K.Pettrey@wv.gov)>; Jones, James R <[James.R.Jones@wv.gov](mailto:James.R.Jones@wv.gov)>  
**Subject:** Emergency Purchase Order Request -

Mike:

In completing a recently awarded Agency-delegated project to correct and backfill a sinkhole which had developed outside the West Wing of the Main Capitol, near the intersection with what was once Duffy Street (now the sidewalk between the Governor's Mansion and the Main Building), we discovered failure in the storm/sewer drain pipe running from the West Wing out to Greenbrier Street. While the area was excavated as part of the small project, and after we had discovered the exact location of the buried storm/sewer piping, we enlisted the aid of the Charleston Sanitary Board to perform a video camera investigation of the portion of the storm/sewer immediately below our sinkhole site. We flooded our excavated jobsite during this investigation and clear indication that water was carrying soil and sediment from our site directly into the combined storm/sewer drains, through fractures which have developed over the long life of the piping (originally built prior the building of the Capitol Building, over 100 years old), specifically in joints that connected lengths of the drain piping.

We began researching means by which the problem could be addressed in minimally invasive yet cost-effective manner and settled on using a cured-in-place-piping (CIPP) system, in essence a chemical-infused fabric sleeve blown into the existing drain lines then cured in place to serve as new structure for the failed piping. Our intent was to attempt to bid this project out using specifications developed through our market research.

However, recent flooding has resulted in the development of new sinkhole further west along the drain line, closer to the Governor's driveway. We anticipate that the cause prevails, that failed piping (or specifically pipe joints) is resulting in the same, catastrophic leeching of soil carried by groundwater entering the drain through these fissures. Without immediate attention, our fear is that this newly forming sinkhole will cause significant damage to either the parking lot area of the Governor's Drive or the sidewalk to its immediate north, and that further sinkholes will continue to develop along the path of this branch drain line. We have no reason to think that the piping has not, in essence, reached the end of its useful life (without addressing it in some manner), as indicated by what we believe to be at least two successive failures of its joints.

With your approval, we are prepared to solicit **emergency** bids to have the drain line, from where it exits the West Wing to where it terminates at Greenbrier Street, lined with a cured-in-place piping system. Our research indicates that a single mobilization to address the continuous section of drain line is the most cost-effective means by which the relining of the drain pipe can be addressed. Our research to-date also indicates a cost of approximately \$120,000.00. However, there are certain factors that could come into play as we have a contractor perform the full camera investigation of the continuous section, such as the presence of tree roots, lateral drain lines entering this main branch (the area was a residential neighborhood prior to it being incorporated into the Capitol Campus).

We hope to avoid having to expend resources and funding on addressing more sinkholes than what could be quickly prevented by installation of a structured pipe liner.

Please let us know of your approval as soon as possible, or if you have any questions...we're prepared to immediately address this situation.

Thanks

Bobk

Robert P. Kilpatrick, Business Manager

WV Department of Administration

General Services Division

112 California Avenue, 5<sup>th</sup> Floor

Charleston, WV 25305

Office: (304)957-7132

Cell: (304)382-3457