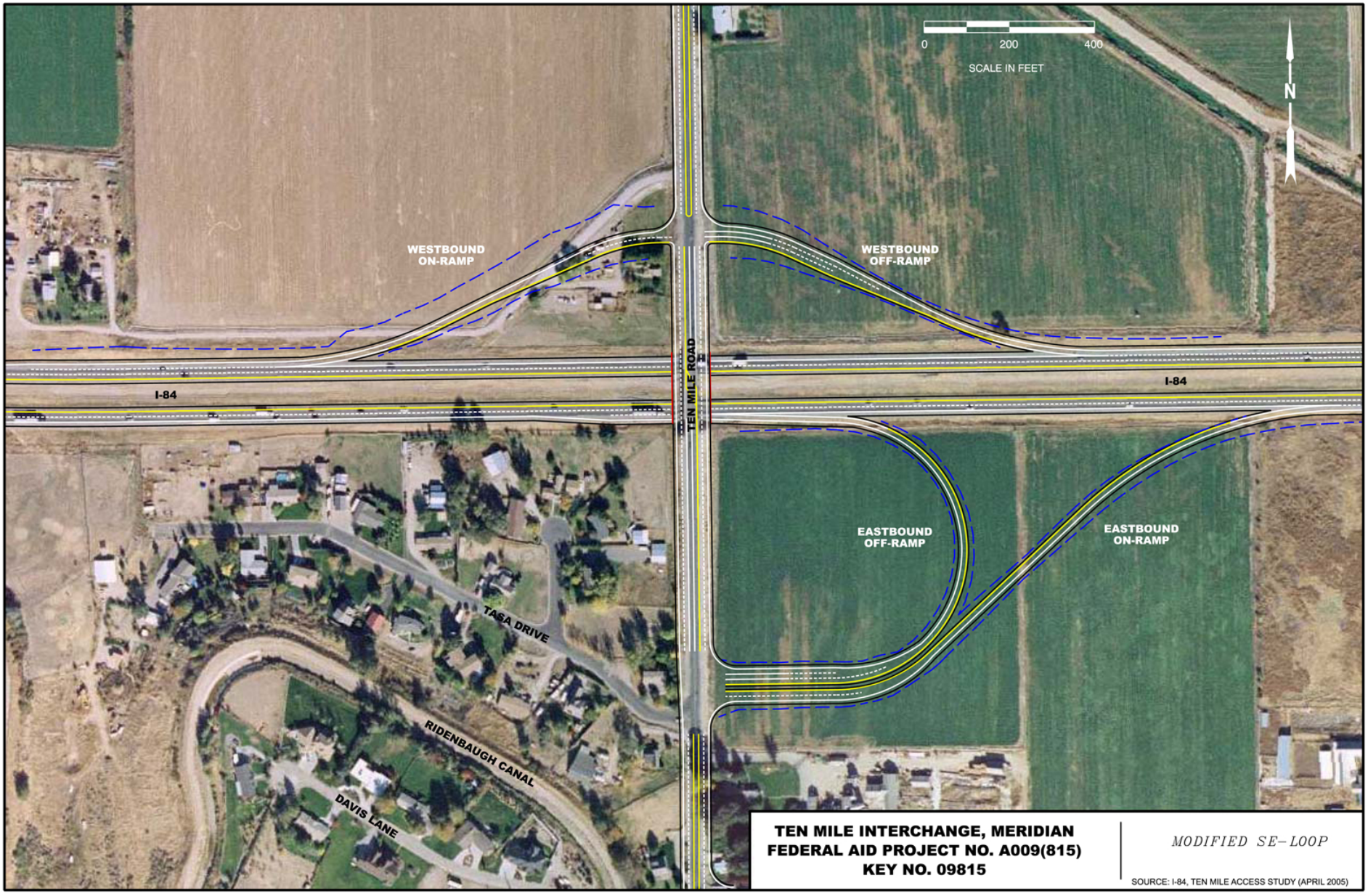MODIFIED SE-LOOP