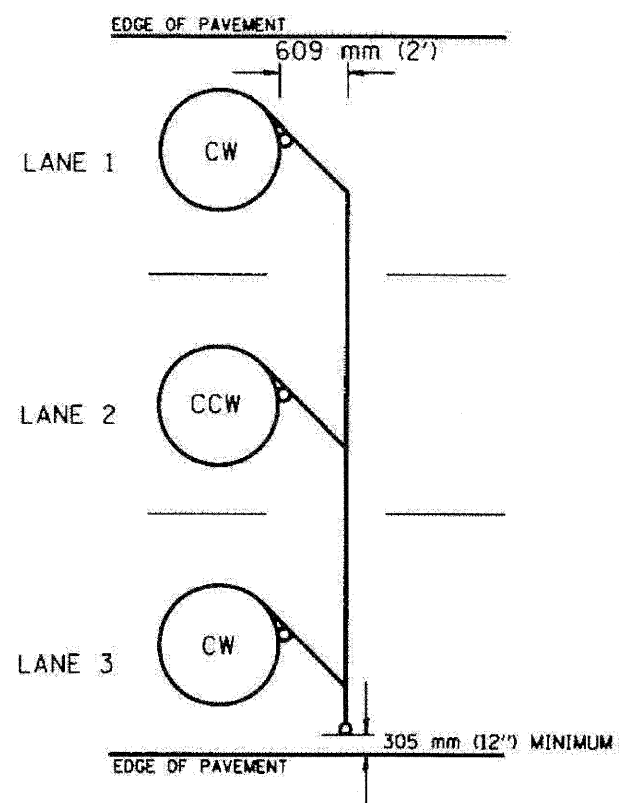
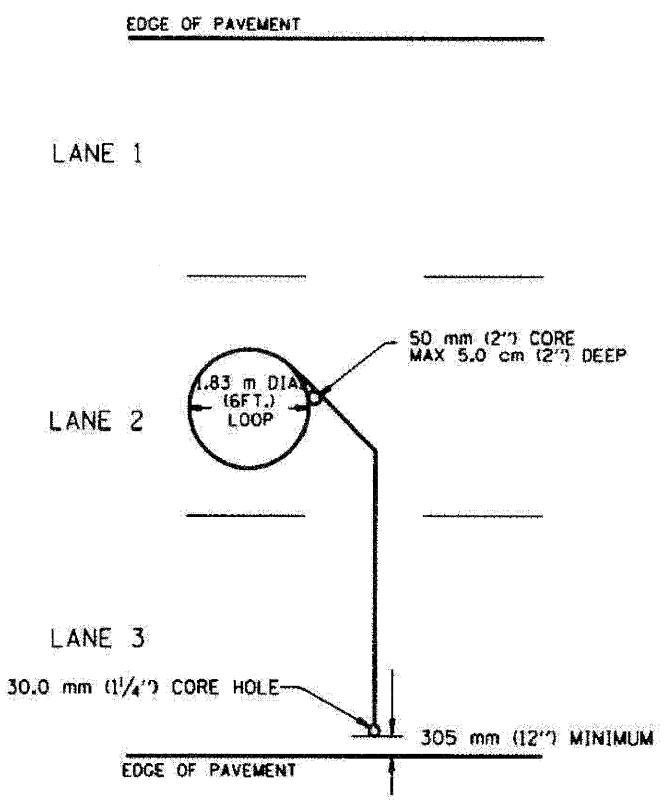


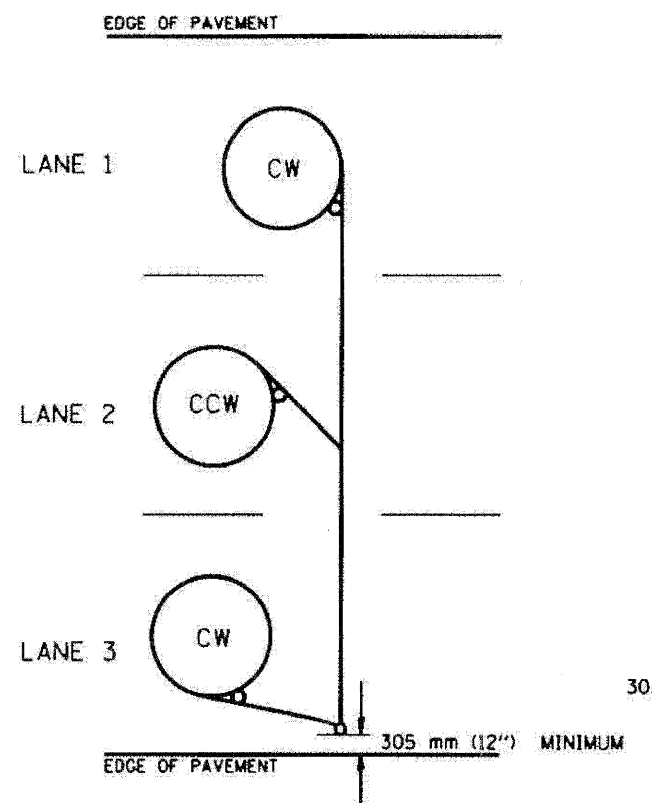
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA. _____		TO STA. _____		
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		



