

# INTERCONNECT QUANTITIES

|           |                     |                 |
|-----------|---------------------|-----------------|
| CALC. BY: | LAK-20/84-0.39/1.24 | OHIO            |
| DATE:     |                     | FHWA REGION 5   |
| CHKD. BY: |                     | FEDERAL PROJECT |
| DATE:     |                     |                 |

42  
46

| EUCLID AVE. (U.S. 20) SYSTEM |                             |                          |                           |                           |
|------------------------------|-----------------------------|--------------------------|---------------------------|---------------------------|
| INTERSECTION                 | CONNECTION                  | POLE NO.                 | 6 PAIR PE-39 QTY (IN FT.) | 6 PAIR PE-38 QTY (IN FT.) |
| EUCLID & BISHOP              | CONTROLLER STA 99+53, 39'L  |                          | 0                         |                           |
|                              | PULLBOX STA 99+72, 68'L     |                          | 45                        |                           |
|                              | PULLBOX STA 100+30, 68'L    |                          | 63                        |                           |
|                              | SIGNAL SUPPORT, P4          |                          | 42                        |                           |
|                              | POLE 89                     | NO NUMBER                |                           | 45                        |
| POLE 90                      | 086724                      |                          | 68                        |                           |
| POLE 91                      | 509425                      |                          | 105                       |                           |
| POLE 92                      | 509424                      |                          | 113                       |                           |
| POLE 93                      | 509423                      |                          | 104                       |                           |
| POLE 94                      | 509422                      |                          | 108                       |                           |
| POLE 95                      | NO NUMBER                   |                          | 96                        |                           |
| POLE 96                      | 509420                      |                          | 121                       |                           |
| POLE 97                      | 256561                      |                          | 152                       |                           |
| POLE 98                      | 229999                      |                          | 163                       |                           |
| POLE 99                      | 340146                      |                          | 96                        |                           |
| POLE 100                     | NO NUMBER                   |                          | 121                       |                           |
| POLE 101                     | 509416                      |                          | 107                       |                           |
|                              | PULLBOX STA 113+88, 27'L    |                          | 29                        |                           |
|                              | PULLBOX STA 114+40, 26'R    |                          | 80                        |                           |
| EUCLID & E. 290th            | CONTROLLER STA 114+45, 29'R |                          | 11                        |                           |
|                              | PULLBOX STA 114+40, 26'R    |                          | 11                        |                           |
|                              | PULLBOX STA 113+88, 27'L    |                          | 80                        |                           |
|                              | PULLBOX STA 114+40, 24'L    |                          | 57                        |                           |
|                              | POLE 103                    | NO NUMBER                | 102                       |                           |
|                              | POLE 104                    | NO NUMBER                |                           | 112                       |
|                              | POLE 105                    | NO NUMBER                |                           | 195                       |
|                              | POLE 106                    | NO NUMBER                |                           | 147                       |
|                              | POLE 107                    | 509412                   |                           | 116                       |
|                              | POLE 108                    | 509411                   |                           | 153                       |
|                              | POLE 109                    | 316847                   |                           | 92                        |
|                              | POLE 110                    | 246786                   |                           | 91                        |
|                              | POLE 111                    | 509409                   |                           | 114                       |
|                              | POLE 112                    | 509408                   |                           | 105                       |
|                              |                             | PULLBOX STA 125+77, 22'L |                           | 31                        |
|                              | PULLBOX STA 125+91, 29'R    |                          | 57                        |                           |
| EUCLID & LLOYD/LINCOLN       | CONTROLLER STA 125+94, 36'R |                          | 16                        |                           |
|                              | PULLBOX STA 125+96, 41'R    |                          | 8                         |                           |
|                              | PULLBOX STA 126+58, 28'R    |                          | 68                        |                           |
|                              | PULLBOX STA 127+04, 29'R    |                          | 51                        |                           |
|                              | PULLBOX STA 127+80, 28'R    |                          | 84                        |                           |
|                              | PULLBOX STA 128+76, 25'R    |                          | 104                       |                           |
|                              | POLE 115                    | 296825                   | 33                        |                           |
|                              | POLE 116                    | 296828                   |                           | 125                       |
|                              | POLE 117                    | 321540                   |                           | 125                       |
|                              | POLE 118                    | 296831                   |                           | 162                       |
|                              | POLE 119                    | 313302                   |                           | 99                        |
|                              | POLE 120                    | 543228                   |                           | 55                        |
|                              | POLE 121                    | 318076                   |                           | 44                        |
|                              | POLE 122                    | 358272                   |                           | 112                       |
|                              | POLE 123                    | NO NUMBER                |                           | 93                        |
| POLE 124                     | 296837                      |                          | 151                       |                           |
| POLE 125                     | NO NUMBER                   |                          | 106                       |                           |
| POLE 126                     | 296839                      |                          | 134                       |                           |
|                              | PULLBOX STA 140+15, 30'R    |                          | 84                        |                           |
|                              | PULLBOX STA 140+11, 22'L    |                          | 58                        |                           |
|                              | PULLBOX STA 140+34, 32'L    |                          | 31                        |                           |
| EUCLID & ROCKEFELLER         | CONTROLLER STA 140+34, 44'L |                          | 17                        |                           |
|                              | PULLBOX STA 140+34, 32'L    |                          | 17                        |                           |
|                              | PULLBOX STA 140+11, 22'L    |                          | 31                        |                           |
|                              | PULLBOX STA 140+15, 30'R    |                          | 58                        |                           |
|                              | PULLBOX STA 140+73, 26'R    |                          | 63                        |                           |
|                              | POLE 127                    | 296841                   | 33                        |                           |
|                              | POLE 128                    | 296842                   |                           | 140                       |
|                              | POLE 129                    | NO NUMBER                |                           | 119                       |
|                              | POLE 130                    | 296845                   |                           | 119                       |

