

INTERCONNECT SUB-SUMMARY

CALCULATED
CHECKED

| MENTOR AVENUE | | | | | | | |
|-----------------------------|--------------------------------|----------|---------|-------|----------------|----------------------|----------------------|
| INTERSECTION | ITEM | POLE NO. | CONDUIT | | TRENCH QTY (M) | 6 PAIR PE-36 QTY (M) | 6 PAIR PE-36 QTY (M) |
| | | | 51 mm | 76 mm | | | |
| FERN DRIVE | CONTROLLER STA 0+155.3 | | | | | 0 | 0 |
| | PULLBOX, PB1 STA 0+155.3 | | | | | | 5.6 |
| | PULLBOX, PB3 STA 0+156.0 | | | | | | 25.3 |
| | PROP. PULLBOX, PB1 STA 0+238.7 | | | | | | 85.7 |
| | PROP. PULLBOX, PB2 STA 0+270.5 | | | 34.1 | | | 37.1 |
| TOP OF POLE STA 0+272 | 3785 | | 1.4 | 1.4 | | | 13.5 |
| POLE STA 0+304 | 3786 | | | | | 32 | |
| POLE STA 0+337 | 3788 | | | | | 33 | |
| LINCOLN DRIVE | POLE STA 0+372 | 13201 | | | | 35 | |
| | POLE STA 0+404 | NO # | | | | 32 | |
| | TOP OF POLE STA 0+435 | 3791 | | | | 31 | |
| | PULLBOX, PB5 STA 0+437.4 | | | | | 16.1 | |
| | PULLBOX, PB6 STA 0+475.6 | | | | | 42.4 | |
| PULLBOX, PB4 STA 0+484.6 | | | | | 19.5 | | |
| TOP OF POLE, P3 STA 0+487.7 | | | | | 14.9' | | |
| ROOSEVELT DRIVE | POLE STA 0+494.7 | 232 | | | | 7 | |
| | POLE STA 0+523.2 | 18527 | | | | 28.5 | |
| FOREST DRIVE | POLE STA 0+557.2 | 234 | | | | 34 | |
| | POLE STA 0+581 | 235 | | | | 23.8 | |
| | POLE STA 0+607 | 236 | | | | 26 | |
| ORCHARD DRIVE | POLE STA 0+630 | 18523 | | | | 23 | |
| | POLE STA 0+665 | 14906 | | | | 35 | |
| | POLE STA 0+690 | 289 | | | | 25 | |
| | POLE STA 0+722 | 248 | | | | 32 | |
| | POLE STA 0+758 | 241 | | | | 36 | |
| CHAFFIELD ROAD | POLE STA 0+795 | 18517 | | | | 37 | |
| | POLE STA 0+827 | 3800 | | | | 32 | |
| | POLE STA 0+845 | NO # | | | | 18 | |
| | POLE STA 0+891 | 246 | | | | 46 | |
| | POLE STA 0+926 | 247 | | | | 35 | |
| NEWELL STREET | POLE STA 0+953 | 248 | | | | 27 | |
| | POLE STA 0+984 | 249 | | | | 31 | |
| | TOP OF POLE STA 1+020 | 5144 | | | | 36 | |
| | PULLBOX, PB4 STA 1+022.3 | | | | | 14.2 | |
| | PULLBOX, PB2 STA 1+042.7 | | | | | 29.1 | |
| CHESTNUT STREET | CONTROLLER STA 1+045.3 | | | | | 6 | |
| | PULLBOX, PB6 STA 1+097.2 | | | | | 54.4 | |
| | TOP OF POLE STA 1+101.9 | 11014 | | | | 16.8 | |
| | POLE STA 1+147 | 11013 | | | | 45.1 | |
| | POLE STA 1+169 | 11012 | | | | 22 | |
| HARTSHORN DROVE | POLE STA 1+196 | 256 | | | | 27 | |
| | POLE STA 1+232 | 3805 | | | | 36 | |
| | POLE STA 1+261 | 51472 | | | | 29 | |
| | POLE STA 1+286 | 51471 | | | | 25 | |
| | POLE STA 1+316 | 51470 | | | | 30 | |
| WALNUT AVENUE | POLE STA 1+341.9 | 792 | | | | 25.9 | |
| | TOP OF POLE, P2 STA 1+347.0 | | | | | 4 | |
| | PULLBOX, PB2 STA 1+347.4 | | | | | 17.7 | |
| | PULLBOX, PB8 STA 1+369.4 | | | | | 32.1 | |
| | CONTROLLER STA 1+362.2 | | | | | 14.1 | |
| WALNUT AVENUE | PULLBOX, PB8 STA 1+369.4 | | | | | 14.1 | |
| | PULLBOX, PB7 STA 1+398.2 | | | | | 31.8 | |
| | TOP OF POLE STA 1+405.8 | NO # | | | | 19.8 | |
| | POLE STA 1+442 | 263 | | | | 32 | |
| | POLE STA 1+474 | 264 | | | | 32 | |
| LEVAN DRIVE | POLE STA 1+506 | 265 | | | | 25 | |
| | POLE STA 1+531 | 267 | | | | 37 | |
| | POLE STA 1+568 | NO # | | | | 29 | |
| | POLE STA 1+597 | NO # | | | | 26 | |
| | POLE STA 1+623 | 271 | | | | 37 | |
| HAYES STREET | POLE STA 1+660 | 272 | | | | 38 | |
| | POLE STA 1+698 | NO # | | | | 26 | |
| | POLE STA 1+724 | NO # | | | | 30 | |
| | POLE STA 1+754 | NO # | | | | 34 | |
| | POLE STA 1+788 | 52512 | | | | 34 | |
| TOP OF POLE STA 1+867.2 | 279 | | | | 45.2 | | |
| WALNUT AVENUE | PULLBOX, PB5 STA 1+870.0 | | | | | | 15.2 |
| | PULLBOX, PB6 STA 1+912.6 | | | | | | 46.2 |
| | PULLBOX, PB7 STA 1+932.5 | | | | | | 24.6 |
| | PULLBOX, PB1 STA 1+946.3 | | | | | | 20 |
| | CONTROLLER STA 1+951.4 | | | | | | 7.6 |

| MENTOR AVENUE | | | | | | | |
|---------------|------|----------|---------|-------|----------------|----------------------|----------------------|
| INTERSECTION | ITEM | POLE NO. | CONDUIT | | TRENCH QTY (M) | 6 PAIR PE-36 QTY (M) | 6 PAIR PE-36 QTY (M) |
| | | | 51 mm | 76 mm | | | |
| TOTAL | | | 35.5 | 1.4 | | 1743.6 | 280.8 |

| MENTOR AVENUE INTERCONNECT STUBS | | | | | | | | |
|----------------------------------|------------------------------|-----------------------------|---------|-------|----------------|----------------------|----------------------|--|
| INTERSECTION | ITEM | POLE NO. | CONDUIT | | TRENCH QTY (M) | 6 PAIR PE-36 QTY (M) | 6 PAIR PE-36 QTY (M) | |
| | | | 51 mm | 76 mm | | | | |
| FERN AVENUE | CONTROLLER STA 0+155.3 | | 0 | 0 | 0 | 0 | 0 | |
| | PULLBOX, PB1 STA 0+155.5 | | | | | | 5.6 | |
| | PULLBOX, PB3 STA 0+156.0 | | | | | | 25.3 | |
| | TOP OF POLE STA 10+023.4 | 4421 | | | | | 25.9 | |
| | POLE STA 10+058.7 | 4435 | | | | | 35.3 | |
| | POLE STA 10+085.4 | 4434 | | | | | 26.7 | |
| | POLE STA 10+112.4 | 4433 | | | | | 27 | |
| | POLE STA 10+140.1 | 4432 | | | | | 27.7 | |
| | POLE STA 10+167.1 | 4431 | | | | | 27 | |
| | POLE STA 10+194.6 | 4430 | | | | | 27.5 | |
| | POLE STA 10+222.6 | 4429 | | | | | 28 | |
| | POLE STA 10+249.6 | 4428 | | | | | 27 | |
| | WEST JACKSON STREET | TOP OF POLE, P3 STA 0+361.6 | | | | | 11 | |
| | | PULLBOX, PB3 STA 0+377.9 | | | | | 5.2 | |
| | | PULLBOX, PB4 STA 0+358.3 | | | | | 22.9 | |
| CONTROLLER STA 0+350.7 | | | | | | 10.4 | | |
| TOTAL | | | 0.0 | 0.0 | 0.0 | 275.7 | 56.8 | |
| NEWELL STREET | POLE WITH TYPE TC-84.20 BOX | | 0 | 0 | 0 | 0 | | |
| | SPLICE ENCLOSURE STA 0+845.5 | | | | | | 0 | |
| | POLE STA 0+122.7 | 2714 | | | | | 32.2 | |
| | POLE STA 0+140.4 | 2715 | | | | | 17.7 | |
| | POLE STA 0+167.3 | 2716 | | | | | 26.9 | |
| | POLE STA 0+188.7 | 2717 | | | | | 21.4 | |
| | POLE STA 0+209.1 | 2719 | | | | | 20.4 | |
| | POLE STA 0+238.5 | 2720 | | | | | 29.4 | |
| | POLE STA 0+266.0 | 2721 | | | | | 27.5 | |
| | POLE STA 0+291.6 | 4428 | | | | | 25.6 | |
| | WEST JACKSON STREET | TOP OF POLE, P3 STA 1+045.3 | | | | | 2.1 | |
| | | PULLBOX, PB2 STA 1+046.4 | | | | | 15.2 | |
| | | CONTROLLER STA 1+050.4 | | | | | 6.9 | |
| TOTAL | | | 0.0 | 0.0 | 0.0 | 225.3 | 0.0 | |
| GRANT STREET | CONTROLLER STA 1+362.2 | | | | | 0 | | |
| | PULLBOX, PB8 STA 1+369.4 | | | | | 14.1 | | |
| | PULLBOX, PB6 STA 1+369.4 | | | | | 17.8 | | |
| | PULLBOX, PB9 STA 1+362.2 | | | | | 11.4 | | |
| | PULLBOX, PB10 STA 10+028.3 | | | | | 23.3 | | |
| | PULLBOX, PB11 STA 10+080.6 | | | | | 14.1 | | |
| | TOP OF POLE STA 10+031.6 | NO # | | | | 13.6 | | |
| | POLE STA 10+054.6 | 156 | | | | 23 | | |
| | POLE STA 10+083.6 | 2811 | | | | 29 | | |
| | POLE STA 10+114.6 | 2810 | | | | 31 | | |
| | POLE STA 10+145.6 | 2809 | | | | 31 | | |
| WEST JACKSON STREET | POLE STA 10+179.6 | 2808 | | | | 34 | | |
| | TOP OF POLE STA 1+560.7 | 155 | | | | 36 | | |
| | PULLBOX, PB2 STA 1+560.8 | | | | | 5.8 | | |
| | PULLBOX, PB1 STA 1+571.2 | | | | | 13.6 | | |
| | CONTROLLER STA 1+578.3 | | | | | 10.3 | | |
| TOTAL | | | 0.0 | 0.0 | 0.0 | 308 | 0.0 | |
| TOTAL | | | 0.0 | 0.0 | 0.0 | 809.0 | 56.8 | |

| SYSTEM TOTALS | | | | | |
|----------------------------------|-------------|------------|----------------|----------------------|----------------------|
| | CONDUIT | | TRENCH QTY (M) | 6 PAIR PE-36 QTY (M) | 6 PAIR PE-36 QTY (M) |
| | 51 mm | 76 mm | | | |
| MENTOR AVENUE | 35.5 | 1.4 | 0.0 | 1734.6 | 280.8 |
| MENTOR AVENUE INTERCONNECT STUBS | 0.0 | 0.0 | 0.0 | 809.0 | 56.8 |
| GRAND TOTALS TO SHEET 107 | 35.5 | 1.4 | 0.0 | 2543.6 | 337.6 |

INTERCONNECT SUB-SUMMARY
MENTOR AVENUE

LAKE COUNTY
LAK-20-22.916/VAR