# LIGHTING AND TRAFFIC CONTROL SUBSUMMARY

CALC. BY. EDR DATE 3/90
CHKD. BY. TJU DATE 4/90

LAK-90-3.28

OHIO
F.H.W.A. REGION 5



LAKE COUNTY

| SHEET No. | REFERENCE No. | STATION TO STATION | SIDE | LIGHTING 625: LIGHT POLE, DESIGN A6840 (EA.) | LIGHT POLE, DESIGN AT-6641.7 (EA.) | LIGHT POLE FOUNDATION, 24" x 8' DEEP (EA.) | LUMINAIRE, STYLE B, TYPE III, 250 WATT, HIGH PRESSURE SODIUM, 7'-11, 120V (EA.) | GROUND ROD (EA.) | PULL BOX, 713.08, 18" (EA.) | TRENCH, 24" DEEP (LF.) | CONDUIT, 2", 713.04 (LF.) | | CONDUIT, JACKED OR DRILLED UNDER PAVEMENT, SIZE 3" (LF.) | NO. 4 AWG 5000 VOLT, DISTRIBUTION CABLE (LF.) | NO. 10 AWG POLE AND BRACKET CABLE (LF.) | 1 1/2" DUCT CABLE W/2 NO. 4 AWG 5000 VOLT CABLES (LF.) | CONNECTOR KIT, TYPE II (EA.) | CONNECTOR KIT, TYPE III (EA.) | CABLE SPLICING KIT (EA.) | JUNCTION BOX (EA.) | LIGHT POLE ANCHOR L BOLTS (EA.) | STRUCTURE GROUNDING SYSTEM (EA.) | POWER SERVICE (EA.) | HIGH VOLTAGE TEST (LUMP) | TRAFFIC CONTROL 621: EDGE LINE (LF.) | LANE LINE (LF.) | CHANNELIZING LINE (LF.) | STOP LINE (LF.) | | LANE ARROWS (EA.) | WORD ON PAVEMENT, 72" (EA.) | 630: GROUND MOUNTED SUPPORT, NO. 2 POST (LF.) | GROUND MOUNTED SUPPORT, NO. 3 POST (LF.) | SIGNS, FLAT SHEET, TYPE G (S.F.) | REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL (EA.) | REMOVAL OF GROUND MOUNTED POST AND DISPOSAL (EA.) | 632: LOOP DETECTOR PAVEMENT CUTTING (LF.) | LOOP DETECTOR WIRE, TYPE E, AS PER PLAN (LF.) | TYPE OF TREATMENT | PROFILE SHEET NO. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ℄ REF. TO S.R. 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | STA 23+22 | LT | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| | | STA 23+22 TO STA 23+84 | LT | | 1 | 1 | 1 | 1 | | 62 | | | | | 110 | 97 | 1 | 1 | | | | | | | LUMP | | | | | | | | | | | | | | | |
| | | STA 23+84 TO STA 26+00 | LT | | | | | | 1 | 216 | | | | | | 226 | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| | | STA 26+00 TO STA 26+60 | LT | 1 | | | | | | 10 | 60 | | | 210 | 92 | | 1 | 1 | | 1 | 4 | 1 | | | | | | | | | | | | | | | | | | |
| | | STA 26+60 TO STA 29+40.5 | LT | 1 | | | 1 | | | | 281 | | | 873 | 92 | | 1 | 1 | | 1 | 4 | | | | | | | | | | | | | | | | | | | |
| | | STA 29+40.5 TO STA 32+18 | LT | 1 | | | 1 | | | | 278 | | | 864 | 92 | | 1 | 1 | | 1 | 4 | | | | | | | | | | | | | | | | | | | |
| | | STA 32+18 TO STA 33+02 | LT | | | | | | 1 | 10 | 84 | | | 282 | | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| 21 | | STA 33+02 TO STA 35+00 | LT | | 1 | 1 | 1 | 1 | | 198 | | | | | 110 | 208 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | STA 25+30 | RT | | 1 | 1 | 1 | 1 | | | | | | | 110 | | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | | STA 25+20 TO STA 26+76 | RT | | | | | | 1 | 156 | | | | | | 166 | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| | | STA 26+76 TO STA 28+01.5 | RT | 1 | | | 1 | | | 10 | 126 | | | 408 | 92 | | 1 | 1 | | 1 | 4 | | | | | | | | | | | | | | | | | | | |
| | | STA 28+01.5 TO STA 30+79 | RT | 1 | | | 1 | | | | 278 | | | 864 | 92 | | 1 | 1 | | 1 | 4 | | | | | | | | | | | | | | | | | | | |
| | | STA 30+79 TO STA 33+60 | RT | 1 | | | 1 | | | | 281 | | | 873 | 92 | | 1 | 1 | | 1 | 4 | | | | | | | | | | | | | | | | | | | |
