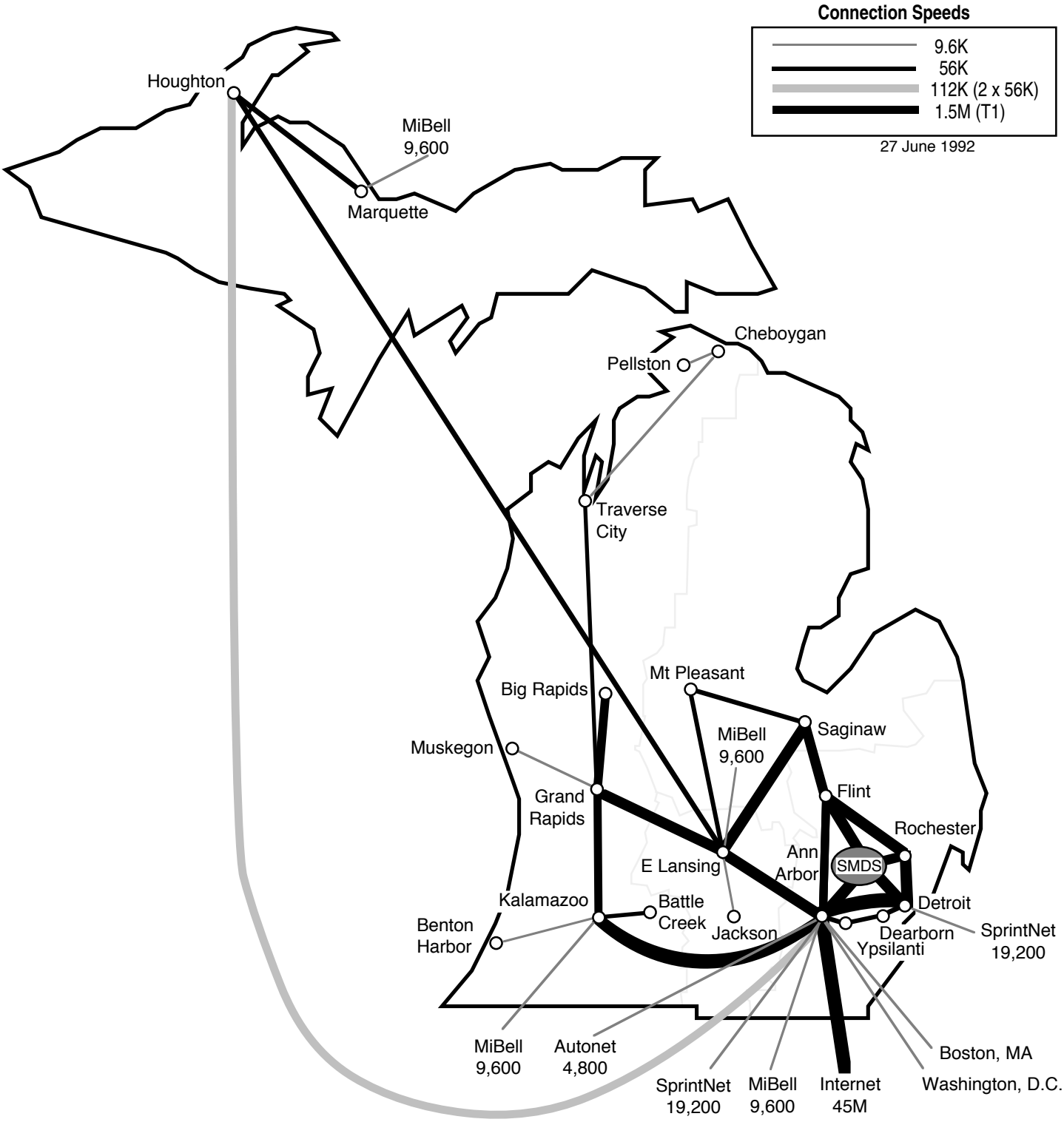MichNet Backbone Upgrade