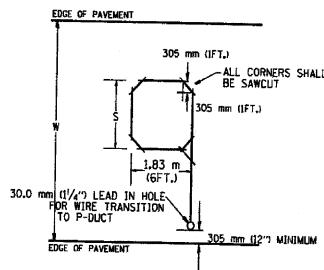


62580



TYPICAL "S" FT. BY 1.83 m (6FT.) INDUCTION LOOP SAWCUT LAYOUT FOR RAMPS

MINIMUM 25 mm (1") HEAT SHRINK TUBING OVERLAP ON WIRE, PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL

-3 TURNS OF LOOPWIRE

-WCS 200/750 HEAT SHRINK TUBE

— NYLON COVERING SCRAPED OFF ONLY INSULATION AND WIRE TO REMAIN

BARREL SLEEVE, CRIMPED & SOLDERED

WCSMW 30/100 HEAT SHRINK TUBE

4-C NO.18 TWISTED SHIELDED CABLE

TWIST BLACK/WHITE TOGETHER, RED/GREEN TOGETHER

-NO.14 WIRE WITH INSULATION

PVC TUBE (ORANGE)

## LOOP SPLICING REQUIREMENTS

25 mm (1") MJN.

25 mm (1") MIN

25 mm (1") M1N.

25 mm ()"7 MIN

	CURB AND GUTTER	PAVEMENT	
L CORNERS SHALL SAWCUT		305 mm (IFT.)	
m <u>(1</u> 2") MINIMUM	CONCRETE CURB AND GUTTER	305 mm (IFT.) -LOOP S	AWCUT
INDUCTION LOOP		30,0 mm (1 <sup>1</sup> / <sub>4</sub> IN <sub>*</sub> ) P-	-DUCT

CURB AND GUTTER LOOP LEAD-IN
TRANSITION DETAIL

-EDGE OF SHOULDER OR START OF CURB AND GUTTER

	I ABLE 1			
	WIDTH (W)	WIDTH (S)		
ļ	3.7 m (12')	2.5 m (8°)		
	4.0 m (13')	2.8 m (9°)		
	4.3 m (14')	3.1 m (10')		
1	4.6 m (15')	3.4 m (117)		
1	4.9 m (16')	3.7 m (12')		
1	5.2 m (17')	4.0 m (13')		
ı	5.5 m (187)	4.3 m (14')		
	5.8 m (19°)	4.6 m (15°)		
1	6.1 m (20°)	4.9 m (16')		
1	6,4 m (217)	5.2 m (17')		
1	6.7 m (22')	5.5 m (18')		
ı	7.0 m (23')	5.8 m (19')		
	7.3 m (24')	6.1 m (20°)		
ı	7.6 m (25°)	6.4 m (21')		

## NOTES

- 1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 45 m (150FT.) OR MORE FROM CABINET.
- 2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
- 3. LOOPS SHALL NOT BE SPLICED IN SERIES.
- 4, EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

TSC25

REVISIONS DATE	ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME DATE	F.A.I. 94/90 (DA	N RYAN EXPRESSWAY)
	NB DAN RYAN	ELEVATED BRIDGE
	REPAIR FROM 15	TH TO 28TH STREETS
	NB DAN RYAN ELEVATED BRIDGE REPAIR FROM 15TH TO 28TH STREETS RECTANGULAR INDUCTION	
	LOOP (TYPICAL)	
	SCALE: NTS	DRAWN BY:
	DATE: 8/12/2005	CHECKED BY: