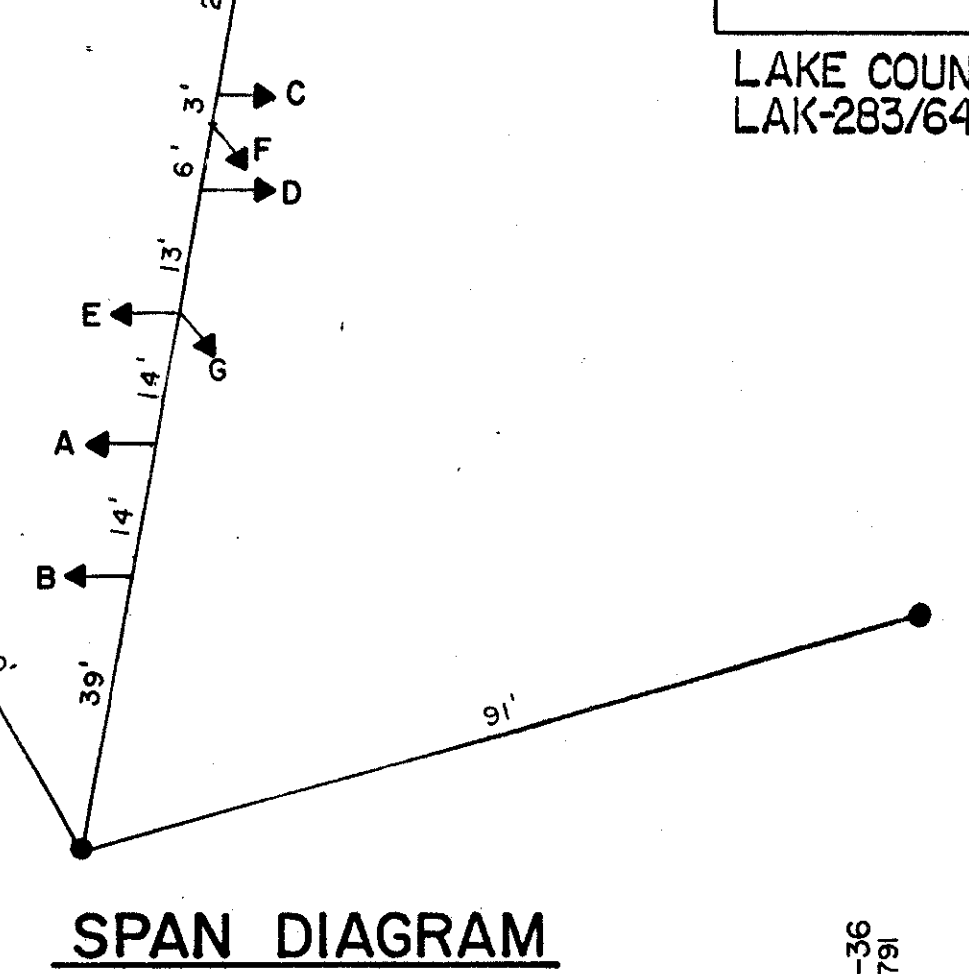
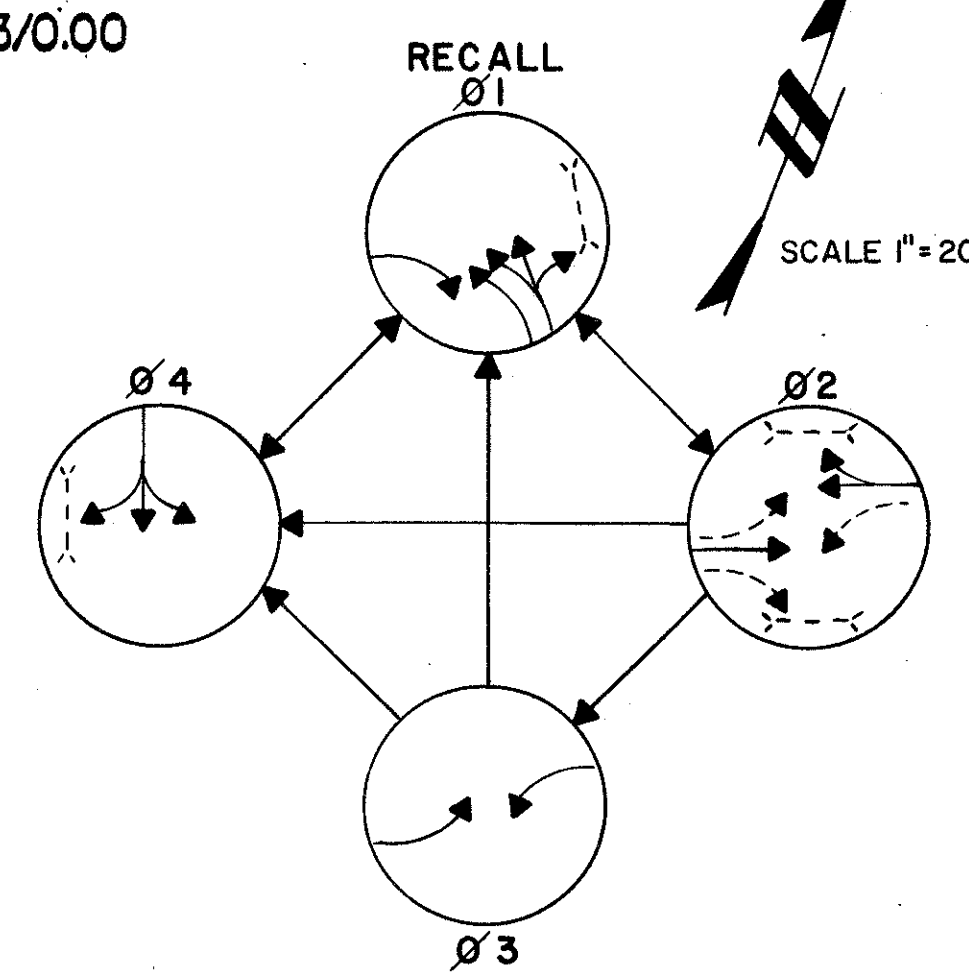