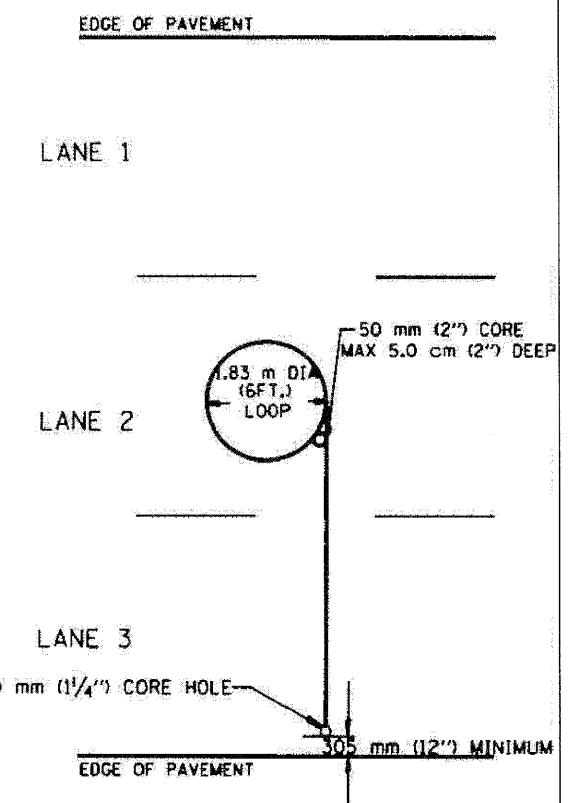
**TYPICAL 1.83 m (6FT.) DIA. INDUCTION LOOP CORE DRILL LAYOUT FOR MULTIPLE LANE ROADWAY**



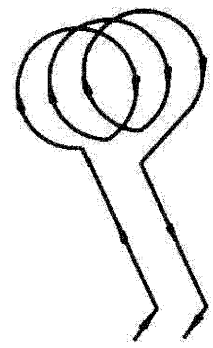
**TYPICAL 1.83 m (6') DIA. INDUCTION LOOP LAYOUT FOR LANE 2**



**TYPICAL 1.83 m (6') DIA. INDUCTION LOOP CORE DRILL LAYOUT FOR MULTIPLE LANE ROADWAY**



**TYPICAL 1.83 m (6') DIA. INDUCTION LOOP LAYOUT FOR LANE 2**



**WIRING DETAILS**

- 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.

REVISION	DATE

**ILLINOIS DEPARTMENT OF TRANSPORTATION  
TRAFFIC SYSTEMS CENTER  
EXISTING ROUND LOOP  
INSTALLATION**

SCALE: VERT. NONE  
HORIZ. \_\_\_\_\_  
DATE: 6-22-94

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

**TRAFFIC SYSTEMS CENTER (TY-1TSC-418\*1)**

FILE NAME =	DESIGNED - GHT	REVISED -
...prpln_ABC.C3.TS.DET.09.dgn	DRAWN - DMS	REVISED -
USER NAME = tblank	CHECKED - MPM	REVISED -
PLOT DATE = 11/12/2009	DATE - 10/16/09	REVISED -

**benesch**

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SYSTEM CENTER  
DETAIL SHEETS**

SCALE: N.T.S. SHEET NO. 9 OF 15 SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	(2828B,D, ETC., 3031,URS-6	COOK	185	164
FED. ROAD DIST. NO. _____		ILLINOIS FED. AID PROJECT _____		
CONTRACT NO. 60C53				