

NOTES

- OVERLAP SAW CUTS AT CORNERS AND INTERSECTION POINTS TO ENSURE UNIFORM SAW SLOT DEPTH.
- MAINTAIN 12" SPACING BETWEEN LOOP WIRE TAIL SECTIONS.
- WIRE LOOPS CONNECTED TO THE SAME DETECTOR IN SERIES.
- LOCATE LOOPS IN CENTER OF LANES UNLESS OTHERWISE SHOWN ON PLANS.
- USE A SERIES OF ONE INCH PIECES OF BACKER ROD SPACED ONE FOOT APART ALONG THE ENTIRE LENGTH OF THE FEEDER SLOT AND LOOP SAW SLOT.
- CONSULT LOOP SEALANT MANUFACTURER TO DETERMINE CURING TIME REQUIRED PRIOR TO MILLING.
- REFER TO STANDARD DRAWING 1725.01 SHEETS 2 AND 3 FOR ADDITIONAL REQUIREMENTS.

SAW SLOT DEPTH CHART
ASSUMING 2" MILLING DEPTH

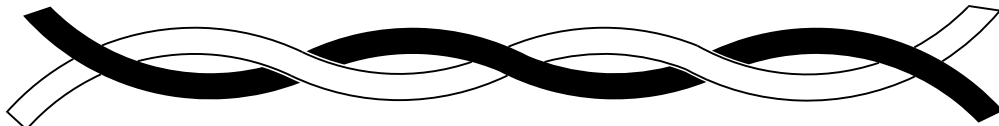
DEPTH (IN)	MAX NO. OF WIRE LAYERS				
	2	3	4	5	6
SAW SLOT DEPTH	4.0	4.5	5.0	5.0	5.0
MINIMUM TOTAL ASPHALT DEPTH REQUIRED	5.0	5.5	6.0	6.0	6.0