WIRING DIAGRAM

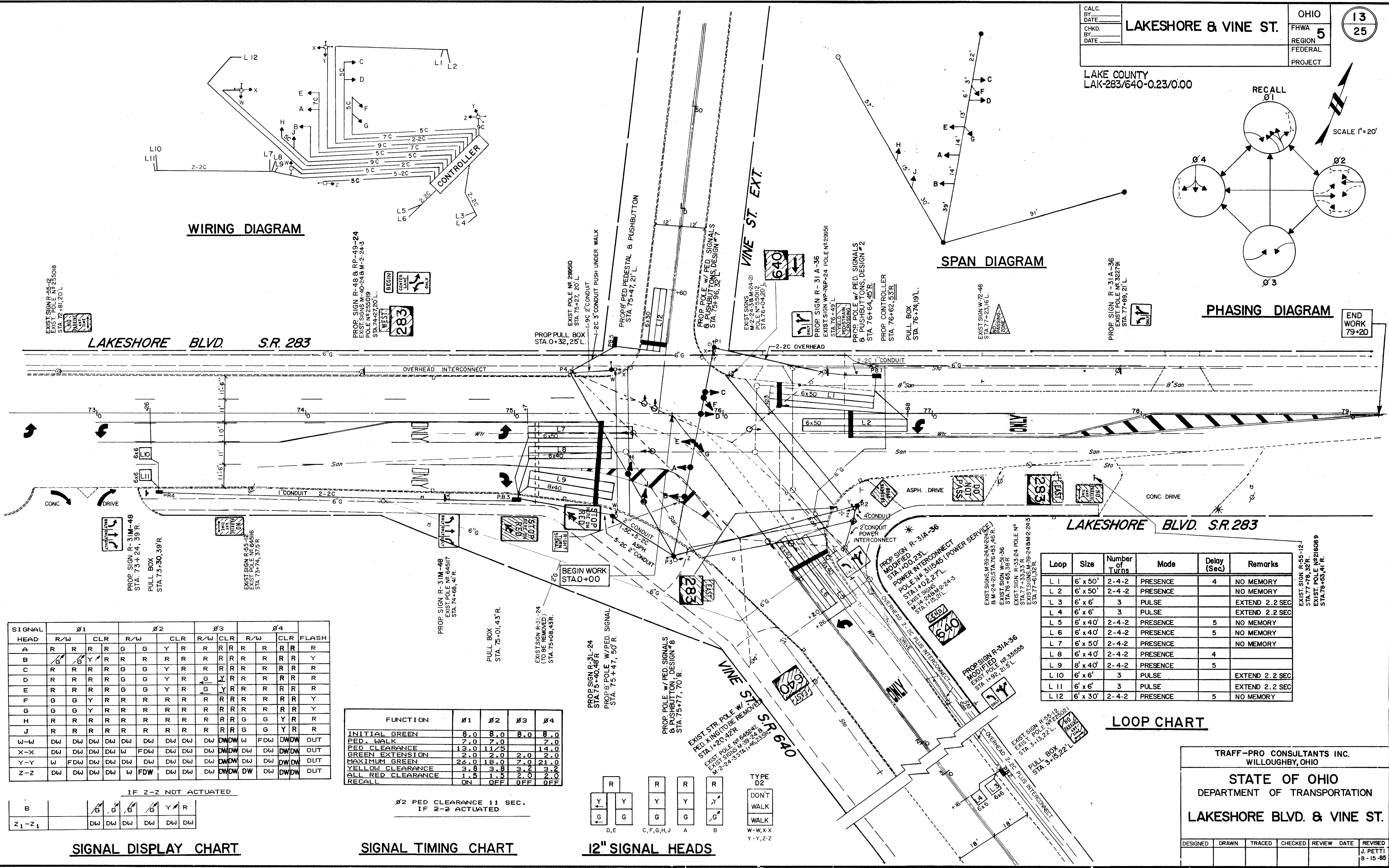


SPAN DIAGRAM



PHASING DIAGRAM

END WORK 79+20



| SIGNAL HEAD | Ø1 | | | | Ø2 | | | | Ø3 | | | | Ø4 | | | | FLASH |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|-------|
| | R/W | CLR | R/W | CLR | R/W | CLR | R/W | CLR | R/W | CLR | R/W | CLR | R/W | CLR | | | |
| A | R | R | R | R | G | G | Y | R | R | R | R | R | R | R | R | | |
| B | R | R | R | R | G | G | Y | R | R | R | R | R | R | R | Y | | |
| C | R | R | R | R | G | G | Y | R | R | R | R | R | R | R | R | | |
| D | R | R | R | R | G | G | Y | R | R | R | R | R | R | R | R | | |
| E | R | R | R | R | G | G | Y | R | R | R | R | R | R | R | R | | |
| F | G | G | Y | R | 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 | R | Y | | |
| H | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | | |
| J | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | | |
| W-W | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | FDW | DW | OUT | | |
| X-X | DW | DW | DW | DW | FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | OUT | | |
| Y-Y | W | FDW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | OUT | | |
| Z-Z | DW | DW | DW | DW | W | FDW | DW | DW | DW | DW | DW | DW | DW | DW | OUT | | |

IF Z-2 NOT ACTUATED

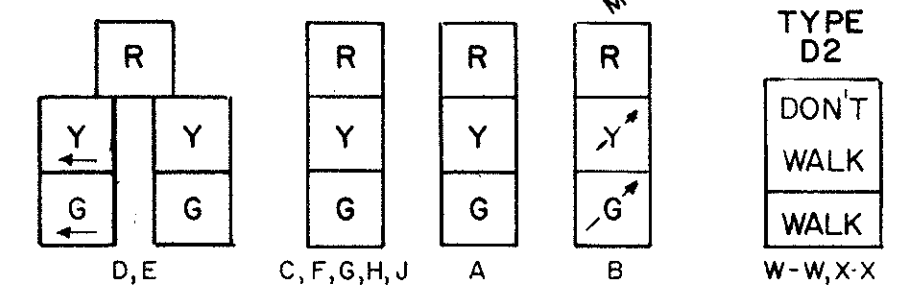
| | | | | | | |
|-------|----|----|----|----|----|----|
| B | 6 | 6 | 6 | 6 | Y | R |
| Z1-Z1 | DW | DW | DW | DW | DW | DW |

SIGNAL DISPLAY CHART

| FUNCTION | Ø1 | Ø2 | Ø3 | Ø4 |
|-------------------|------|------|------|------|
