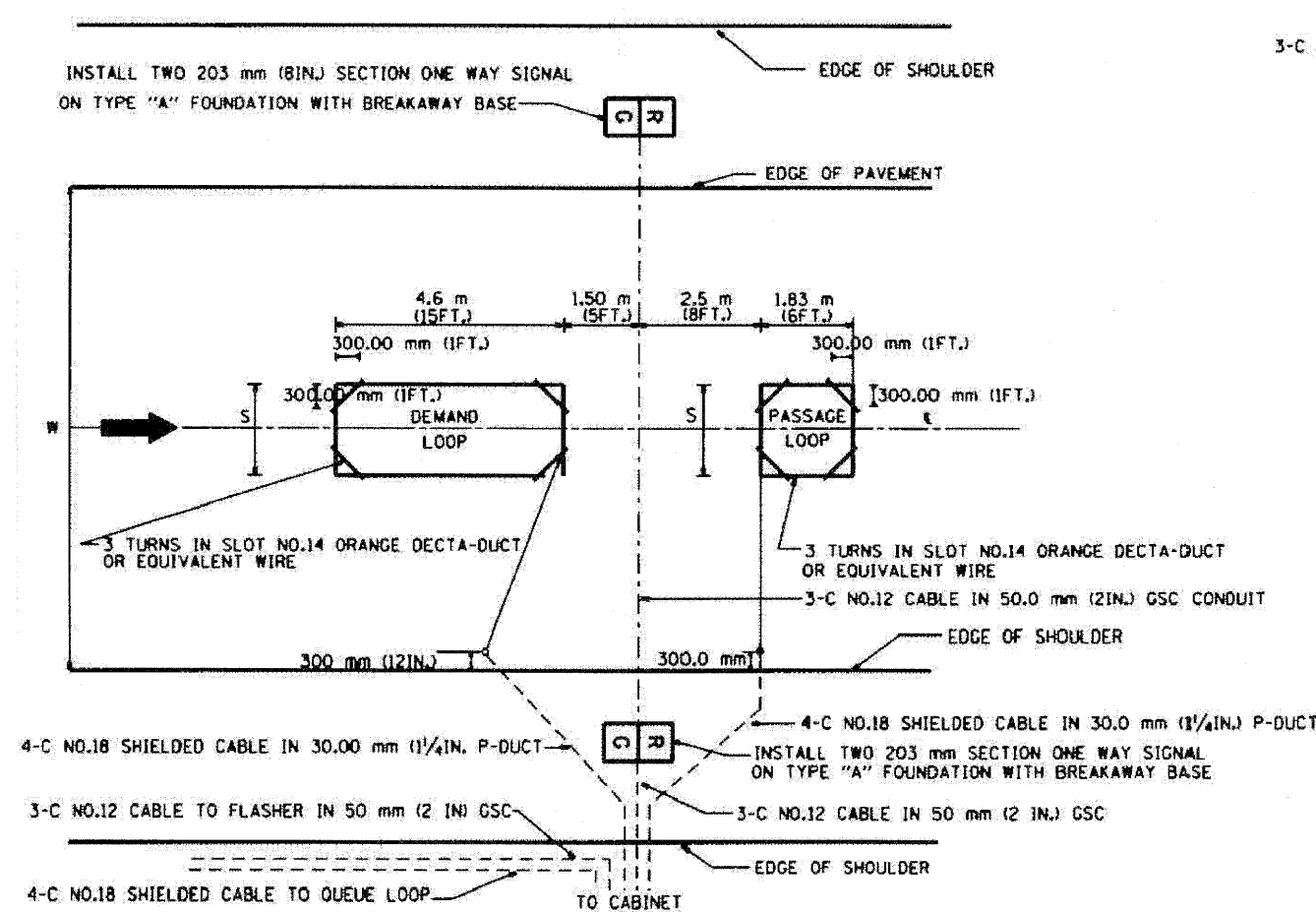
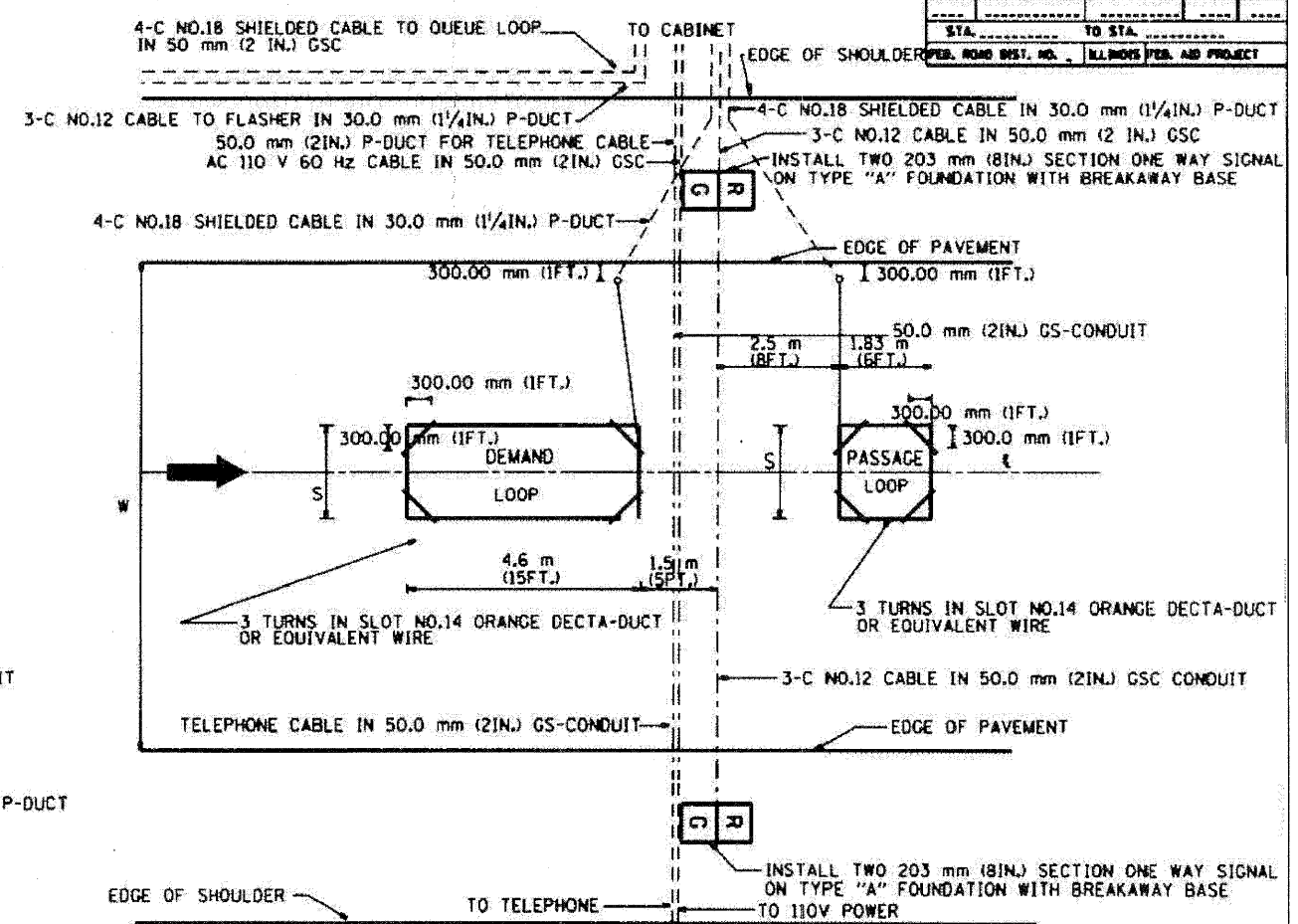


