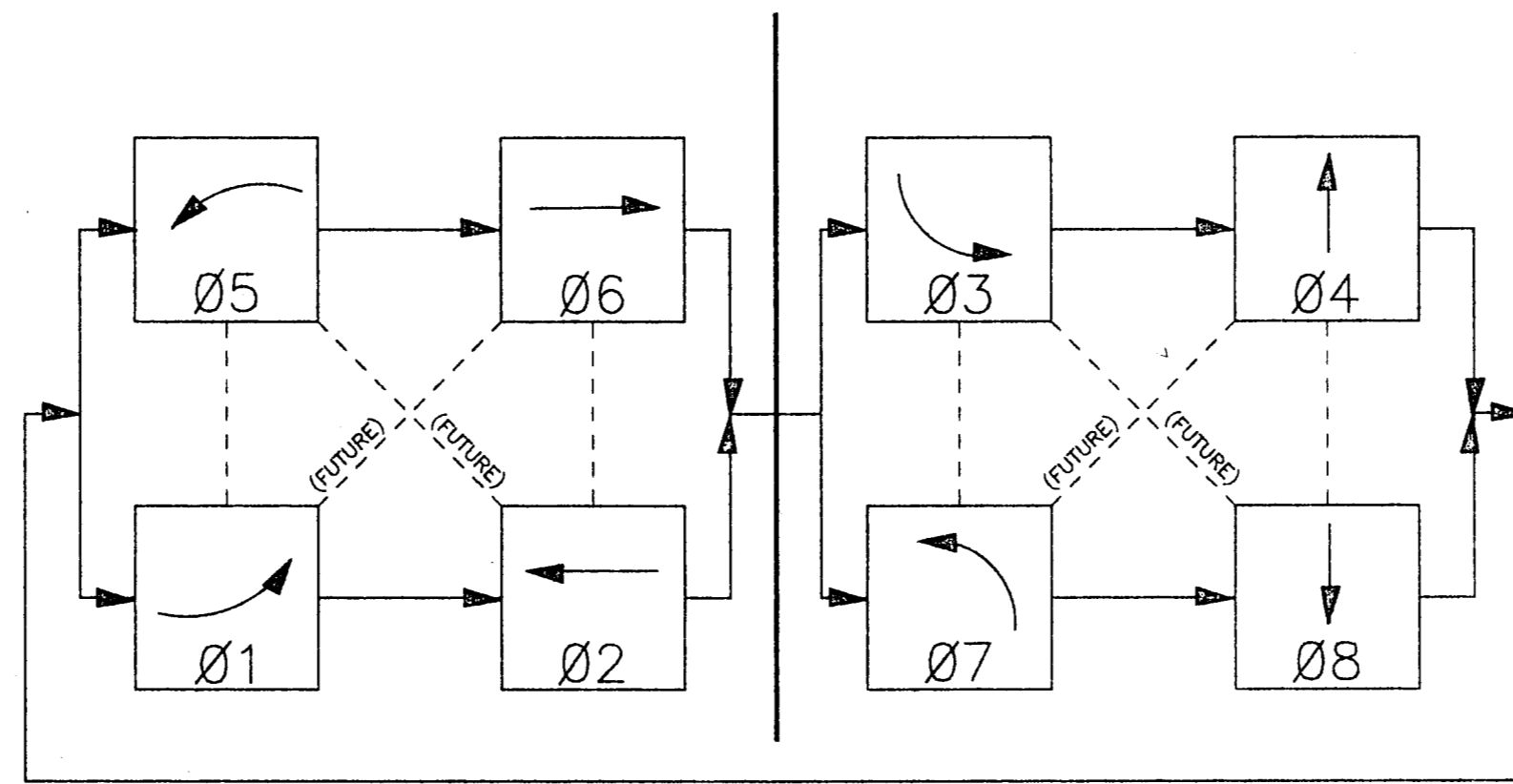


PHASE DIAGRAM



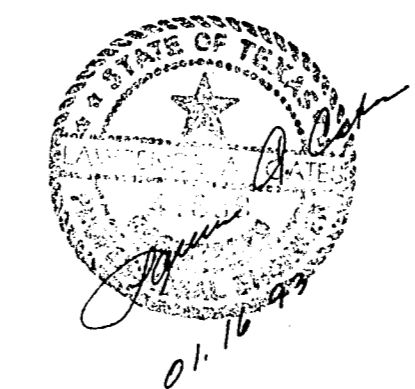
PHASE SEQUENCE

| SIGNAL FACES (Proposed & Existing) | | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|
| HEAD NO. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| INDICATION | R | R | R | R | R | R | R | R | R | R | R | R | R | DW | DW | DW | DW | DW | DW | DW | DW | R |
| | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | | | | | | | | | Y |
| | G | G | G | G | G | G | G | G | G | G | G | G | G | | | | | | | | | G |

