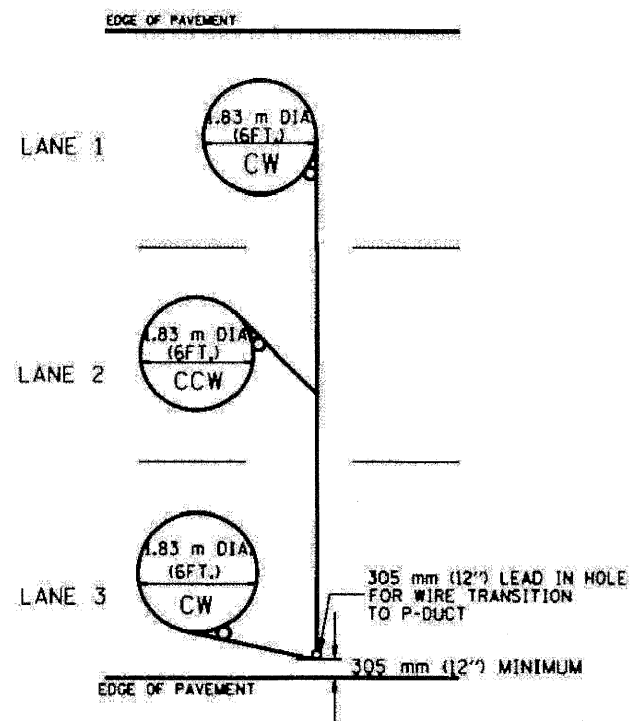
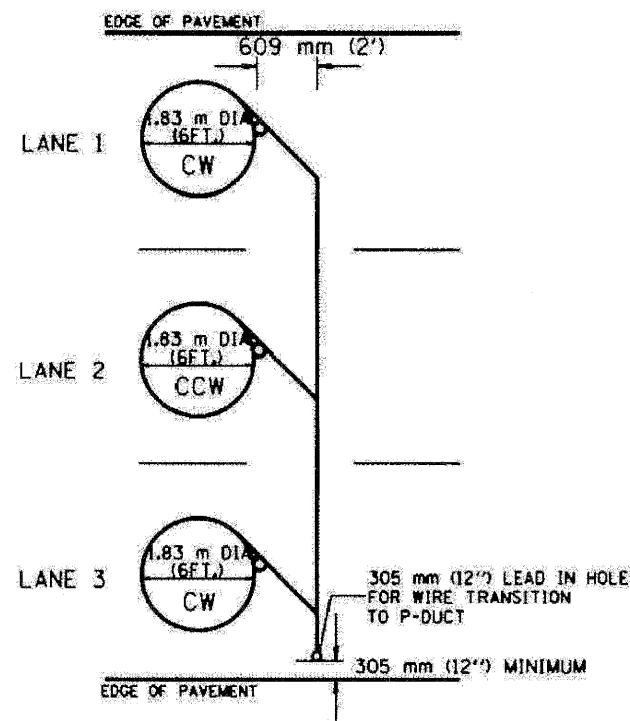


