

CONDUIT & CONDUCTOR SCHEDULE

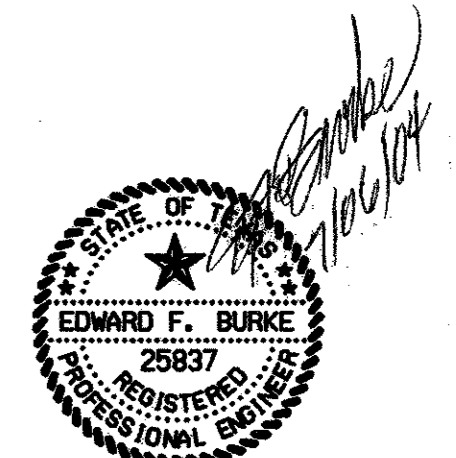
| RUN | GROUND CONDUCTOR | | | CONDUCTOR | | | CONDUIT |
|---------------|---------------------|------|-------------|-------------------|------|-------------|------------|
| | #12 AWG | | | #12 AWG | | | 3/4" RMC |
| | LENGTH FT. | QTY. | SUM LENGTH | LENGTH FT. | QTY. | SUM LENGTH | LENGTH FT. |
| A1 | 160 | 1 | 160 | 160 | 2 | 320 | 160 |
| A2 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A3 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| A4 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A5 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| A6 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A7 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| A8 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A9 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| A10 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A11 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| A12 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A13 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| A14 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A15 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| A16 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A17 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| A18 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A19 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| A20 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| A21 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B1 | 160 | 1 | 160 | 160 | 2 | 320 | 160 |
| B2 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B3 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B4 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B5 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B6 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B7 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B8 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B9 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B10 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B11 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B12 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B13 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B14 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B15 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B16 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B17 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B18 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B19 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| B20 | 15 | 1 | 15 | 15 | 2 | 30 | 15 |
| B21 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S1 | 170 | 1 | 170 | 170 | 2 | 340 | 170 |
| S2 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S3 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S4 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S5 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S6 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S7 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S8 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S9 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S10 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S11 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S12 | 170 | 1 | 170 | 170 | 2 | 340 | 170 |
| S13 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S14 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S15 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S16 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S17 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S18 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S19 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S20 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S21 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| S22 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| C1 | 20 | 1 | 20 | 20 | 2 | 40 | 20 |
| TOTALS | SUM OF G CONDUCTORS | | 1780 | SUM OF CONDUCTORS | | 3560 | 915 |

ROADWAY ILLUMINATION SUMMARY

| POLE OR FIXTURE | STATION | TYPE | REMARKS |
|-----------------|---------|-----------------------------------|--|
| B1 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B2 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B3 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B4 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B5 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B6 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B7 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B8 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B9 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B10 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B11 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B12 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B13 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B14 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B15 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B16 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B17 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B18 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B19 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B20 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B21 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |
| B22 | SHEET 3 | TECH SPEC SECT. BELF, FIXTURE "B" | SURFACE-MOUNT BLUE LED MARKER - DIAPHRAGMS |

ESTIMATED QUANTITIES

| ITEM | UNIT | ESTIMATED QUANTITY | FINAL QUANTITY |
|---|------|--------------------|----------------|
| CONDUIT RMC (3/4") | LF | 915 | |
| ELECTRICAL CONDUCTOR (NO. 12) BARE | LF | 1780 | |
| ELECTRICAL CONDUCTOR (NO. 12) INSULATED | LF | 3560 | |
| GROUND BOX, GB 7 | EA | 1 | |
| FIXTURE, TYPE "B" | EA | 22 | |
| TRANSIENT VOLTAGE SURGE SUPPRESSOR | EA | 22 | |



| | | | |
|---|-----------|----------|---------|
| NO. | DATE | REVISION | APPROV. |
| GREYSTONE CENTRE 3010 LBJ FREEWAY, SUITE 1300 DALLAS, TX 75234 | | | |
| ARAPAHO ROAD - PHASE III SURVEYOR BOULEVARD TO ADDISON ROAD CONDUIT & CONDUCTOR SUMMARY DIAPHRAGM LED TOWN OF ADDISON, TEXAS | | | |
| Design | EFB | Drawn | DT |
| Check | Check | DATE | SCALE |
| | | 05-07-04 | 25768 |
| PROJECT NO. | SHEET NO. | | |
| 25768 | BL-21 | | |

NOTE 1: EMBED IN T4 TRAFFIC BARRIER, SEE LIGHTPOLE ANCHORAGE DETAILS.