LOOP WIRE TWISTING METHOD

INCORRECT WAY TO TWIST WIRE



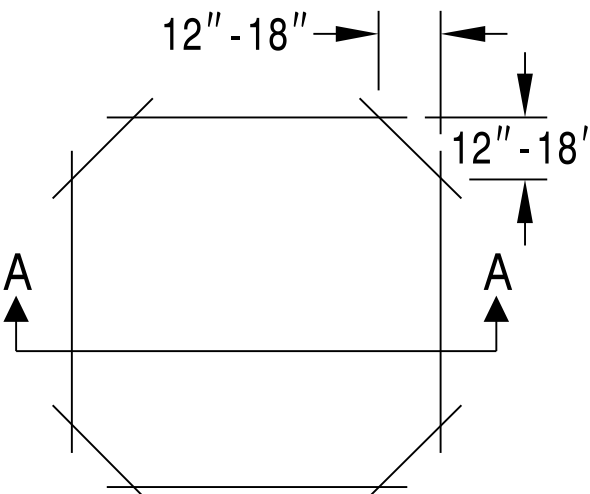
CORRECT WAY TO TWIST WIRE



CONVENTIONAL 4-SIDED LOOP

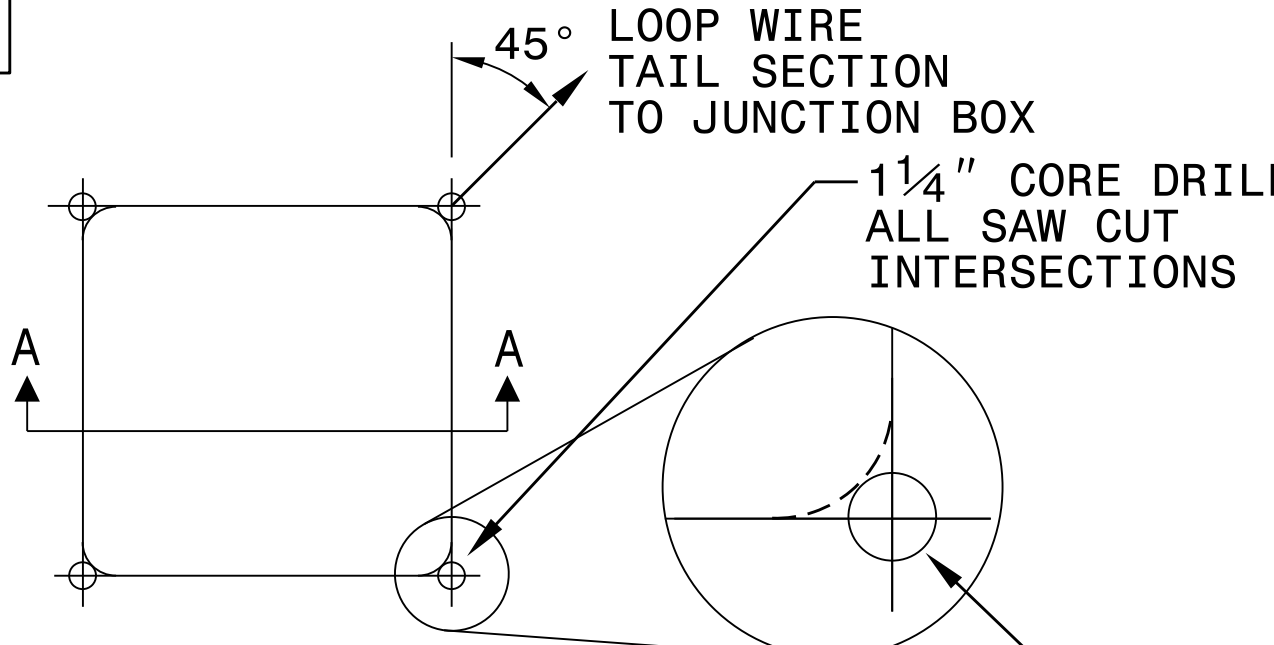
SAW CUT OPTIONS

OPTION 1



INSTALL 1" SECTIONS OF BACKER ROD ON 1 FOOT CENTERS

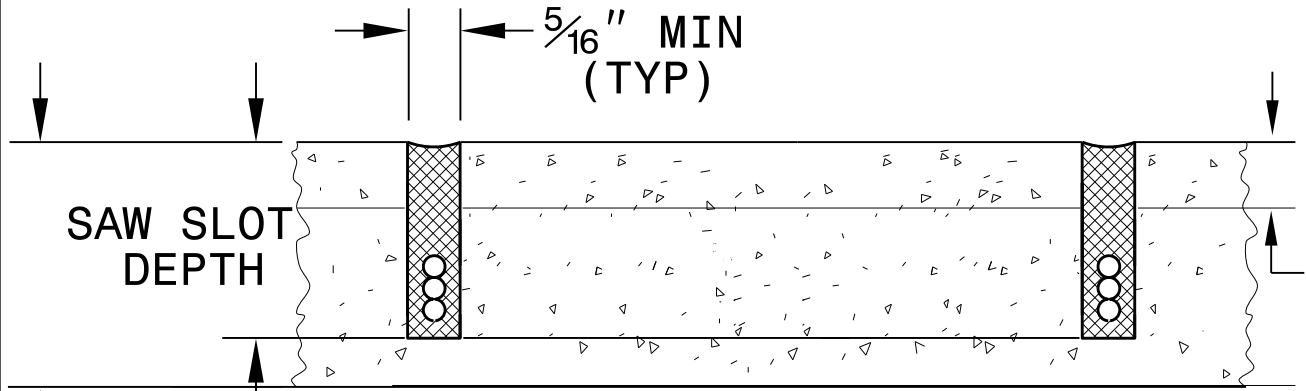
OPTION 2 (POOR PAVEMENT)



