STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

LOOPS

FOR ION

DRAWING DETECT

STANDARD

ENGLISH

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INSTALLATION

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STATE OF
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DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
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(FOR INSTALLATION PR IOR OT H MILLING CT NOI

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ENGL HSI ISH STANDARD INDUCTIVE DRAWING **FOR** 00 7

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

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	DEPTH (IN)	MAX NO. OF WIRE LAYERS				
		2	3	4	5	6
ĺ	SAW SLOT DEPTH	4.0	4.5	5.0	5.0	5.0
	MINIMUM TOTAL	5.0	5 5	6.0	6 0	6 0

LOOP WIRE TWISTING METHOD

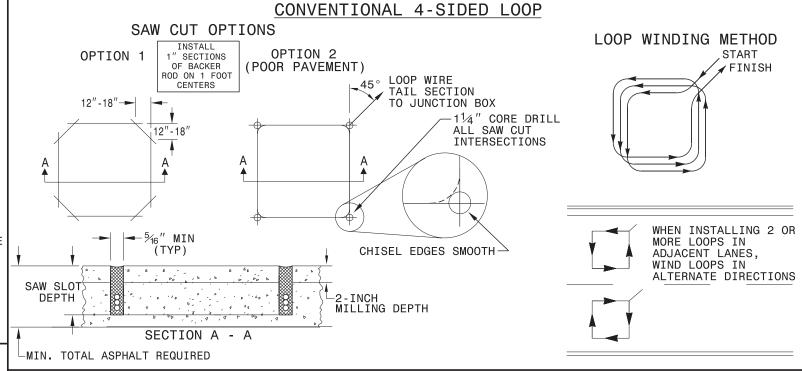
INCORRECT WAY TO TWIST WIRE

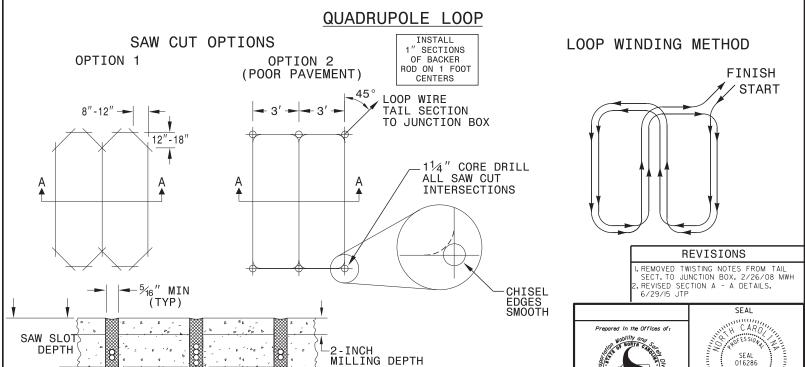


CORRECT WAY TO TWIST WIRE



SHEET 1 OF 1





SECTION A - A

└MIN. TOTAL ASPHALT REQUIRED