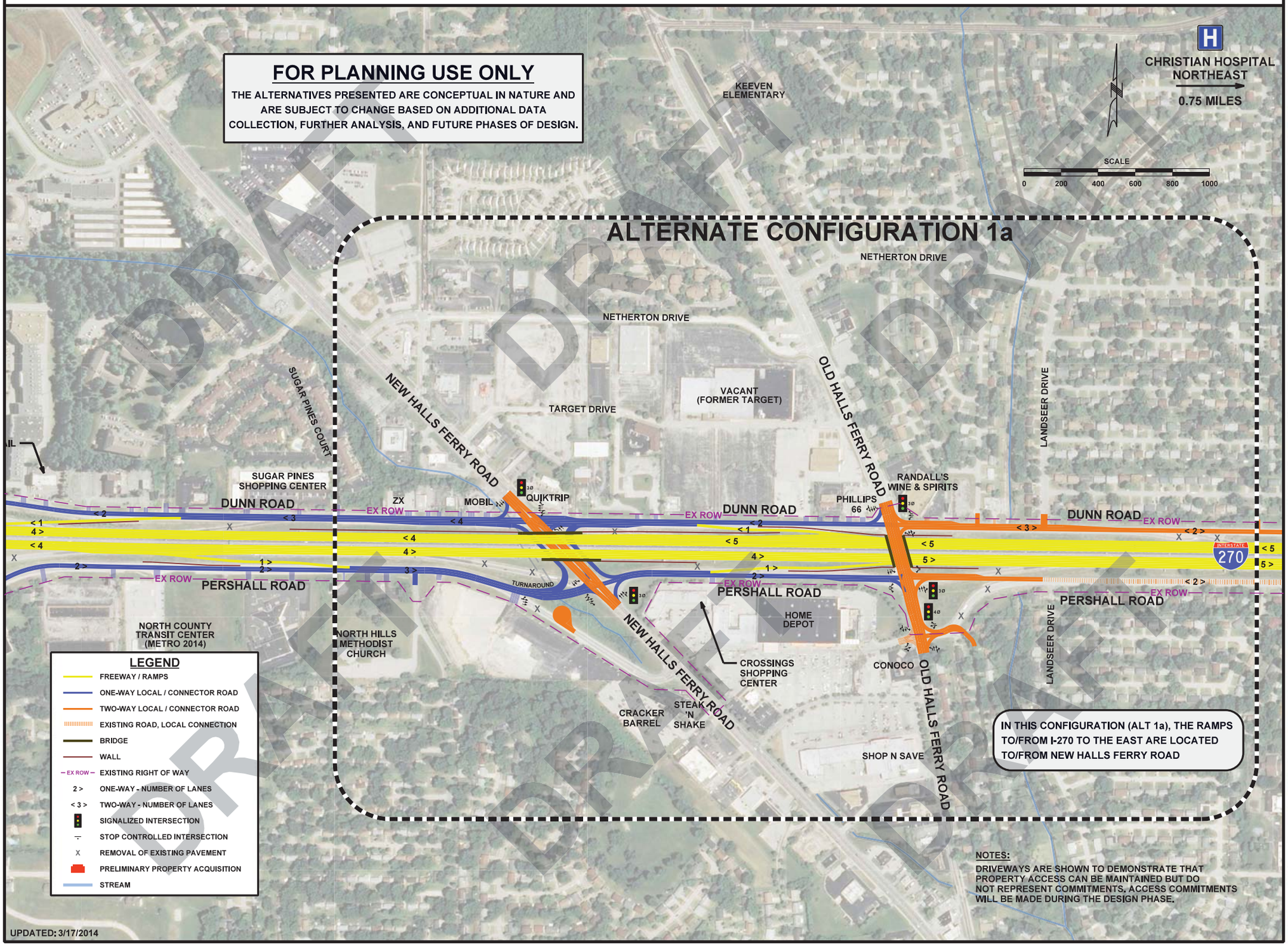ALTERNATE CONFIGURATION 1a