LOOP WIRE TAIL SECTION TO JUNCTION BOX

1 1/4" CORE DRILL ALL SAW CUT INTERSECTIONS

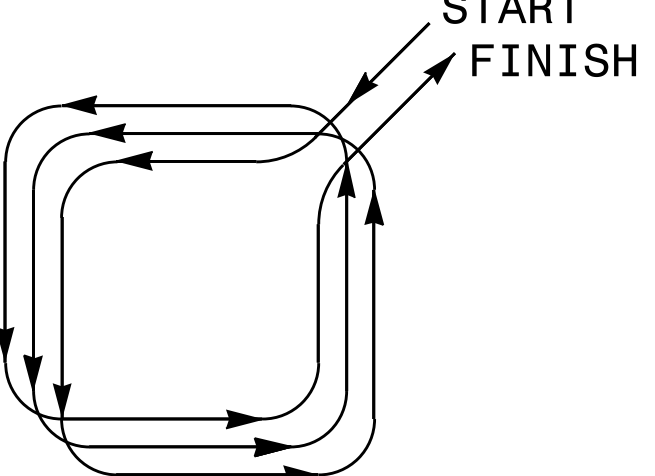
CHISEL EDGES SMOOTH



SECTION A - A

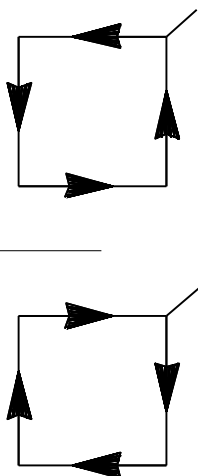
MIN. TOTAL ASPHALT REQUIRED

LOOP WINDING METHOD



START
FINISH

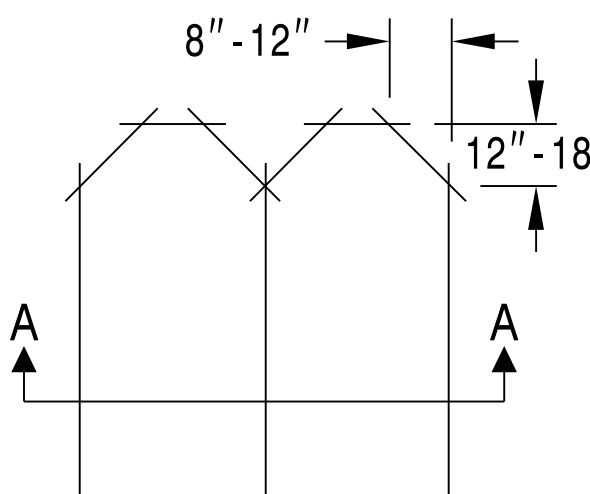
WHEN INSTALLING 2 OR MORE LOOPS IN ADJACENT LANES, WIND LOOPS IN ALTERNATE DIRECTIONS



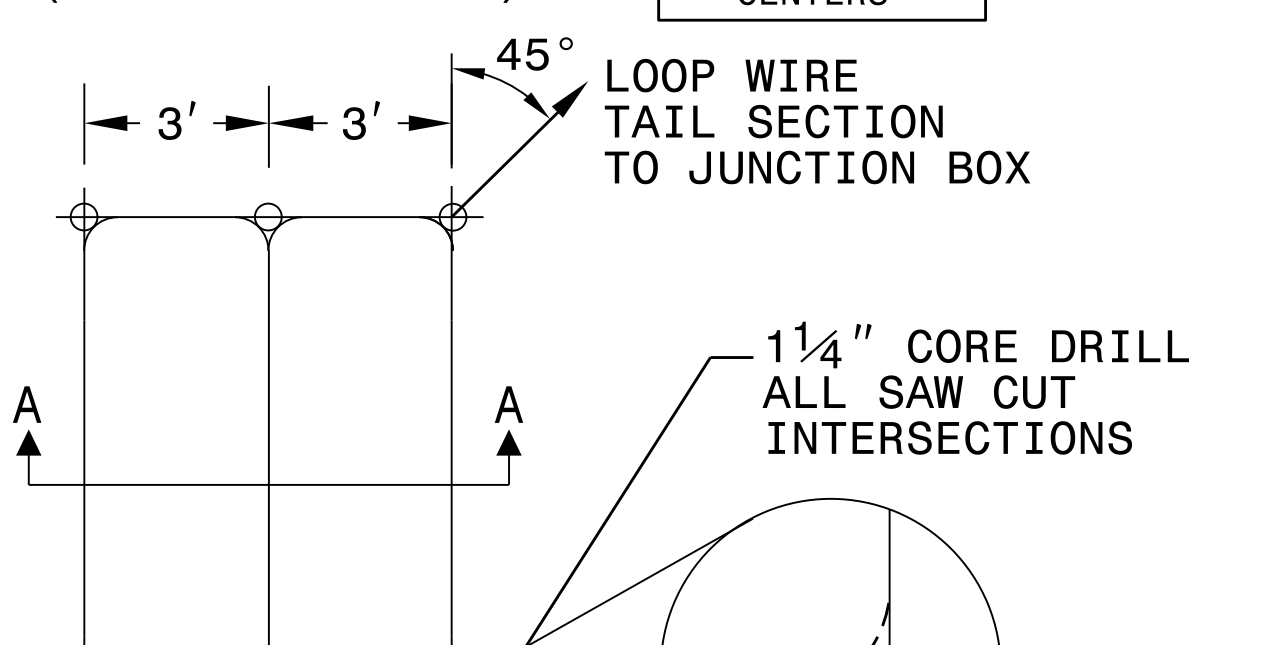
QUADRUPOLE LOOP

SAW CUT OPTIONS

OPTION 1



OPTION 2 (POOR PAVEMENT)

