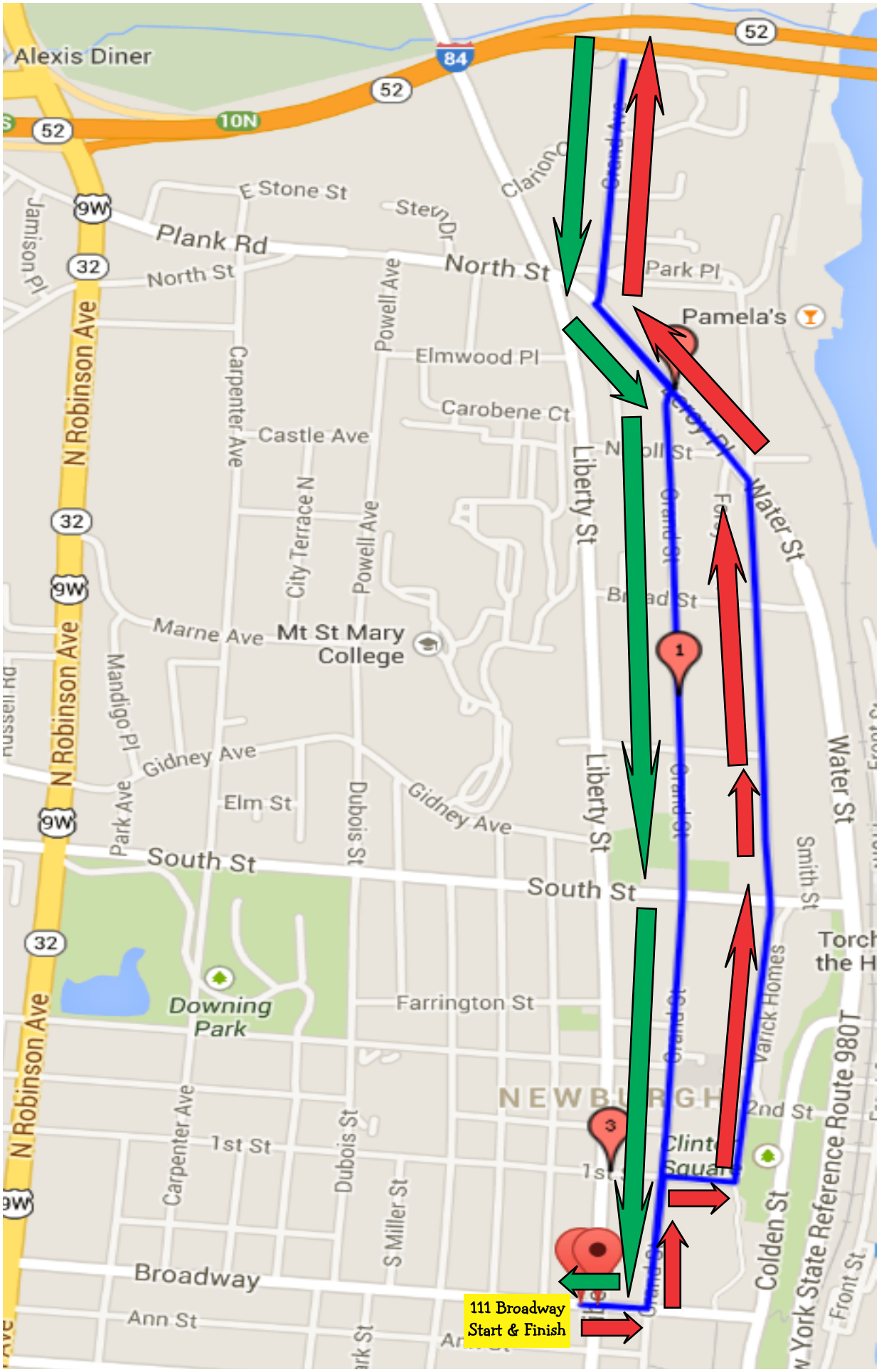
1st half of course

2nd half of course