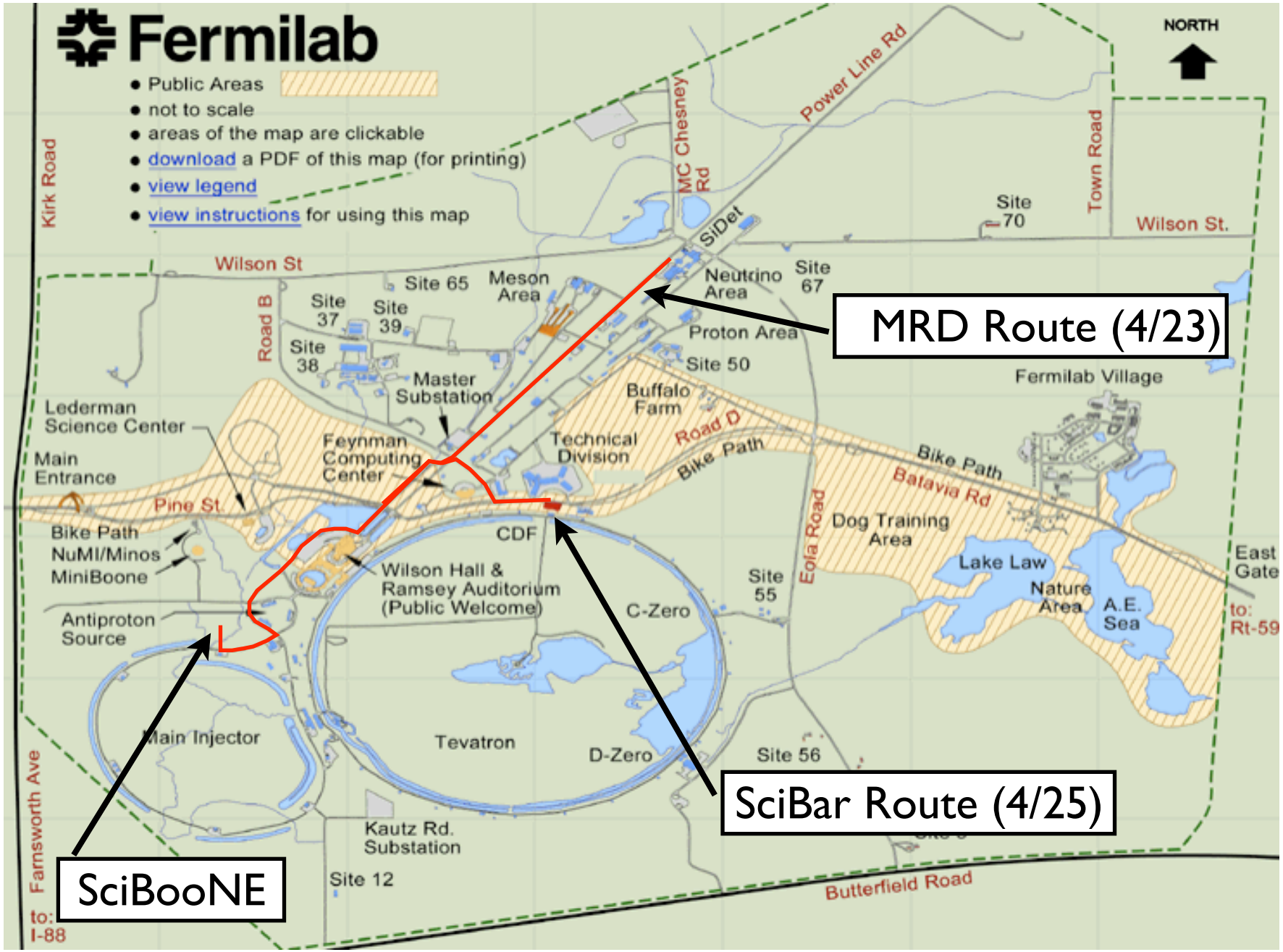Detector Routes