| | | STA 33+60 TO STA 33+78 | RT | | | | | | 1 | 10 | 18 | | | 84 | | | | | 2 | | | | | | | | | | | | | | | | | | | | | |
| 21 | | STA 33+78 TO STA 36+04 | RT | | 1 | 1 | 1 | 1 | | 171 | | | 59 | | 110 | 181 | 1 | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | | STA 36+04 TO STA 36+25 | RT | | | | | | | 21 | | | | | | 56 | | | | | | | 1 | | | | | | | | | | | | | | | | | |
| | | TOTAL LIGHTING | | 6 | 4 | 4 | 10 | 4 | 4 | 864 | 1406 | | 55 | 4458 | 992 | 934 | 10 | 10 | 8 | 6 | 24 | 1 | 2 | LUMP | | | | | | | | | | | | | | | | |
| | | TRAFFIC CONTROL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | ℄ REF. TO S.R. 91 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | STA 25+21 | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 420 | 430 | | | |
| | | STA 26+02 | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 233 | 244 | | | |
| | a, A | STA 25+05 | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 9 | 2 | 1 | | | | | | |
| | b, B | STA 34+84 | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | 12 | | 4 | 2 | 1 | | | | | | |
| | EW | STA 25+00 TO STA 35+25 | LT | | | | | | | | | | | | | | | | | | | | | | 1025 | | | | | | | | | | | | | | | | |
| | EW | STA 25+30 TO STA 35+98 | RT | | | | | | | | | | | | | | | | | | | | | | 1068 | | | | | | | | | | | | | | | | |
| | EY | STA 24+95 TO STA 35+00 | LT | | | | | | | | | | | | | | | | | | | | | | 1005 | | | | | | | | | | | | | | | | |
| | EY | STA 24+95 TO STA 35+00 | RT | | | | | | | | | | | | | | | | | | | | | | 1005 | | | | | | | | | | | | | | | | |
| | L | STA 25+00 TO STA 40+00 | LT | | | | | | | | | | | | | | | | | | | | | | | 1500 | | | | | | | | | | | | | | | |
| | L | STA 18+75 TO STA 34+98 | RT | | | | | | | | | | | | | | | | | | | | | | | 1623 | | | | | | | | | | | | | | | |
| | L | STA 29+65 TO STA 32+03 | RT | | | | | | | | | | | | | | | | | | | | | | | 238 | | | | | | | | | | | | | | | |
| | S | STA 25+00 | LT | | | | | | | | | | | | | | | | | | | | | | | | | 36 | | | | | | | | | | | | | |
| | S | STA 34+98 | RT | | | | | | | | | | | | | | | | | | | | | | | | | 36 | | | | | | | | | | | | | |
| | CH | STA 25+20 TO STA 26+73 | LT | | | | | | | | | | | | | | | | | | | | | | | | 153 | | | | | | | | | | | | | | |
| | CH | STA 32+03 TO STA 34+98 | RT | | | | | | | | | | | | | | | | | | | | | | | | 295 | | | | | | | | | | | | | | |
| | L | STA 25+30 | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| | L | STA 26+43 | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| | L | STA 32+42 | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| | L | STA 33+54 | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| | L | STA 34+68 | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| | W | STA 25+88 | LT | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| | W | STA 32+98 | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| 21 | W | STA 34+07 | RT | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | |
| | | TRAFFIC CONTROL TOTALS | | | | | | | | | | | | | | | | | | | | | | MILE | .78 | .64 | 448 | 72 | – | 5 | 3 | 12 | 12 | 13 | 4 | 2 | 653 | 674 | | | |