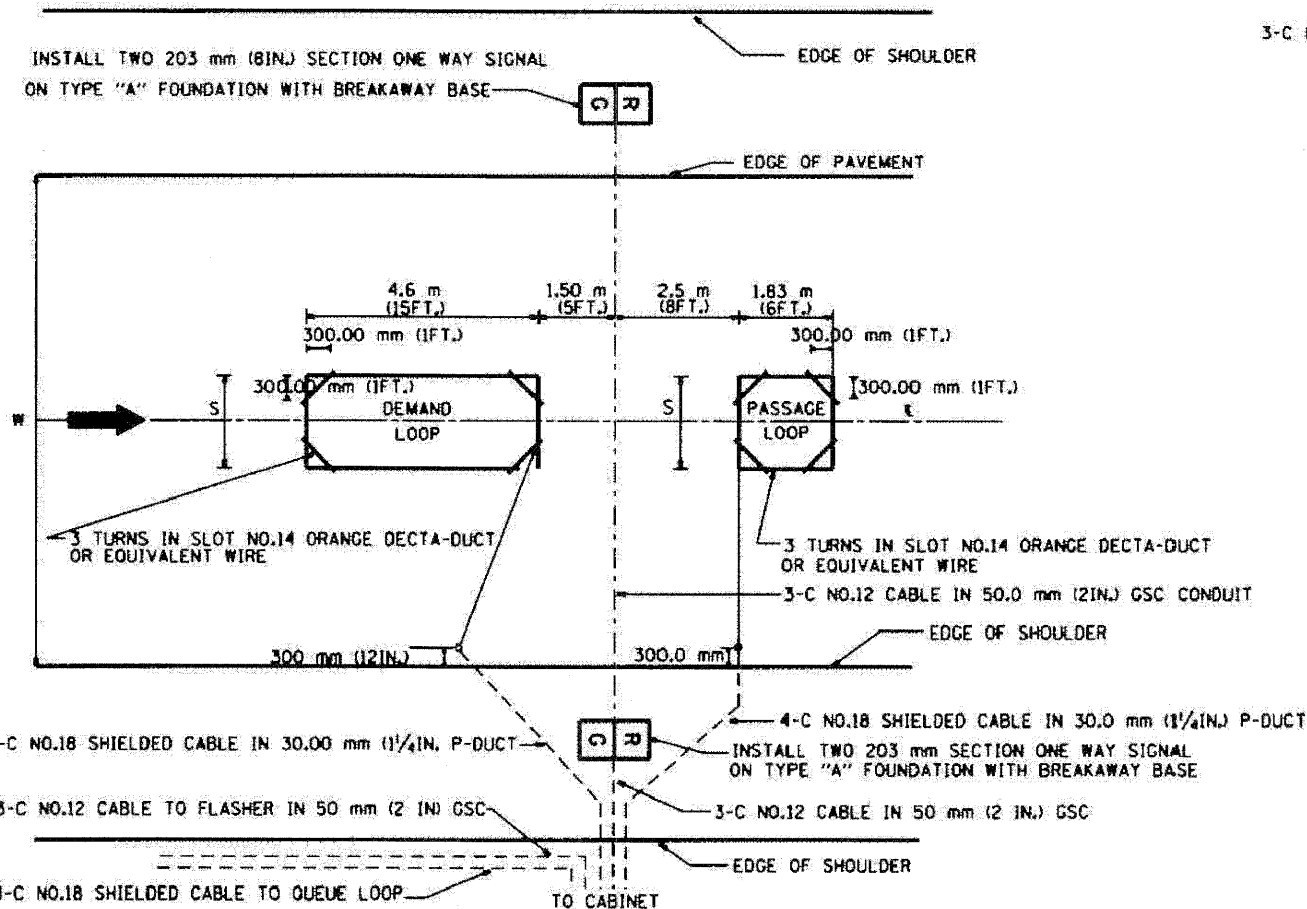
