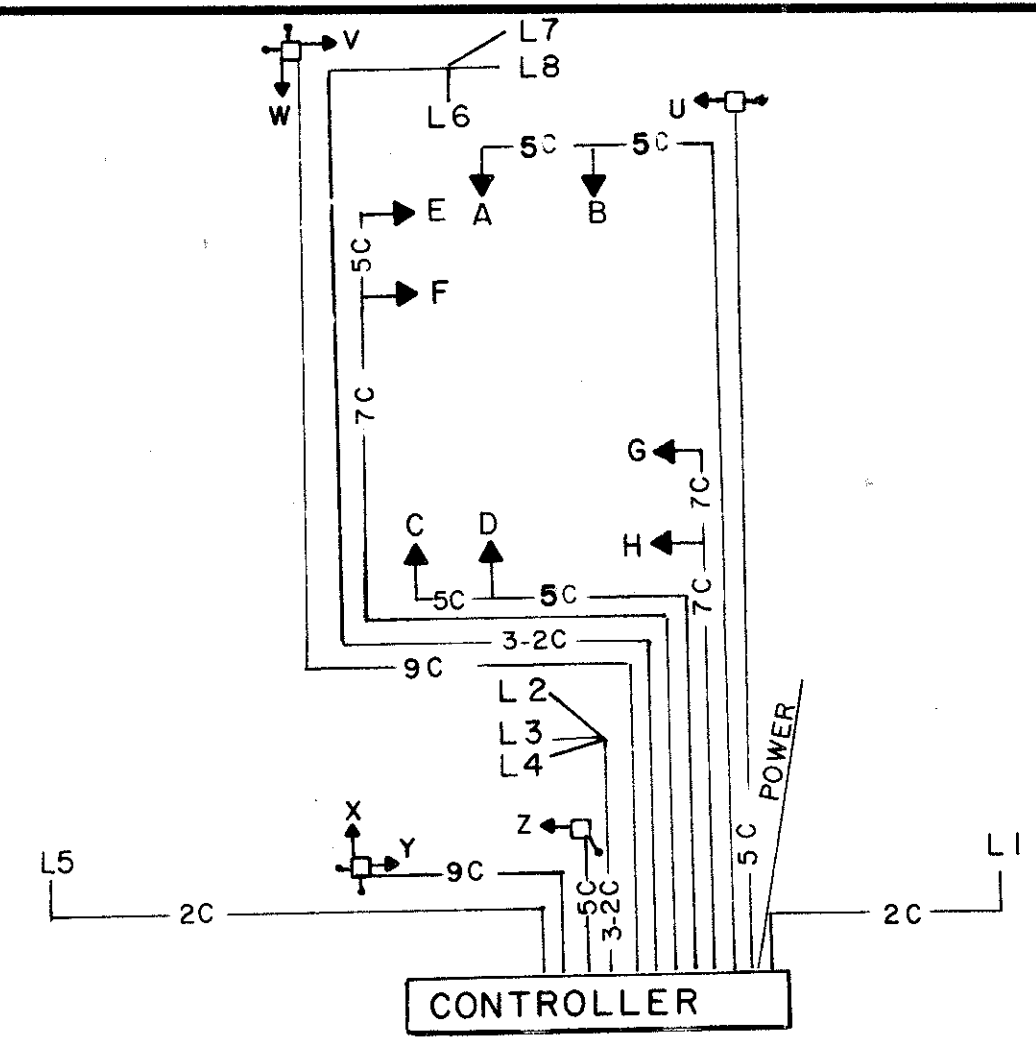
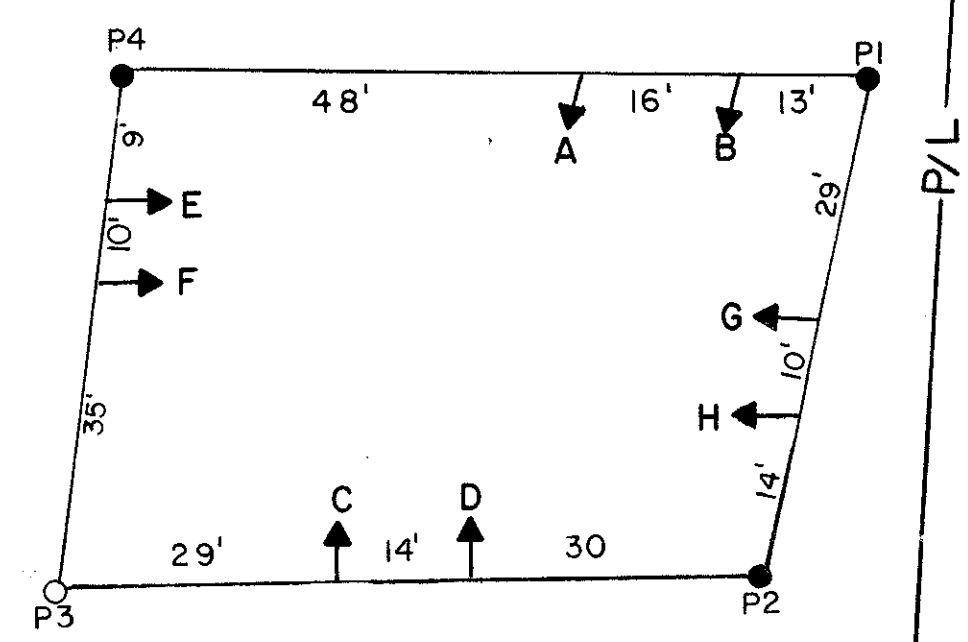


