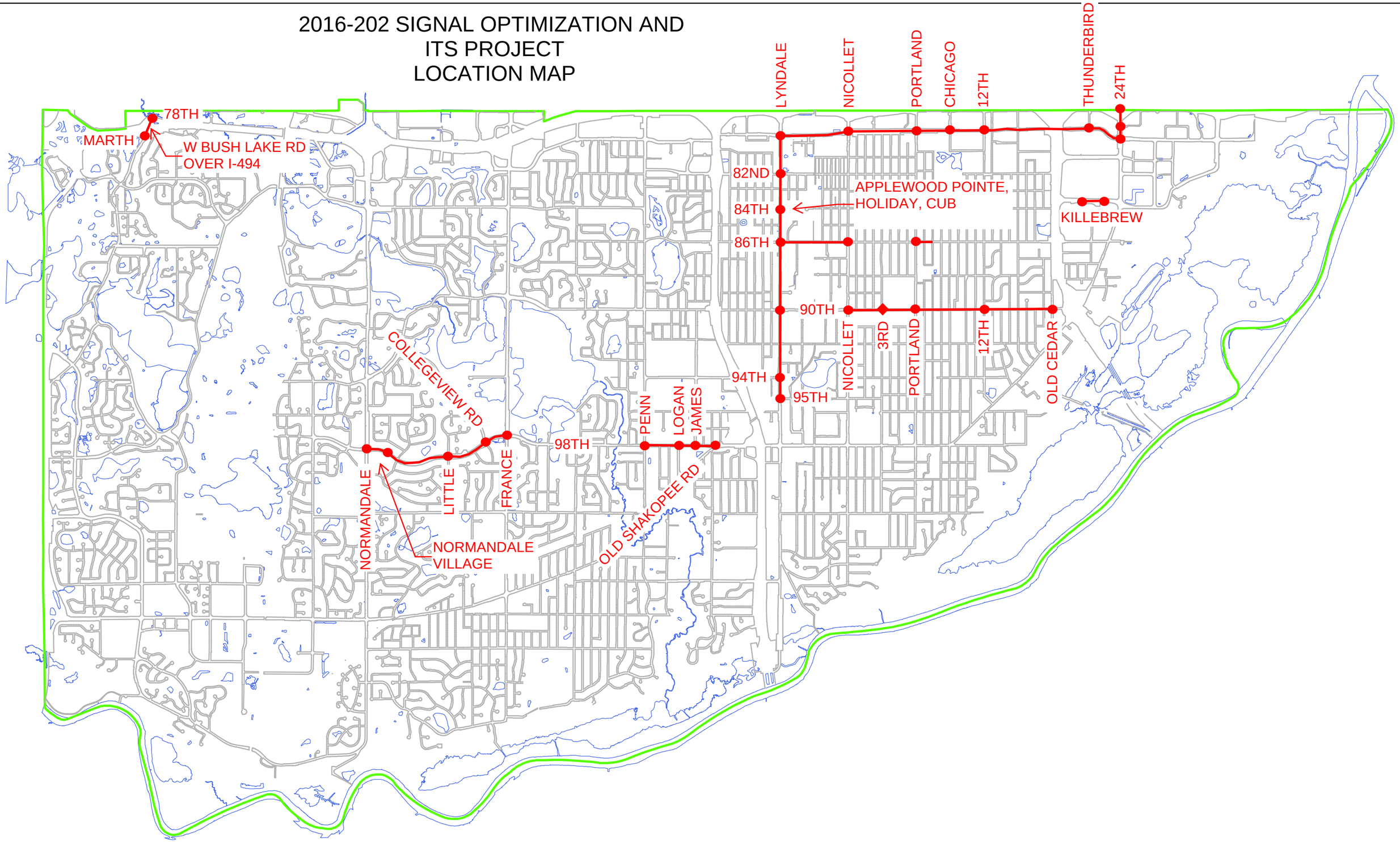2016-202 SIGNAL OPTIMIZATION AND ITS PROJECT LOCATION MAP