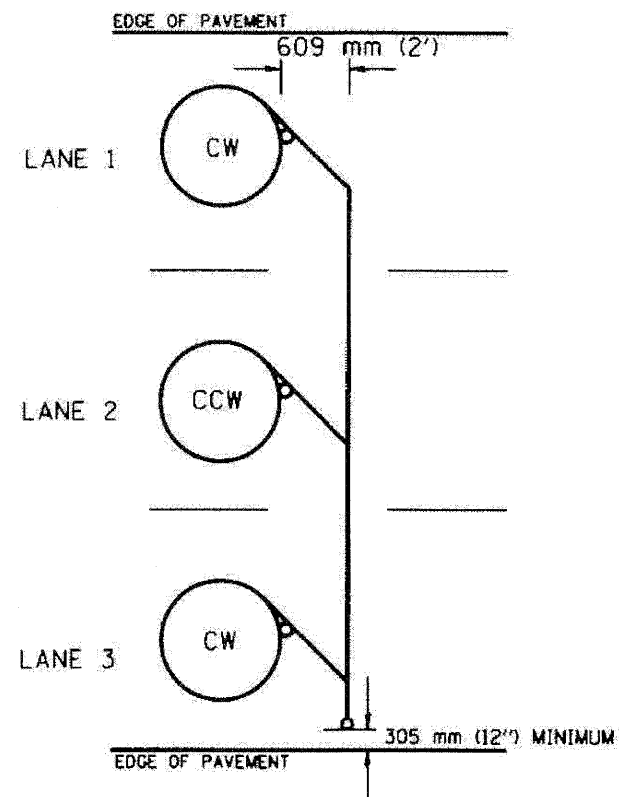
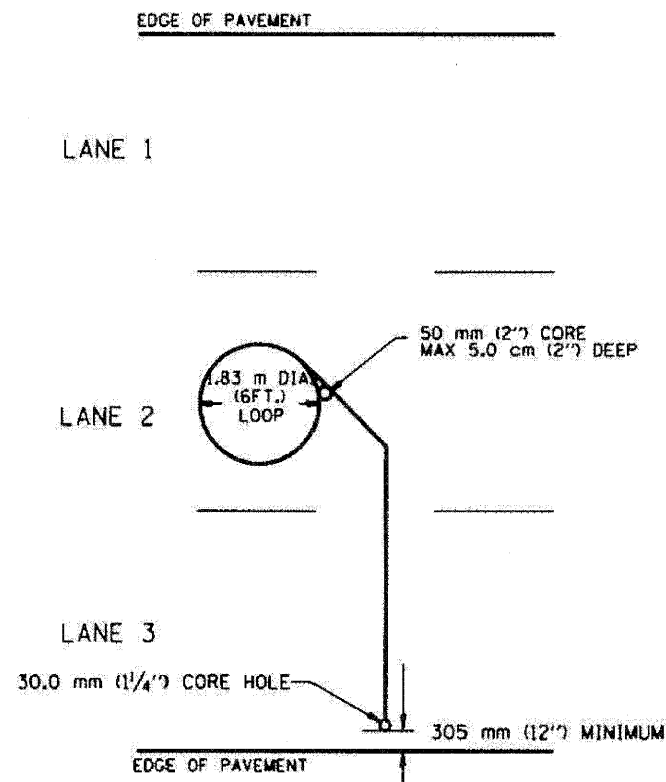


