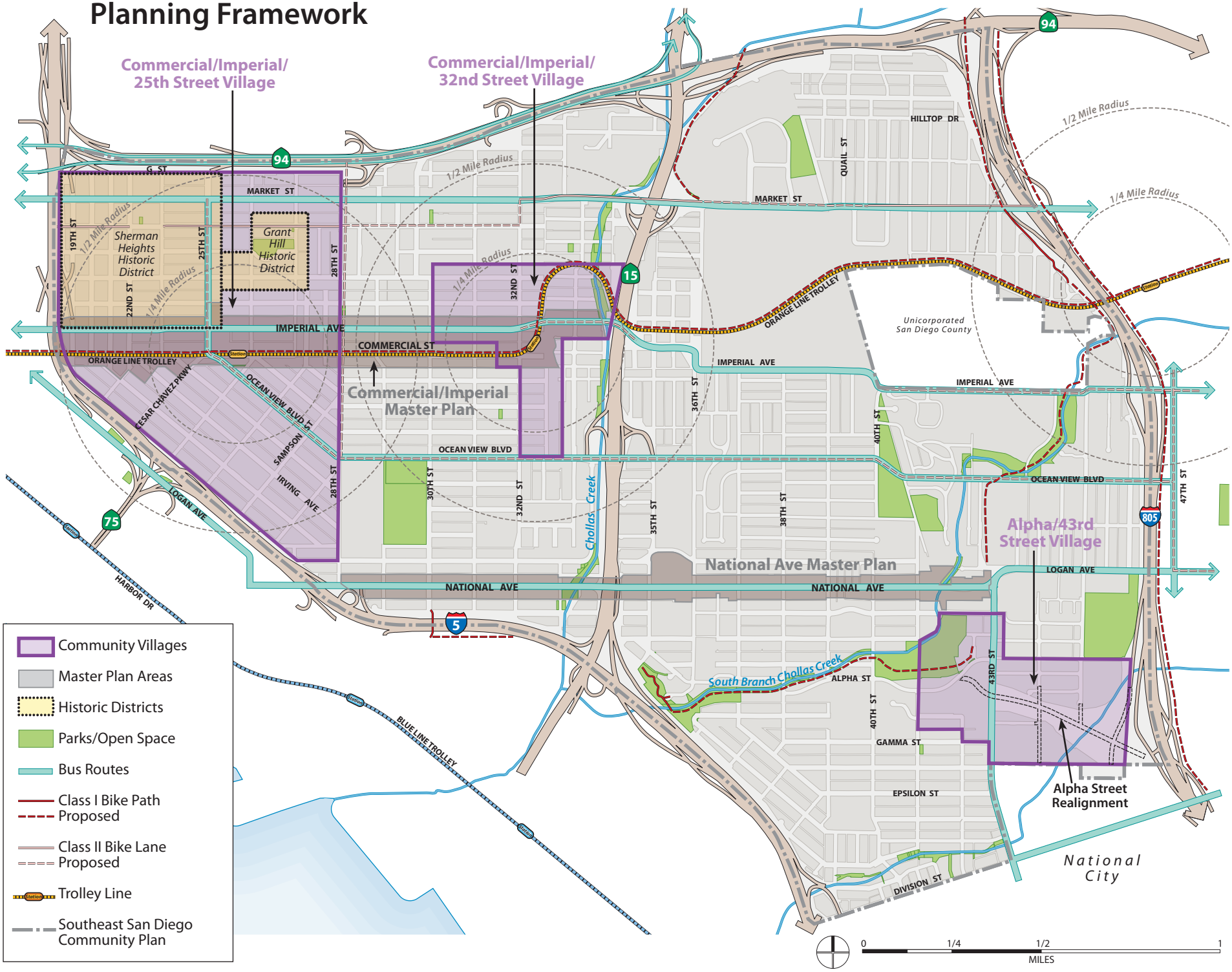Planning Framework