DI DI STATE OF
NORTH CAROLINA
I. OF TRANSPORTATION
VISION OF HIGHWAYS
RALEIGH, N.C.

Ш CUT ENGL H HS. DUC **TANDARD**

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(FOR 9 Ш DRAW ING EC FOR 9

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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

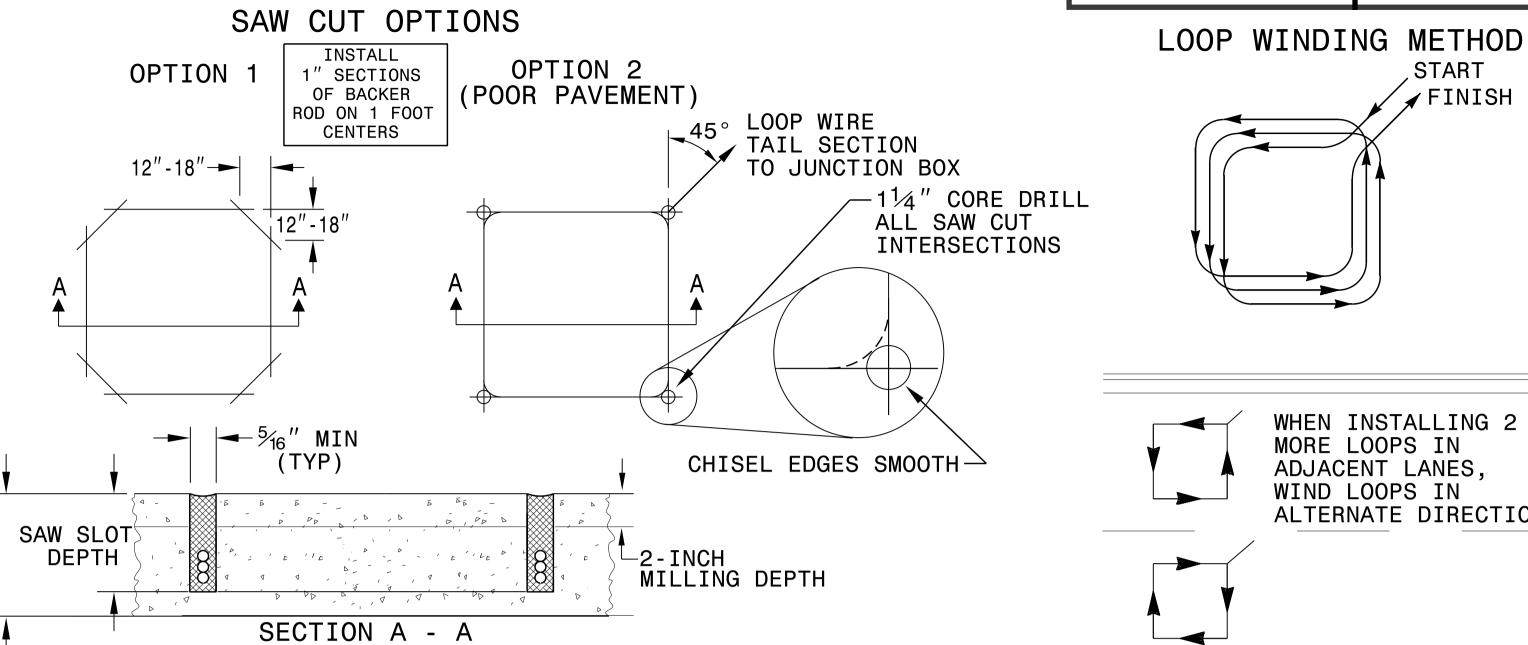
INCORRECT WAY TO TWIST WIRE

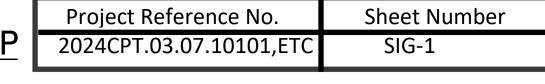


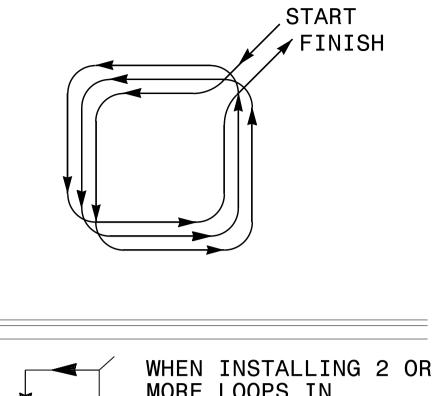
CORRECT WAY TO TWIST WIRE



CONVENTIONAL 4-SIDED LOOP

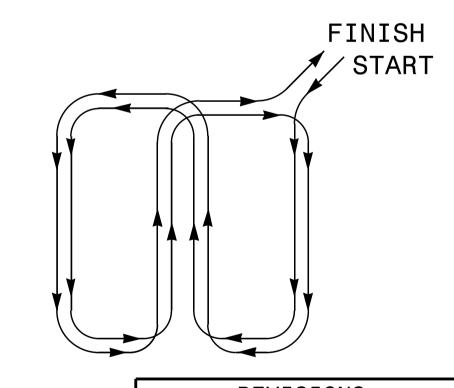






ADJACENT LANES, ALTERNATE DIRECTIONS

LOOP WINDING METHOD



REVISIONS I. REMOVED TWISTING NOTES FROM TAIL SECT. TO JUNCTION BOX. 2/26/08 MWH 2. REVISED SECTION A - A DETAILS. 6/29/I5 JTP



SEAL 016286 Milton I. Dean 7/1/2015

SHEET 1 OF 1 SIG-1

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FOR

SAW CUT OPTIONS INSTALL 1" SECTIONS OPTION 1 OPTION 2 OF BACKER

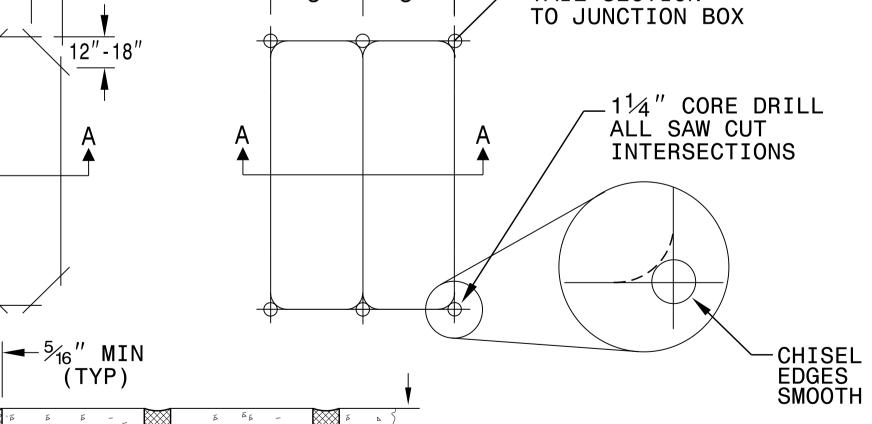
 dda MIN. TOTAL ASPHALT REQUIRED

8"-12"

SAW SLOT DEPTH

ROD ON 1 FOOT (POOR PAVEMENT) CENTERS LOOP WIRE TAIL SECTION

QUADRUPOLE LOOP



—2 - INCH MILLING DEPTH

SECTION A - A └MIN. TOTAL ASPHALT REQUIRED

SHEET 1 OF 1