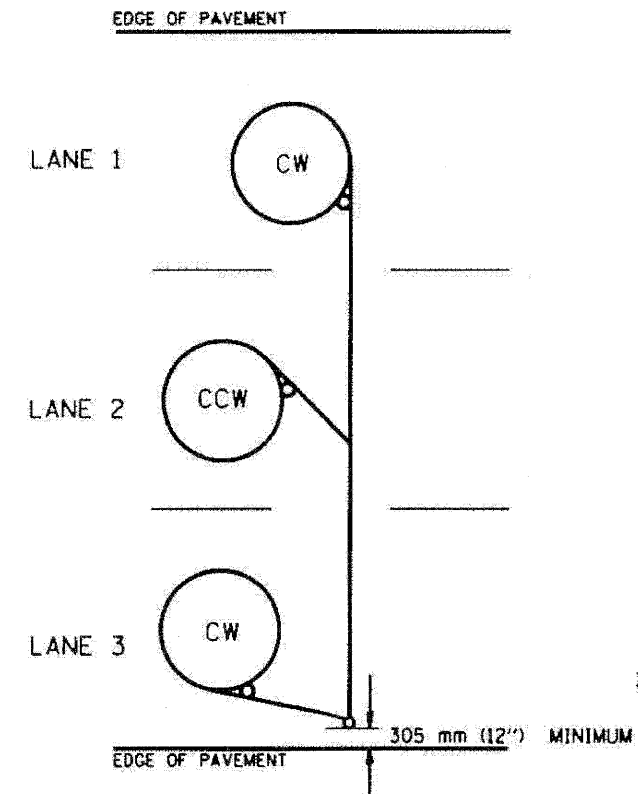
| | | | | |
|---------------------|---------------------------|--------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| STA. | TO STA. | | | |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |



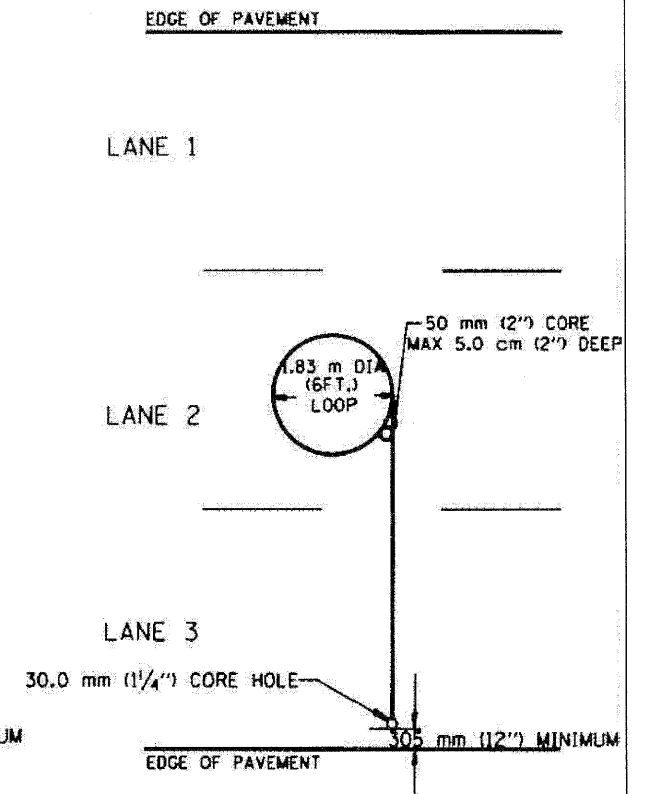
**TYPICAL 1.83 m (6FT.) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY**



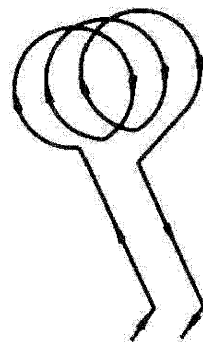
**TYPICAL 1.83 m (6') DIA. INDUCTION LOOP
LAYOUT FOR LANE 2**



**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 | NAME | DATE |
|----------|------|------|
| | R.L. | 6/24 |
| | T.C. | 9/26 |
| | | |
| | | |
| | | |
| | | |
| | | |

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

SCALE: VERT. NONE
DATE: 6-22-14
DRAWN BY: G.M.
CHECKED BY: R.L.

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

| | | |
|---------------------------------|----------------|-----------|
| FILE NAME = | DESIGNED - GHT | REVISED - |
| ...\\prbln.abc.c2.ts.det.0%.dgn | DRAWN - TMB | REVISED - |
| USER NAME = tblank | CHECKED - MPM | REVISED - |
| PLCT DATE = 1/25/2012 | DATE - 1/25/10 | REVISED - |

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SYSTEMS CENTER
DETAIL SHEETS**

SCALE: N.T.S. SHEET NO. 9 OF 17 SHEETS STA. TO STA.

| | | | | |
|---------------------|---------------------------|--------|--------------|-----------|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 290 | (313), ETC., 3435/RS-6 | COOK | 215 | 191 |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT | | | |