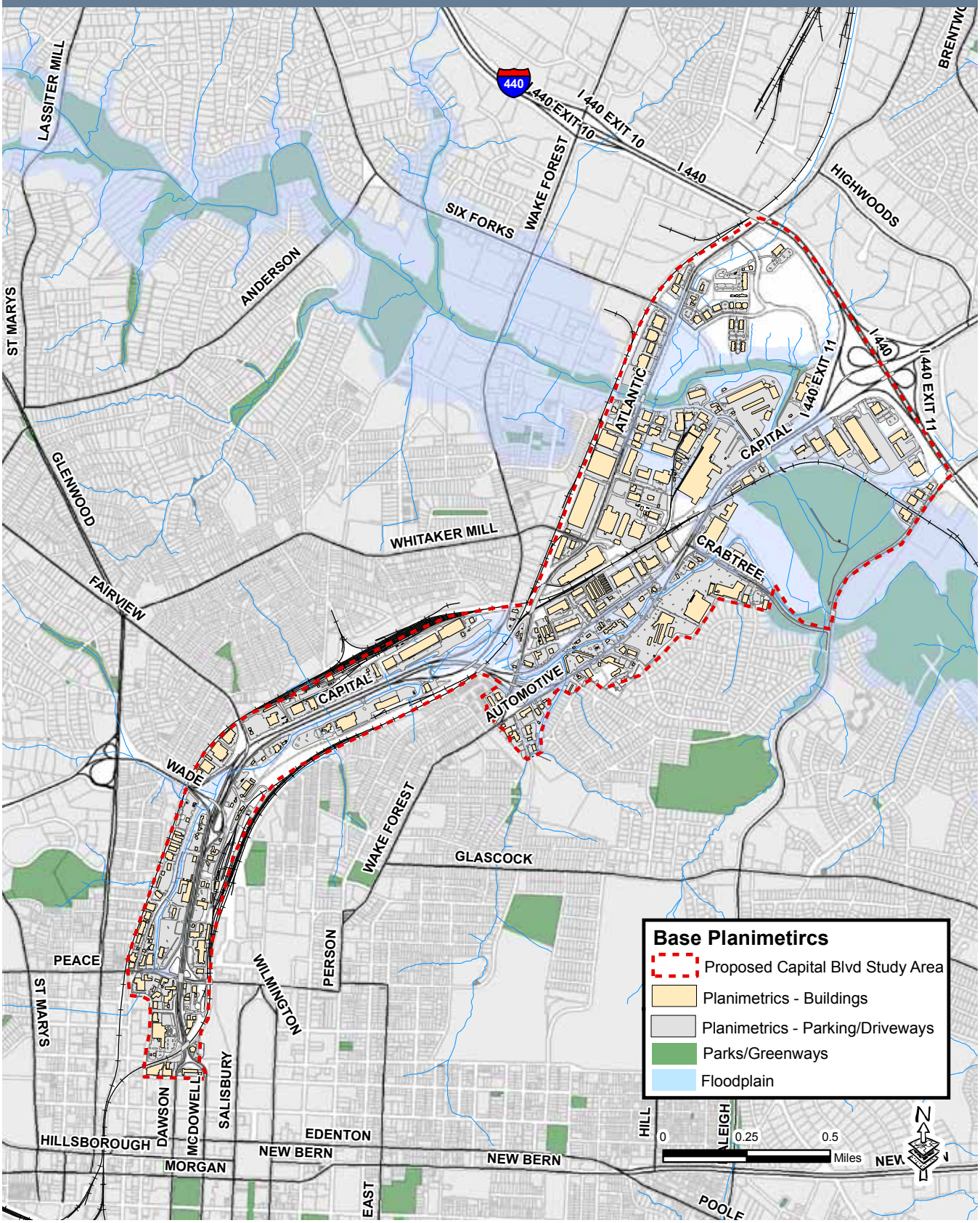BASE PLANIMETRICS