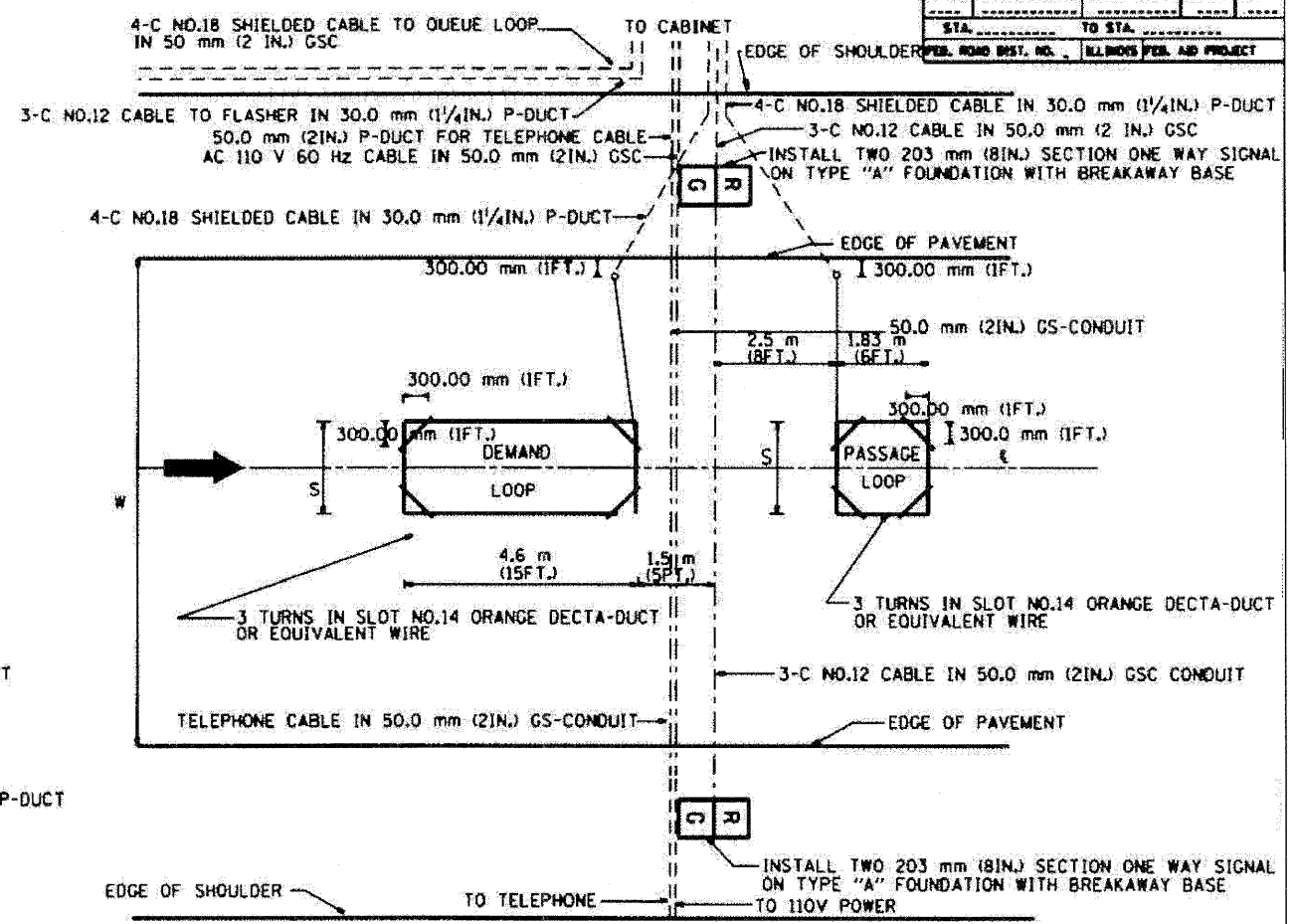


