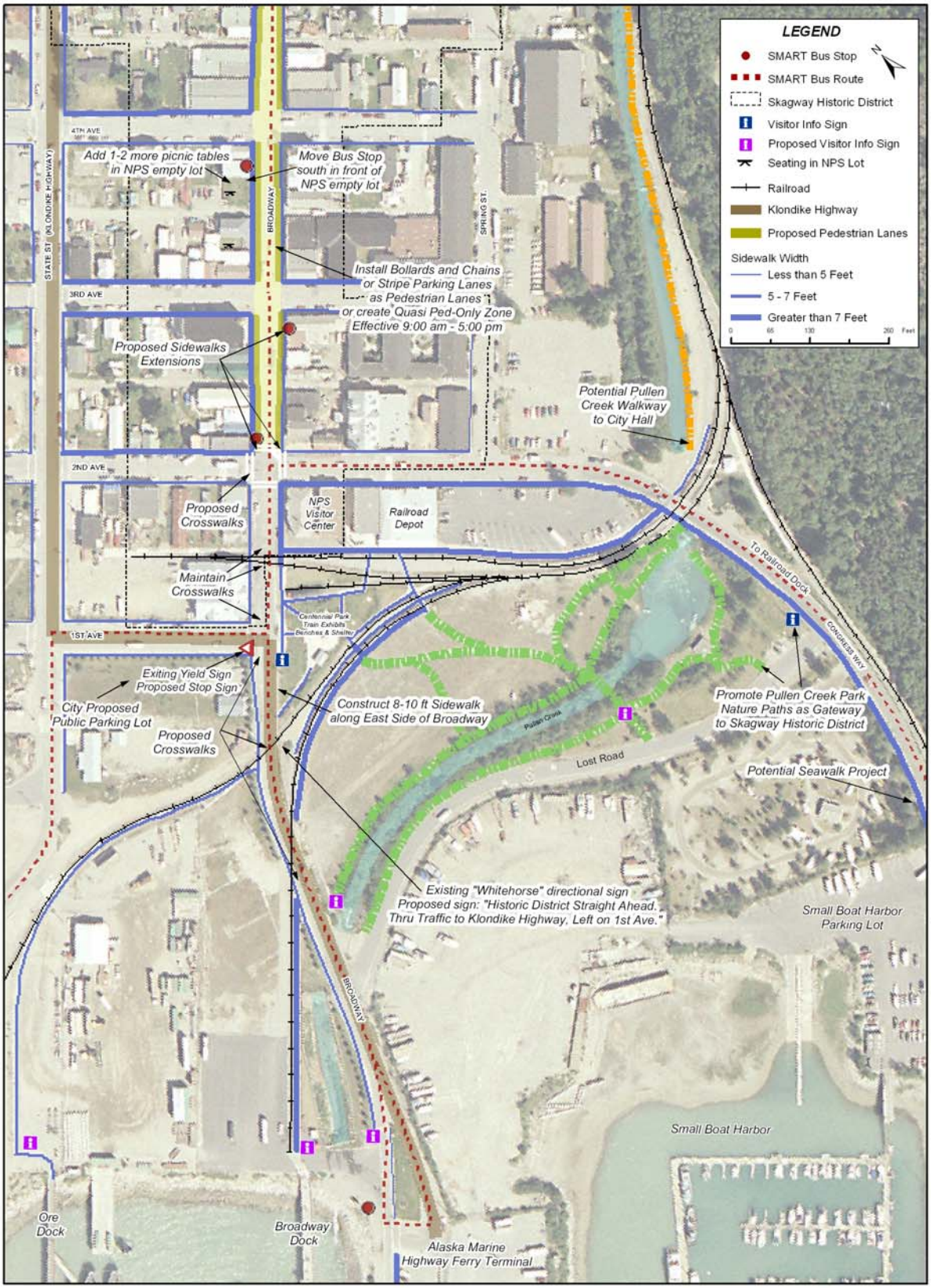FIGURE 11: PROPOSED IMPROVEMENTS