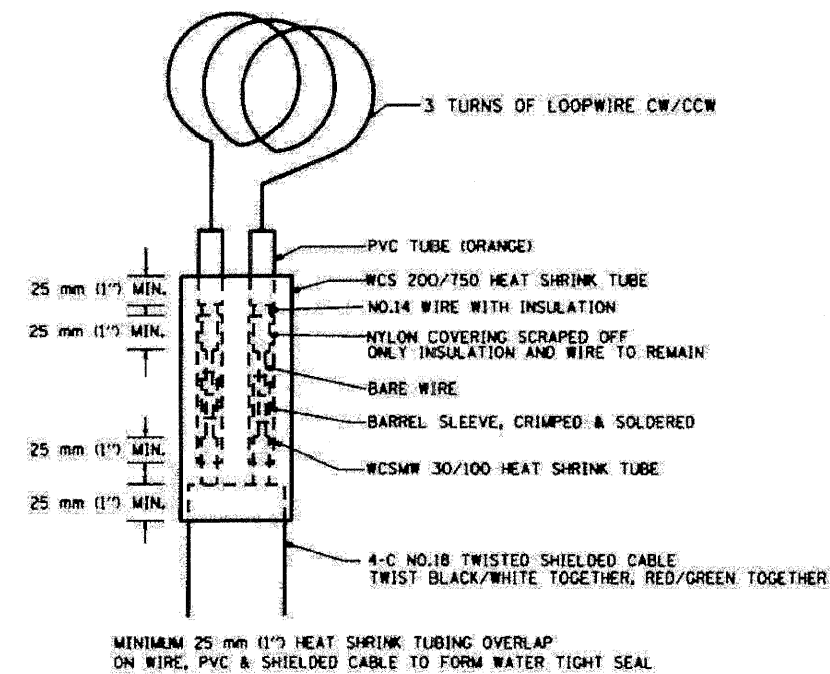
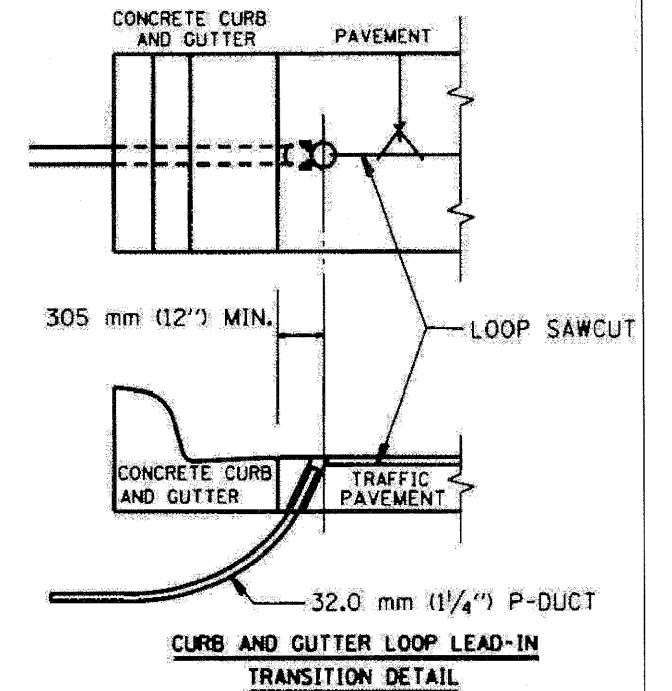
|                     |                           |        |              |           |
|---------------------|---------------------------|--------|--------------|-----------|
| F.A.I. RTE.         | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| STA. ....           | TO STA. ....              |        |              |           |
| 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 CORE DRILL LAYOUT FOR MULTIPLE LANE ROADWAY**



**LOOP SPLICING REQUIREMENTS**

**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.

| REVISED |       | DATE | ILLINOIS DEPARTMENT OF TRANSPORTATION<br>TRAFFIC SYSTEMS CENTER |
|---------|-------|------|---|
| BY      | DATE  |      |   |
| R.L.    | 6/94  |      | EXISTING<br><b>ROUND INDUCTION LOOP TYPICALS</b>                |
| T.C.    | 10/96 |      |   |
|         |       |      | SCALE: VERT. NONE<br>HORIZ. 1"=10'                              |
|         |       |      | DRAWN BY: G.M.<br>CHECKED BY: R.L.                              |

**TRAFFIC SYSTEMS CENTER (TY-1TSC-418#2)**

|                               |                 |           |
|-------------------------------|-----------------|-----------|
| FILE NAME =                   | DESIGNED - GHT  | REVISED - |
| ...NrpIn-ABC.C1.TS_DET.13.dgn | DRAWN - TMB     | REVISED - |
| USER NAME - tblank            | 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**

SCALE: N.T.S. SHEET NO. 10 OF 14 SHEETS STA. TO STA.

|                     |                           |        |              |           |
|---------------------|---------------------------|--------|--------------|-----------|
| F.A.I. RTE.         | SECTION                   | COUNTY | TOTAL SHEETS | SHEET NO. |
| 290.355             | 220, 1-1, 2&3RS-7         | DUPAGE | 546          | 527       |
| FED. ROAD DIST. NO. | ILLINOIS FED. AID PROJECT |        |              |           |