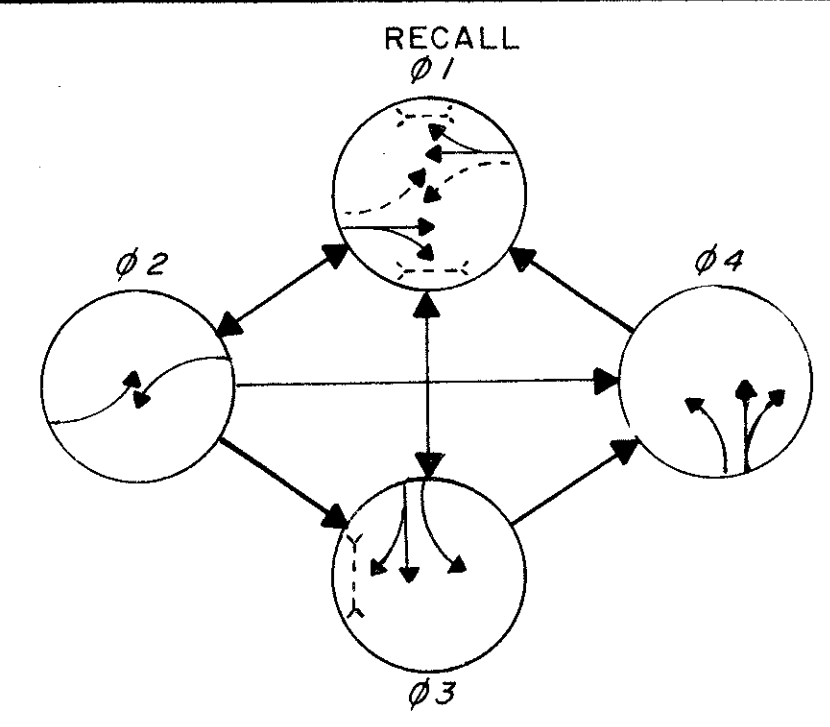
LAKE COUNTY



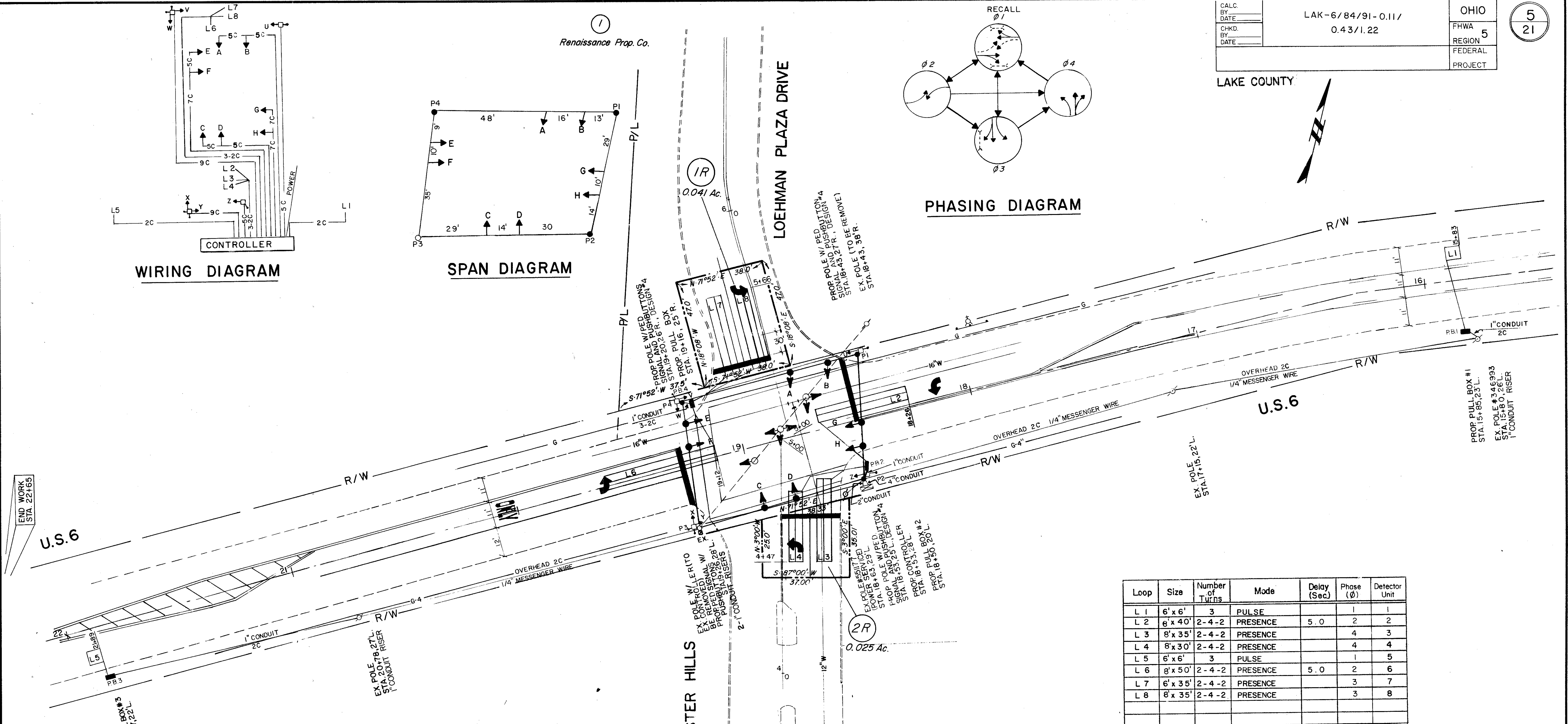
WIRING DIAGRAM



SPAN DIAGRAM



PHASING DIAGRAM



| Loop | Size     | Number of Turns | Mode     | Delay (Sec) | Phase (Ø) | Detector Unit |
|------|----------|-----------------|----------|-------------|-----------|---------------|
| L 1  | 6' x 6'  | 3               | PULSE    |             | 1         | 1             |
| L 2  | 6' x 40' | 2-4-2           | PRESENCE | 5.0         | 2         | 2             |
| L 3  | 8' x 35' | 2-4-2           | PRESENCE |             | 4         | 3             |
| L 4  | 8' x 30' | 2-4-2           | PRESENCE |             | 4         | 4             |
| L 5  | 6' x 6'  | 3               | PULSE    |             | 1         | 5             |
| L 6  | 8' x 50' | 2-4-2           | PRESENCE | 5.0         | 2         | 6             |
| L 7  | 6' x 35' | 2-4-2           | PRESENCE |             | 3         | 7             |
| L 8  | 8' x 35' | 2-4-2           | PRESENCE |             | 3         | 8             |

