## NOTES

- -OVERLAP SAW CUTS AT CORNERS AND INTERSECTION POINTS TO ENSURE UNIFORM SAW SLOT DEPTH.
- -MAINTAIN 12" SPACING BETWEEN LOOP WIRE TAIL SECTIONS.
- -LOCATE LOOPS IN CENTER OF LANES UNLESS
- -USE A SERIES OF ONE INCH PIECES OF BACKER ROD SPACED ONE FOOT APART ALONG THE ENTIRE
- -CONSULT LOOP SEALANT MANUFACTURER TO DETERMINE
- -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

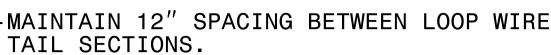
LOOP WIRE TWISTING METHOD

INCORRECT WAY TO TWIST WIRE



CORRECT WAY TO TWIST WIRE





-WIRE LOOPS CONNECTED TO THE SAME DETECTOR IN SERIES.

OTHERWISE SHOWN ON PLANS.

LENGTH OF THE FEEDER SLOT AND LOOP SAW SLOT.

CURING TIME REQUIRED PRIOR TO MILLING.

## QUADRUPOLE LOOP

—2 - INCH

MILLING DEPTH

-2-INCH MILLING DEPTH

CONVENTIONAL 4-SIDED LOOP

LOOP WIRE
TAIL SECTION
TO JUNCTION BOX

CHISEL EDGES SMOOTH

—1¼" CORE DRILL

**INTERSECTIONS** 

ALL SAW CUT

SAW CUT OPTIONS

OPTION 2

(POOR PAVEMENT)

INSTALL

1" SECTIONS

OF BACKER ROD ON 1 FOOT

CENTERS

-5/16" MIN

SECTION A - A

SECTION A - A

OPTION 1

12" - 18"**→** 

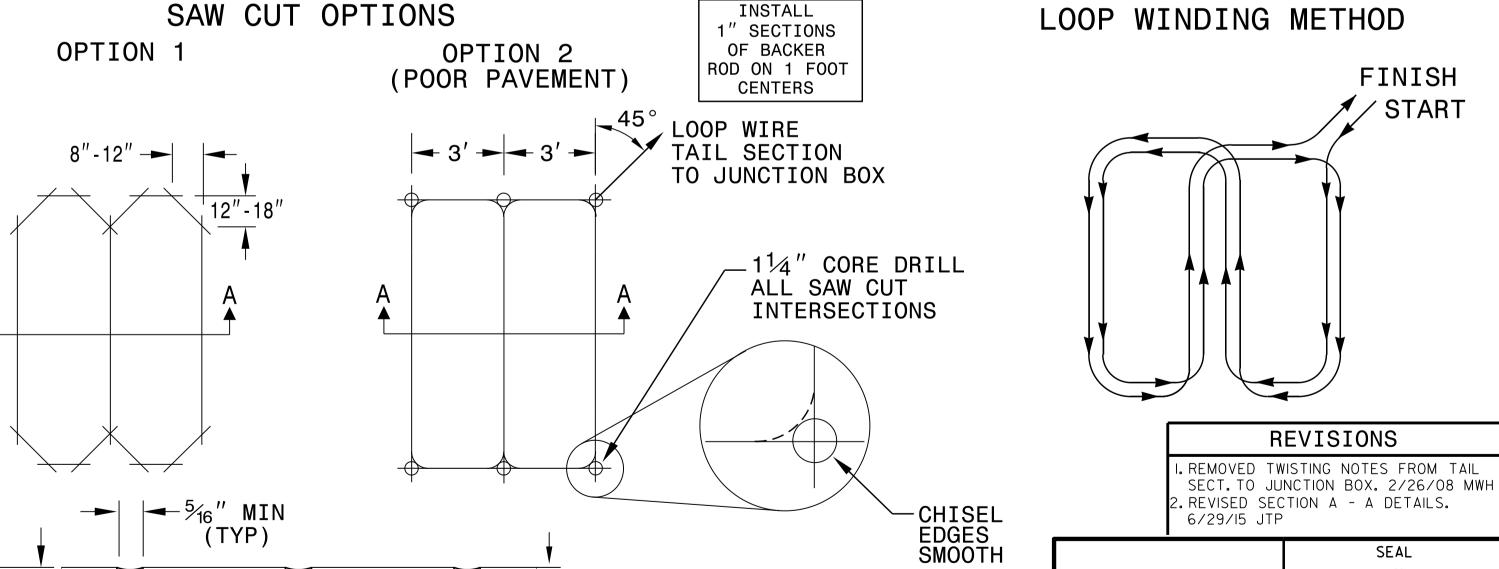
 ${}^{dda}$ MIN. TOTAL ASPHALT REQUIRED

SAW SLOT

SAW SLOT DEPTH

└MIN. TOTAL ASPHALT REQUIRED

DEPTH



FOR DRAWING

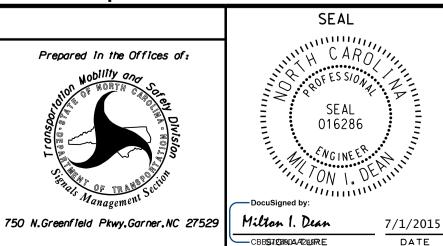
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LOOP WINDING METHOD

START

WHEN INSTALLING 2 OR

ALTERNATE DIRECTIONS

MORE LOOPS IN

WIND LOOPS IN

ADJACENT LANES,

✓ FINISH

SHEET 1 OF 1

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