F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. TO STA.		ILLINOIS FED. AID PROJECT		

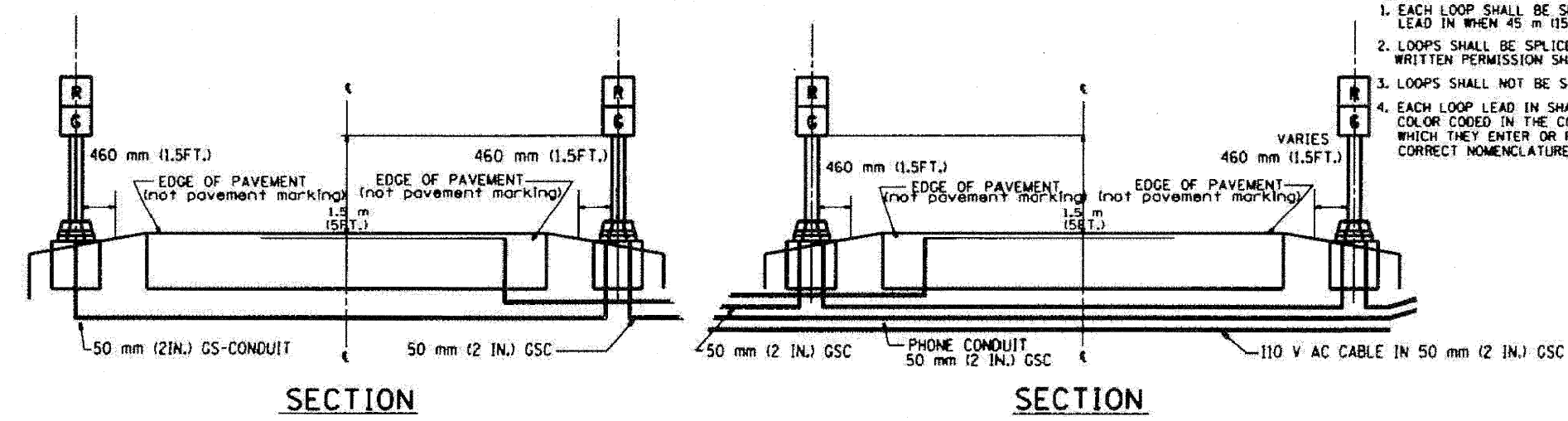


TYPICAL SIGNAL AND LOOP LAYOUT (TYPE I)



TYPICAL SIGNAL AND LOOP LAYOUT (TYPE II)

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



- 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	
DATE	BY

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

**TYPICAL RAMP METERING
INSTALLATION TYPE I & II
(FOR RAMPS WITHOUT CURBS & GUTTERS)**

SCALE: NONE
DATE: 6-22-94

DRAWN BY: G.M.
CHECKED BY: R.L.

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

FILE NAME =	DESIGNED - GHT	REVISED -
...prpIn_ABC_C4_TS_DET_01.dgn	DRAWN - TMB	REVISED -
USER NAME = jnojevski	CHECKED - MPM	REVISED -
PLOT DATE = 11/13/2009	DATE - 10/16/09	REVISED -

benesch

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SYSTEMS CENTER
DETAIL SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2009-0998R	COOK/DUPAGE	309	280
SCALE: N.T.S.		SHEET NO. 1 OF 14 SHEETS		STA. TO STA.
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		