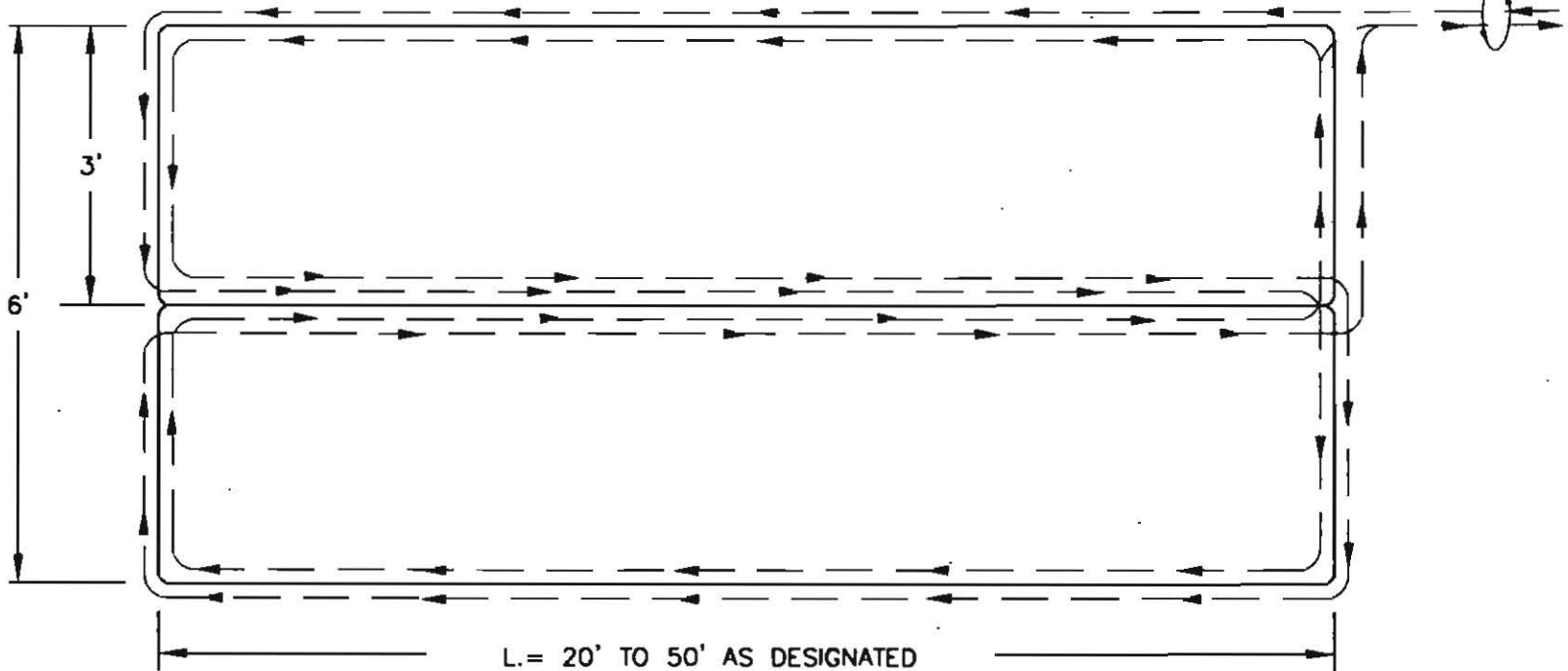


THE TYPE 1 OR QUADRAPOLE INDUCTION LOOPS ARE 6' WIDE BY SPECIFIED LENGTH (20 OR MORE FEET). INSTALLED FROM THE LEAD-IN CUT, LOOP WIRE SHALL FOLLOW A FIGURE EIGHT CONFIGURATION, SO ALL DETECTOR WIRES ARE LAID IN THE SAME DIRECTION IN ANY ONE CUT. THE CENTER WIRES SHALL BE TRAVELING IN THE OPPOSITE DIRECTION FROM EACH OF THE OUTSIDE WIRES. THE LOOP WIRE SHALL BE #12 USE. LEAD IN FROM LOOP SHALL BE INSTALLED IN A 1 1/4" CONDUIT, WITH SWEEP, FROM J-BOX PAST FACE OF CURB. ALL LOOPS SHALL BE INSTALLED PRIOR TO PLACEMENT OF FINAL LIFT OF ASPHALT.

LEAD-IN FROM LOOP TO J-BOX SHALL BE TWISTED AT LEAST TWO TURNS PER FOOT.



L. = 20' TO 50' AS DESIGNATED

TYPE 1 INDUCTION LOOP
MINIMUM OF TWO TURNS

APPROVED

City Engineer *Henry J. Rusk*

Date *6/16/10*

CITY OF BELLINGHAM

TYPE 1
INDUCTION LOOP

DRAWING

EL-460