| EUCLID AVE. (U.S. 20) SYSTEM     |                             |                             |                           |                           |  |
|----------------------------------|-----------------------------|-----------------------------|---------------------------|---------------------------|--|
| INTERSECTION                     | CONNECTION                  | POLE NO.                    | 6 PAIR PE-39 QTY (IN FT.) | 6 PAIR PE-38 QTY (IN FT.) |  |
|                                  | POLE 131                    | 300995                      |                           | 122                       |  |
|                                  | POLE 132                    | NO NUMBER                   |                           | 81                        |  |
|                                  | POLE 133                    | 296848                      |                           | 70                        |  |
|                                  | POLE 134                    | NO NUMBER                   |                           | 141                       |  |
| EUCLID & E. 296th                | CONTROLLER STA 148+42, 23'R |                             | 36                        |                           |  |
|                                  | POLE 134                    | NO NUMBER                   | 36                        |                           |  |
|                                  | POLE 135                    | 296850                      |                           | 154                       |  |
|                                  | POLE 136                    | 340154                      |                           | 133                       |  |
|                                  | POLE 137                    | NO NUMBER                   |                           | 166                       |  |
|                                  | POLE 138                    | 296885                      |                           | 126                       |  |
|                                  | POLE 139                    | 296857                      |                           | 121                       |  |
|                                  | POLE 140                    | 296858                      |                           | 146                       |  |
|                                  | POLE 141                    | 332952                      |                           | 133                       |  |
|                                  | POLE 142                    | 352738                      |                           | 134                       |  |
|                                  | POLE 143                    | 352735                      |                           | 134                       |  |
|                                  |                             | PULLBOX STA 161+68, 23'R    |                           | 78                        |  |
|                                  |                             | PULLBOX STA 162+04, 23'R    |                           | 42                        |  |
|                                  |                             | PULLBOX STA 162+08, 37'L    |                           | 67                        |  |
|                                  | EUCLID & WORDEN             | CONTROLLER STA 162+09, 44'L |                           | 12                        |  |
| PULLBOX STA 162+08, 37'L         |                             |                             | 12                        |                           |  |
| PULLBOX STA 162+04, 23'R         |                             |                             | 67                        |                           |  |
| PULLBOX STA 162+96, 23'R         |                             |                             | 97                        |                           |  |
| PULLBOX STA 163+78, 22'R         |                             |                             | 87                        |                           |  |
| POLE 145                         |                             | 352736                      | 82                        |                           |  |
| POLE 146                         |                             | 296867                      |                           | 151                       |  |
| POLE 147                         |                             | 296869                      |                           | 169                       |  |
| POLE 148                         |                             | 296870                      |                           | 120                       |  |
| POLE 149                         |                             | 296872                      |                           | 124                       |  |
| POLE 150                         |                             | 307596                      |                           | 117                       |  |
|                                  |                             | PULLBOX STA 171+21, 31'R    |                           | 128                       |  |
|                                  |                             | PULLBOX STA 171+90, 24'R    |                           | 74                        |  |