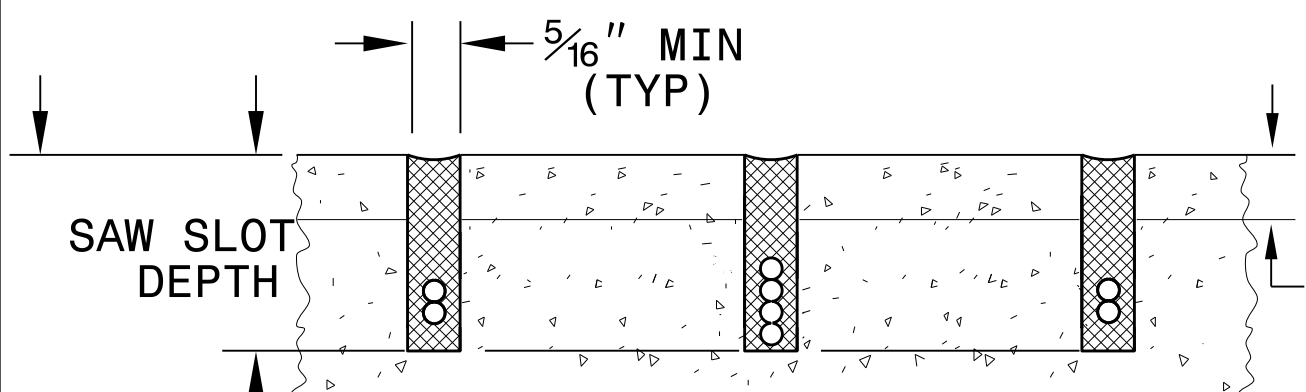


INSTALL 1" SECTIONS OF BACKER ROD ON 1 FOOT CENTERS

LOOP WIRE TAIL SECTION TO JUNCTION BOX

1 1/4" CORE DRILL ALL SAW CUT INTERSECTIONS

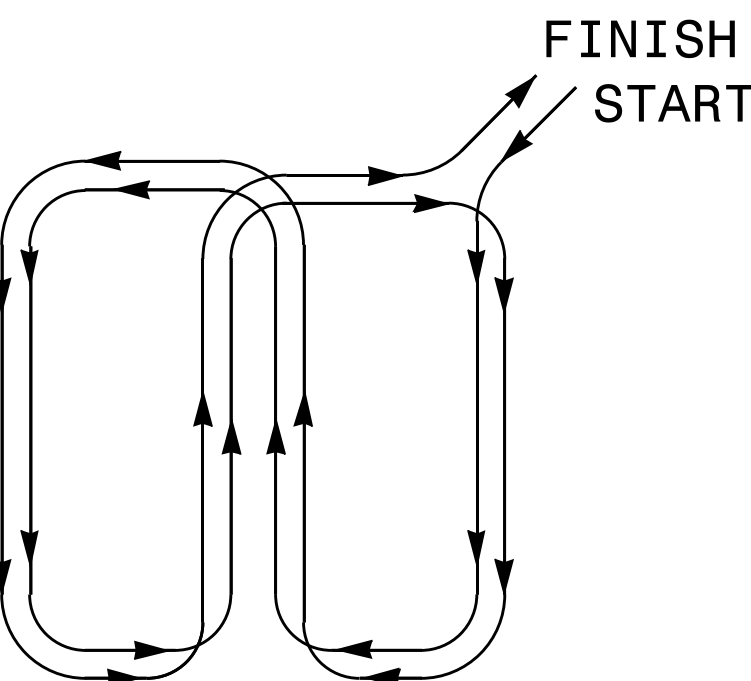
CHISEL EDGES SMOOTH



SECTION A - A

MIN. TOTAL ASPHALT REQUIRED

LOOP WINDING METHOD



FINISH
START

REVISIONS

1. REMOVED TWISTING NOTES FROM TAIL SECT. TO JUNCTION BOX. 2/26/08 MWH
2. REVISED SECTION A - A DETAILS. 6/29/15 JTP

SEAL

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7/1/2015
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