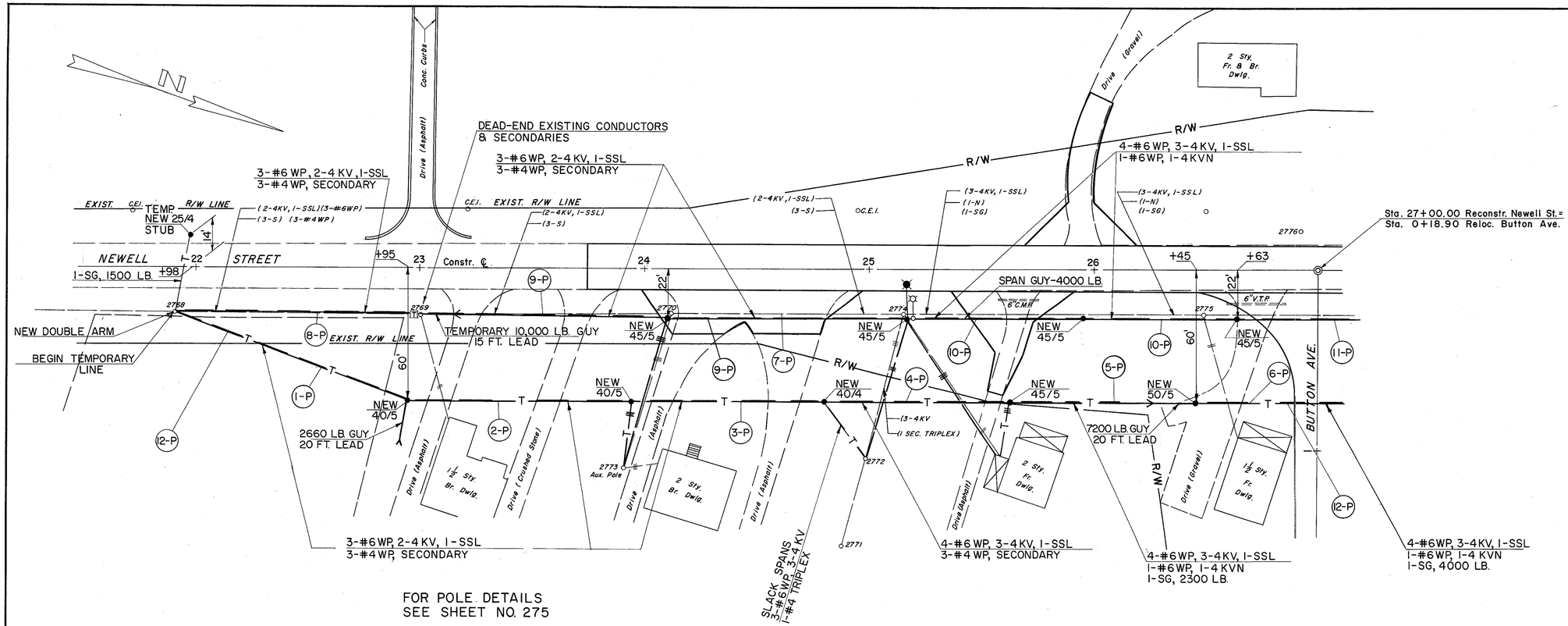
| FED. RD. DIVISION | STATE | PROJECT | |
|---|---|---|---|
| 2 | OHIO | | |

