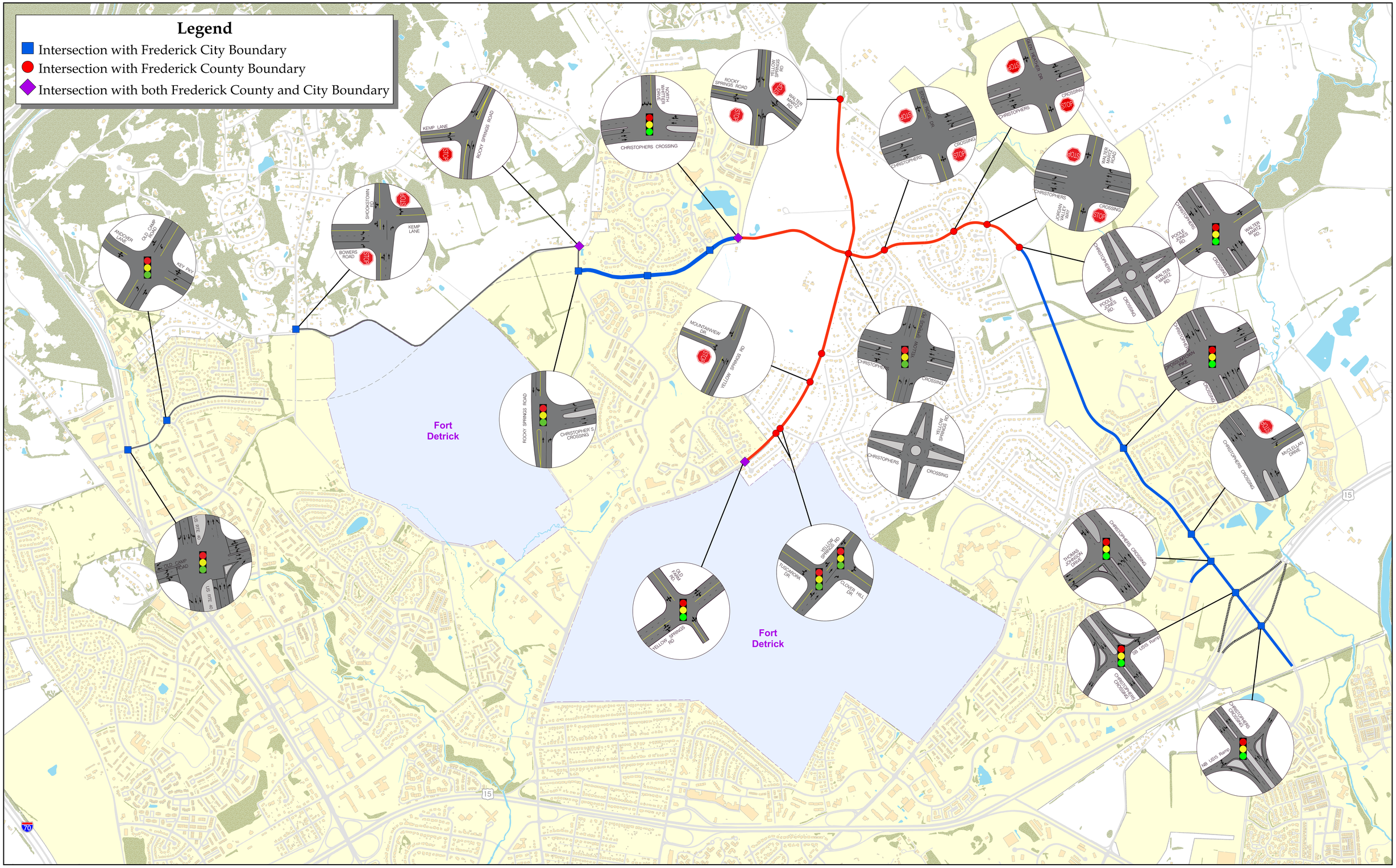2018 Recommended Improvements