| INITIAL GREEN | 8.0 | 8.0 | 8.0 | 8.0 |
| PED. WALK | 7.0 | 7.0 | 7.0 | 7.0 |
| PED CLEARANCE | 13.0 | 11.0 | 13.0 | 14.0 |
| GREEN EXTENSION | 2.0 | 2.0 | 2.0 | 2.0 |
| MAXIMUM GREEN | 26.0 | 18.0 | 27.0 | 21.0 |
| YELLOW CLEARANCE | 3.8 | 3.0 | 3.2 | 3.2 |
| ALL RED CLEARANCE | 1.5 | 1.2 | 2.0 | 2.0 |
| RECALL | ON | OFF | OFF | OFF |

Ø2 PED CLEARANCE 11 SEC. IF 2-2 ACTUATED

SIGNAL TIMING CHART



12" SIGNAL HEADS

| Loop | Size | Number of Turns | Mode | Delay (Sec) | Remarks |
|------|----------|-----------------|----------|-------------|----------------|
| L 1 | 6' x 50' | 2-4-2 | PRESENCE | 4 | NO MEMORY |
| L 2 | 6' x 50' | 2-4-2 | PRESENCE | 4 | NO MEMORY |
| L 3 | 6' x 6' | 3 | PULSE | | EXTEND 2.2 SEC |
| L 4 | 6' x 6' | 3 | PULSE | | EXTEND 2.2 SEC |
| L 5 | 6' x 40' | 2-4-2 | PRESENCE | 5 | NO MEMORY |
| L 6 | 6' x 40' | 2-4-2 | PRESENCE | 5 | NO MEMORY |
| L 7 | 6' x 50' | 2-4-2 | PRESENCE | 4 | NO MEMORY |
| L 8 | 6' x 40' | 2-4-2 | PRESENCE | 4 | |
| L 9 | 8' x 40' | 2-4-2 | PRESENCE | 5 | |
| L 10 | 6' x 6' | 3 | PULSE | | EXTEND 2.2 SEC |
| L 11 | 6' x 6' | 3 | PULSE | | EXTEND 2.2 SEC |
| L 12 | 6' x 30' | 2-4-2 | PRESENCE | 5 | NO MEMORY |

LOOP CHART

TRAFF-PRO CONSULTANTS INC. WILLOUGHBY, OHIO
 STATE OF OHIO DEPARTMENT OF TRANSPORTATION
 LAKESHORE BLVD. & VINE ST.

| DESIGNED | DRAWN | TRACED | CHECKED | REVIEW | DATE | REVISED |
|----------|-------|--------|---------|--------|------|------------------|
| | | | | | | J. PETTI 8-15-85 |

TRAFFIC CONTROL PLAN