| EUCLID & E. 300th                |                             | CONTROLLER STA 171+83, 32'R |                           | 16                        |  |
|                                  |                             | PULLBOX STA 171+90, 24'R    |                           | 16                        |  |
|                                  | POLE 151                    | 306202                      | 30                        |                           |  |
|                                  | POLE 152                    | NO NUMBER                   |                           | 94                        |  |
|                                  | POLE 153                    | 352468                      |                           | 119                       |  |
|                                  | POLE 154                    | 344522                      |                           | 97                        |  |
|                                  | POLE 155                    | 296882                      |                           | 162                       |  |
|                                  | POLE 156                    | 296883                      |                           | 155                       |  |
|                                  | POLE 157                    | 296886                      |                           | 94                        |  |
|                                  | POLE 158                    | 300770                      |                           | 187                       |  |
|                                  | POLE 159                    | NO NUMBER                   |                           | 80                        |  |
|                                  | POLE 160                    | NO NUMBER                   |                           | 94                        |  |
|                                  | POLE 161                    | NO NUMBER                   |                           | 153                       |  |
|                                  | POLE 162                    | 296894                      |                           | 155                       |  |
|                                  | POLE 163                    | 296895                      |                           | 152                       |  |
| POLE 164                         | 296898                      |                             | 135                       |                           |  |
|                                  | PULLBOX STA 189+03, 31'R    |                             | 114                       |                           |  |
|                                  | PULLBOX STA 188+99, 31'L    |                             | 66                        |                           |  |
| EUCLID & DRENK/PALISADES         | CONTROLLER 188+85, 31'L     |                             | 20                        |                           |  |
|                                  | PULLBOX STA1 188+99, 31'L   |                             | 20                        |                           |  |
|                                  | PULLBOX STA 189+03, 31'R    |                             | 66                        |                           |  |
|                                  | PULLBOX STA 189+65, 23'R    |                             | 68                        |                           |  |
|                                  | POLE 165                    | NO NUMBER                   | 36                        |                           |  |
|                                  | POLE 166                    | 296902                      |                           | 116                       |  |
|                                  | POLE 167                    | 296926                      |                           | 154                       |  |
|                                  | POLE 168                    | 251843                      |                           | 138                       |  |
|                                  | POLE 169                    | 320861                      |                           | 139                       |  |
|                                  | POLE 170                    | 352467                      |                           | 134                       |  |
|                                  | POLE 171                    | 352465                      |                           | 148                       |  |
|                                  | POLE 172                    | 543948                      |                           | 128                       |  |
|                                  | POLE 173                    | 686043                      |                           | 99                        |  |
|                                  |                             | PULLBOX STA 201+18, 31'R    |                           | 89                        |  |
|                                  | EUCLID & RUSH/E. 305th      | CONTROLLER STA 201+18, 43'R |                           | 16                        |  |
| TOTALS TO SHEET 43 (NH-69 (91) ) |                             |                             | 2739                      | 9183                      |  |