F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
STA.	TO STA.		ILLINOIS FED. AID PROJECT	

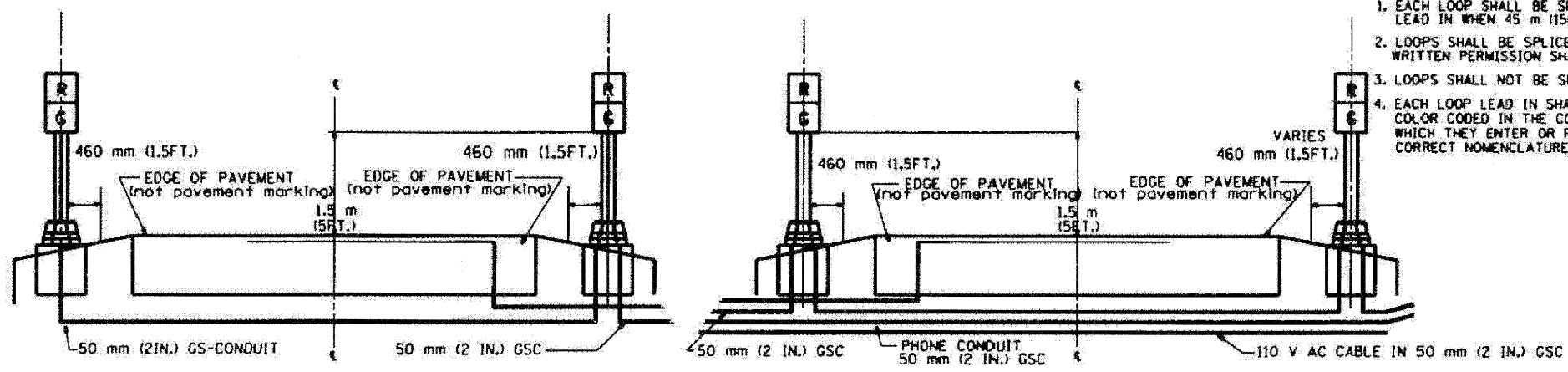


TYPICAL SIGNAL AND LOOP LAYOUT (TYPE I)



TYPICAL SIGNAL AND LOOP LAYOUT (TYPE II)

NOTE: ALL SIGNALS & FOUNDATIONS SHALL BE FIELD LOCATED FOR ACTUAL SITE AND TRAFFIC CONDITIONS.



SECTION

SECTION

- 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.

WIDTH (W)	WIDTH (S)
3.7 m (12')	2.5 m (8')
4.0 m (13')	2.8 m (9')
4.3 m (14')	3.1 m (10')
4.6 m (15')	3.4 m (11')
4.9 m (16')	3.7 m (12')
5.2 m (17')	4.0 m (13')
5.5 m (18')	4.3 m (14')
5.8 m (19')	4.6 m (15')
6.1 m (20')	4.9 m (16')
6.4 m (21')	5.2 m (17')
6.7 m (22')	5.5 m (18')
7.0 m (23')	5.8 m (19')
7.3 m (24')	6.1 m (20')
7.6 m (25')	6.4 m (21')

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER
DATE	DATE	
BY	BY	
BY	BY	
BY	BY	
TYPICAL RAMP METERING INSTALLATION TYPE I & II (FOR RAMP WITHOUT CURBS & GUTTERS)		DRAWN BY G.M. CHECKED BY R.L.
SCALE: NONE	DATE: 6-22-94	

TRAFFIC SYSTEMS CENTER (TY-ITSC-400#1)

FILE NAME =	DESIGNED - GHT	REVISED -
...\\prpln_abc_c3_ts_det_01.dgn	DRAWN - DMS	REVISED -
USER NAME = tblank	CHECKED - MPM	REVISED -
PLOT DATE = 11/2/2009	DATE - 10/16/09	REVISED -

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SYSTEM CENTER
DETAIL SHEETS**

SCALE: N.T.S.	SHEET NO. 1 OF 15 SHEETS	STA.	TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS NO.	SHEET NO.
				290	(2828B,D, ETC., 3031,IRS-6	COOK	185	156
				CONTRACT NO. 60653		ILLINOIS FED. AID PROJECT		