277
384

LAKE COUNTY
LAK-2-14.22




FOR POLE DETAILS
SEE SHEET NO. 275

FOR OTHER CONSTRUCTION DETAILS
SEE SHEET NO. 118

## (P) POWER

S-25

| REF. NO. | STATION FROM | STATION TO | SIDE | POLE 50 FT. CLASS 5 | POLE 45 FT. CLASS 5 | POLE 40 FT. CLASS 5 | POLE 40 FT. CLASS 4 | POLE 25 FT. CLASS 4 | CROSS-ARM DBL. EA. | CROSS-ARM SGLE EA. | GUY ANCHOR 10,000 LB. EA. | GUY ANCHOR 7200 LB. EA. | GUY ANCHOR 2660 LB. EA. | GUY SPAN 4000 LB. L.F. | GUY SPAN 2300 LB. L.F. | GUY SPAN 1500 LB. L.F. | INSULATOR PIN 4 KV EA. | INSULATOR DEAD END 4 KV EA. | INSULATOR NEUTRAL 4 KV EA. | DEAD-END BRACKET EA. | WIRE NO. 4 TRIPLEX L.F. | WIRE NO. 4 WP L.F. | WIRE NO. 6 WP L.F. | SECONDARY RACK EA. | REMOVE EXISTING POLE EA. | RELOCATE STREET LIGHT EA. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1-P | 21+92 | 22+95 | RT. | | | | | 1 | 1 | | | | | | | 35 | 6 | | | | | 345 | 345 | 1 | | |
| 2-P | 22+95 | 2 +95 | RT. | | | 1 | | | 1 | | | | 1 | | | | 6 | | | | | 300 | 300 | 1 | | |
| 3-P | 23+95 | 24+80 | RT. | | | 1 | | | | 1 | | | | | | | 3 | | | | | 255 | 255 | 1 | | |
| 4-P | 24+80 | 25+62 | RT. | | | | 1 | | | 2 | | | | | | | 3 | 4 | | | 35 | 246 | 480 | 1 | | |
| 5-P | 25+62 | 26+45 | RT. | | 1 | | | | | 1 | | | | | 83 | | 4 | | 1 | | 25 | | 415 | 1 | | |
| 6-P | 26+45 | 27+58 | RT. | 1 | | | | | | 1 | | 1 | | 115 | | | 4 | | 1 | | | | 575 | | | |
| 7-P | 23+00 | 26+50 | RT. | | | | | | | | | | | | | | | | | | | | | | 4 | 1 |
| 8-P | 21+92 | 23+00 | RT. | | | | | | | | | | | | | | | | | | | 336 | 336 | | | |
| 9-P | 23+00 | 25+16 | RT. | | 1 | | | | 1 | 1 | 1 | | | | | | 6 | 6 | | | 70 | 654 | 654 | 3 | | |
| 10-P | 25+16 | 26+63 | RT. | | 2 | | | | 1 | 2 | | | | 80 | | | 8 | 3 | | 1 | 140 | | 740 | 1 | | |
| 11-P | 26+63 | 27+65 | RT. | | 1 | | | | | 1 | | | | | | | 4 | | 1 | | | | 510 | | | |
| 12-P | 21+92 | 27+58 | RT. | | | | | | | | | | | | | | | | | | | | | | 6 | |
| TOTAL | | | | 1 | 5 | 2 | 1 | 1 | 4 | 9 | 1 | 1 | 1 | 195 | 83 | 35 | 44 | 13 | 3 | 1 | 305 | 2136 | 4610 | 9 | 10 | 1 |

## SYMBOLS

| | | |
|---|---|---|
| 4 KV | – | 4 Kilovolt |
| SSL | – | Series Street Light |
| S | – | Secondary |
| MSL | – | Multiple Street Light |
| TLG | – | Traffic Light Guy |
| SG | – | Span Guy |
| HG | – | Head Guy |
| WP | – | Weatherproof |
| AG | – | Anchor Guy |
| N | – | Neutral |
| 4 KVN | – | 4 Kilovolt Neutral |
| 33 KVA | – | 33 Kilovolt-Ampere |
| DE | – | Dead-End |
| 1000 LB. | – | Ultimate Guy Strength |
| 40/4 | – | Pole, 40 Ft., Class 4 |

## LEGEND

- Existing Pole
- New Pole
- Transformer
- D — New Duct
- C — Conduit
- Existing Street Light
- New or Moved Street Light
- Existing Service Drop, 2 or 3 Wires
- New Duplex or Triplex
- Anchor Guy
- Existing Power Line
- New Power Line
- T — New Power Line (Temporary)
- (2-4KV, 1-SSL) (3-S) (1-MSL) — Existing Conditions
- 4-#6 WP, 2-4 KV / 1-#6 WP, MSL — New Condition

POWER ADJUSTMENTS
NEWELL STREET