LOOP CHART

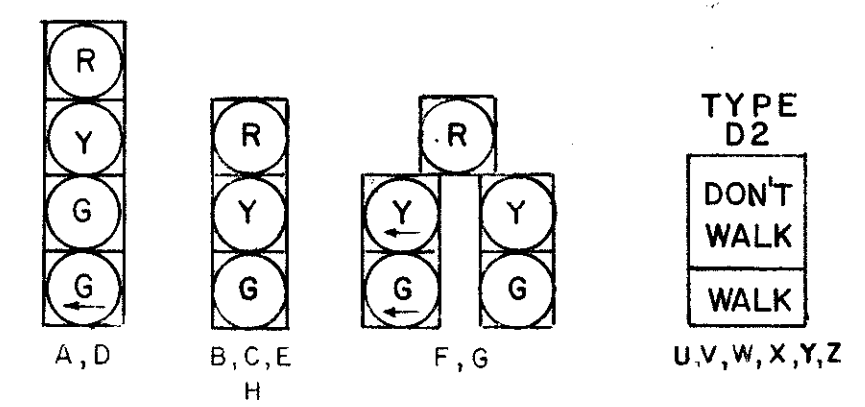
| FUNCTION          | Ø1  | Ø2  | Ø3  | Ø4  |
|-------------------|-----|-----|-----|-----|
| INITIAL GREEN     |     | 2   | 2   | 2   |
| MINIMUM GREEN     | 2.5 |     |     |     |
| PED WALK          | 7   |     | 7   |     |
| PED CLEARANCE     | 1.4 |     | 10  |     |
| GREEN EXTENSION   |     | 2   | 2   | 2   |
| MAXIMUM GREEN     |     | 2.0 | 2.5 | 1.0 |
| YELLOW CLEARANCE  | 3   | 3   | 3   | 3   |
| ALL RED CLEARANCE | 2   | 1   |     |     |
| RECALL            | 0 N | OFF | OFF | OFF |

SUGGESTED SIGNAL TIMING

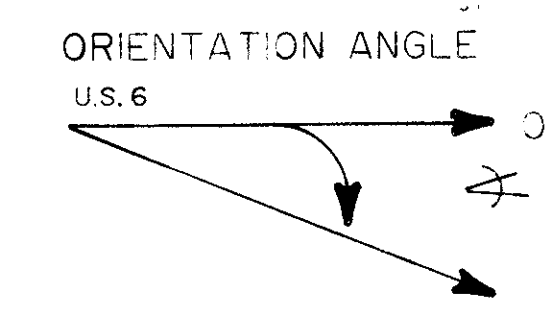
| SIGNAL HEAD | Ø 1 |       | Ø 2 |       | Ø 3 |       | Ø 4 |       | FLASH            |
|-------------|-----|-------|-----|-------|-----|-------|-----|-------|------------------|
|             | R/W | CLEAR | R/W | CLEAR | R/W | CLEAR | R/W | CLEAR |                  |
| A           | R   | R     | R   | R     | R   | R     | R   | R     | Y R R            |
| B           | R   | R     | R   | R     | R   | R     | R   | R     | G G Y R R        |
| C           | R   | R     | R   | R     | R   | R     | R   | R     | G G Y R R R R R  |
| D           | R   | R     | R   | R     | R   | R     | R   | R     | G G Y R R R R R  |
| E           | G   | G     | Y   | R     | R   | R     | R   | R     | R R R R R Y      |
| F           | G   | G     | Y   | R     | R   | R     | R   | R     | R R R R R Y      |
| G           | G   | G     | Y   | R     | R   | R     | R   | R     | R R R R R Y      |
| H           | G   | G     | Y   | R     | R   | R     | R   | R     | R R R R R Y      |
| U-V         | W   | FDW   | DW  | DW    | DW  | DW    | DW  | DW    | DW DW DARK       |
| W-X         | DW  | DW    | DW  | DW    | DW  | DW    | DW  | DW    | DW DW DW DW DARK |
| Y-Z         | W   | FDW   | DW  | DW    | DW  | DW    | DW  | DW    | DW DW DW DW DARK |

SIGNAL DISPLAY CHART

2  
Winchester Devel.



12" SIGNAL HEADS



TRAFF-PRO CONSULTANTS INC.  
WILLOU HBY OHIO

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
U.S. 6  
AND  
WINCHESTER HILLS DRIVEWAY

| DESIGNED | DRAWN | TRACED | CHECKED | REVIEW | DATE | REVISED |
|----------|-------|--------|---------|--------|------|---------|
|          |       |        |         |        |      |         |

R/W & TRAFFIC CONTROL PLAN