


**INDUCTION LOOP INSTALLATION NOTES:**

1. CONDUIT USED FOR STUB-OUTS SHALL BE SCHEDULE 80 PVC CONDUIT, MINIMUM SIZE 2 INCHES.
2. ALL LOOPS SHALL BE WOUND WITH THREE TURNS OF NO. 14 AWG STRANDED COPPER WIRE, CLASS B, WITH CHEMICALLY CROSS LINKED POLYETHYLENE TYPE USE INSULATION OF CODE THICKNESS.
3. BACKER ROD WILL NOT BE USED WITH CITY OF KENT LOOP INSTALLATIONS.
4. LEAD WIRES: FOUR PAIR MAXIMUM PER SAWCUT.
5. EXTEND SAWCUT SUFFICIENT LENGTH TO PROVIDE FULL SAWCUT DEPTH AROUND CORNERS.
6. LOOPS SHALL BE INSTALLED PRIOR TO FINAL LIFT IF NEW PAVEMENT IS INSTALLED.
7. ALL LOOPS SHALL HAVE IDENTIFYING LABELS ON THEIR LEADS SHOWING LOOP NUMBER AND S (START) OR F (FINISH).
8. SEE STANDARD PLAN 6-98 FOR INDUCTION LOOP DETAILS AND STANDARD PLAN 6-100 FOR INDUCTION LOOP PLACEMENT.
9. WHEN SAWCUTTING LEAD SLOT IN THE ROADWAY, CONTINUE THE SAW CUT APPROXIMATELY ONE INCH BEYOND THE SEAM WITH THE CONCRETE GUTTER A DEPTH OF APPROXIMATELY ONE INCH TO PERMANENTLY MARK THE LOCATION OF THE STUBOUT. IF NO GUTTER IS PRESENT, CONTACT THE ENGINEER FOR AN ALTERNATIVE METHOD OF MARKING THE STUBOUT LOCATION.
10. ALL LOOP LEADS RETURNING TO JUNCTION BOX SHALL BE PLACED A MINIMUM OF 2 FEET AWAY FROM ANY AND ALL METAL CASTINGS OR VALVE BOXES EXCEPT TERMINATING HANDHOLES OR JUNCTION BOXES.
11. SEE DETAIL 6-98 FOR SPLICE METHOD. EPOXY SPLICE KITS ARE NOT ALLOWED.

NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT BUT AN ELECTRONIC DUPLICATE. THE ORIGINAL, SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION IS KEPT ON FILE AT THE CITY OF KENT. A COPY MAY BE OBTAINED UPON REQUEST.



		<b>CITY OF KENT</b> ENGINEERING DEPARTMENT	
		<b>INDUCTION LOOP INSTALLATION NOTES</b>	
DESIGNED <u>COK</u>	SCALE <u>NONE</u>	STANDARD PLAN	
DRAWN <u>COK</u>	DATE <u>12/2019</u>	<b>6-99</b>	
CHECKED <u>COK</u>	ENGINEER		
APPROVED			