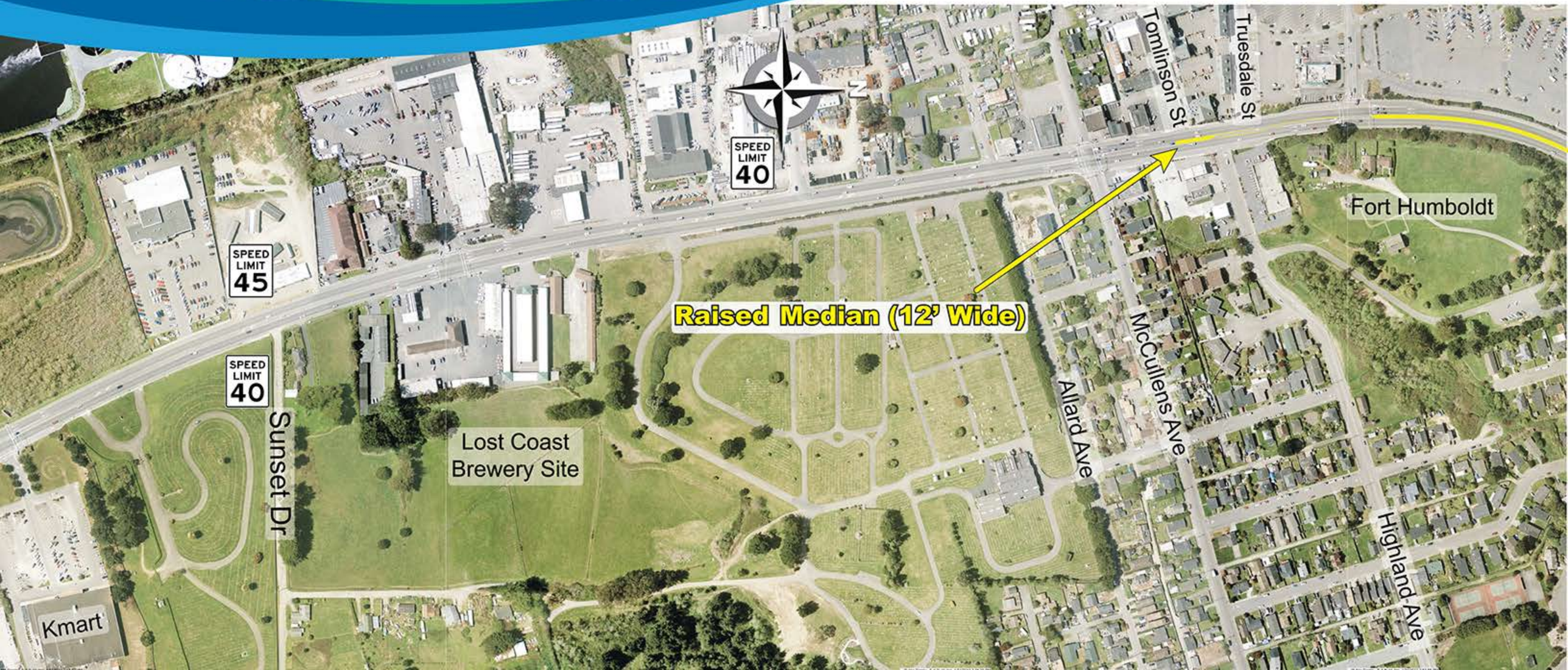SCENARIOS 3 THROUGH 6