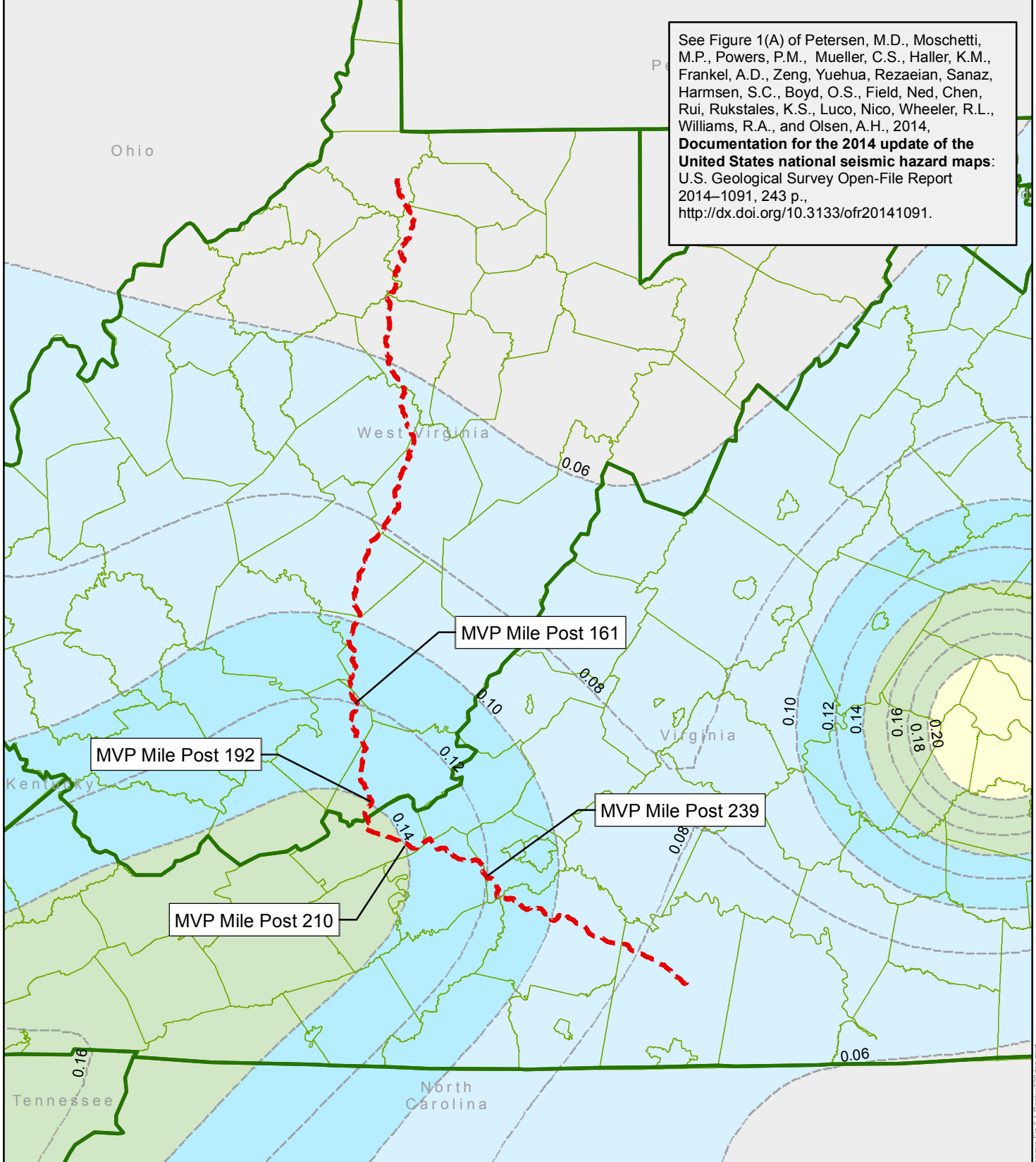


See Figure 1(A) of Petersen, M.D., Moschetti, M.P., Powers, P.M., Mueller, C.S., Haller, K.M., Frankel, A.D., Zeng, Yuehua, Rezaeian, Sanaz, Harsen, S.C., Boyd, O.S., Field, Ned, Chen, Rui, Rukstales, K.S., Luco, Nico, Wheeler, R.L., Williams, R.A., and Olsen, A.H., 2014, **Documentation for the 2014 update of the United States national seismic hazard maps:** U.S. Geological Survey Open-File Report 2014-1091, 243 p., <http://dx.doi.org/10.3133/ofr20141091>.



<b>Mountain Valley Pipeline</b>		NAD 1983 UTM 17N	1:2,000,000	0 25 Miles
		<i>All Locations Approximate</i>		
<b>Figure 6.1: Probabilistic Peak Ground Acceleration</b>		<b>Legend</b> Seismic Hazards Peak acceleration, expressed as a fraction of standard gravity (g) with 2% probability of exceedance in 50 years. $V_{S30} = 760$ m/s.		
01-30-17 Draper Aden Associates Engineering • Surveying • Environmental Services		0.04 0.06 0.10 0.14 0.20		
<a href="http://dx.doi.org/10.3133/ofr20141091">http://dx.doi.org/10.3133/ofr20141091</a>		--- MVP December 2016 Proposed Route		

Document Path: P:\1410016\1410016\_1410016\_Shape\_NonArcSemicSeismic\_Pg 01 - Peak\_V500sec.mxd