| PHASE | SIGNAL HEAD NO. | 01 + 05 | | | | | 02 + 06 | | | | | 03 + 07 | | | | | 04 + 08 | | | | | 01 + 06 | | | | | 02 + 05 | | | | | 03 + 08 | | | | | 04 + 07 | | | | | FLASHING OPERATION | | | | | | | | |
|-------|-----------------|---------|------------|----------------|----------------|----------------|-----------|-----|------------|----------------|----------------|----------------|-----------|-----|------------|----------------|----------------|----------------|-----------|-----|------------|----------------|----------------|----------------|-----------|-----|------------|----------------|----------------|-----------|-----|------------|----------------|----------------|-----------|-----|------------|----------------|----------------|-----------|-----|--------------------|----------------|----------------|-----------|------------------|----------|----|----|----|
| | | R/W | PED. CLEAR | CLEAR TO PHASE | CLEAR TO PHASE | CLEAR TO PHASE | ALL CLEAR | R/W | PED. CLEAR | CLEAR TO PHASE | CLEAR TO PHASE | CLEAR TO PHASE | ALL CLEAR | R/W | PED. CLEAR | CLEAR TO PHASE | CLEAR TO PHASE | CLEAR TO PHASE | ALL CLEAR | R/W | PED. CLEAR | CLEAR TO PHASE | CLEAR TO PHASE | CLEAR TO PHASE | ALL CLEAR | R/W | PED. CLEAR | CLEAR TO PHASE | CLEAR TO PHASE | ALL CLEAR | R/W | PED. CLEAR | CLEAR TO PHASE | CLEAR TO PHASE | ALL CLEAR | R/W | PED. CLEAR | CLEAR TO PHASE | CLEAR TO PHASE | ALL CLEAR | R/W | PED. CLEAR | CLEAR TO PHASE | CLEAR TO PHASE | ALL CLEAR | UNIF. CODE FLASH | CONFLICT | | | |
| 02 | 1-3 | R | | R | R | R | R | G | G | Y | G | Y | Y | R | | R | R | R | R | R | R | R | R | R | R | R | R | R | G | G | G | Y | Y | R | R | R | R | R | R | R | R | R | R | Y | R | | | | | |
| 08 | 4,22 | R | | R | R | R | R | R | R | R | R | R | R | R | | R | R | R | R | R | G | G | Y | Y | G | Y | R | R | R | R | R | R | G | G | G | Y | Y | R | R | R | R | R | R | R | R | | | | | |
| 03 | 5 | R | | R | R | R | R | R | R | R | R | R | R | G/R | | Y/R | G/R | Y/R | Y/R | G | G | Y | Y | G | Y | R | R | R | R | R | R | R | G | G | Y | Y | R | R | R | R | R | R | R | R | R | | | | | |
| 06 | 6-8 | R | | R | R | R | R | G | G | Y | Y | G | Y | R | | R | R | R | R | R | R | R | R | R | R | R | G | G | G | Y | Y | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Y | R | | | |
| 04 | 9-10 | R | | R | R | R | R | R | R | R | R | R | R | R | | R | R | R | R | R | G | G | Y | G | Y | Y | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | | | |
| 07 | 11 | R | OMIT | R | R | R | R | R | R | R | R | R | R | G/R | OMIT | Y/R | Y/R | G/R | Y/R | G | G | Y | G | Y | Y | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | | |
| 05 | 12 | G/R | | Y/R | Y/R | G/R | Y/R | G | G | Y | G | Y | Y | R | | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Y | R | |
| 01 | 13 | G/R | | Y/R | G/R | Y/R | Y/R | G | G | Y | Y | G | Y | R | | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | R | Y | R | |
| 02P | 14,21 | DW | | DW | DW | DW | DW | W | FDW | DW | W | DW | DW | DW | | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | | |
| 08P | 15,16 | DW | | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | | DW | DW | DW | DW | DW | W | FDW | DW | DW | W | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | |
| 06P | 17,18 | DW | | DW | DW | DW | DW | W | FDW | DW | DW | W | DW | DW | | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW |
| 04P | 19,20 | DW | | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | | DW | DW | DW | DW | DW | W | FDW | DW | W | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW | DW |

PHASE & SIGNAL HEAD IDENTIFICATION

NOTE:
 AT THE TIME OF THIS INSTALLATION, THE FOLLOWING PHASE COMBINATIONS WILL NOT BE UTILIZED:
 01+06, 02+05, 03+08, 04+07
 THESE ARE SHOWN FOR FUTURE USE ONLY.



AS BUILTS
 I CERTIFY THIS PROJECT WAS CONSTRUCTED IN GENERAL CONFORMANCE WITH THESE CONSTRUCTION PLANS AND WILL FUNCTION AS DESIGNED.

| PHASE & SIGNAL HEAD IDENTIFICATION | | | | | | |
|------------------------------------|-------|---------|-------|-------|------------------------------------|-----|
| BELTLINE RD. EAST OF MARSH LN. | | | | | | |
| TOWN OF ADDISON, TEXAS | | | | | | |
| LAWRENCE A. CATES & ASSOC. | | | | | CONSULTING ENGINEERS DALLAS, TEXAS | |
| DESIGN | DRAWN | DATE | SCALE | NOTES | FILE | NO. |
| LAC | LAC | 8/24/92 | NTS | | 92023 | T2 |

