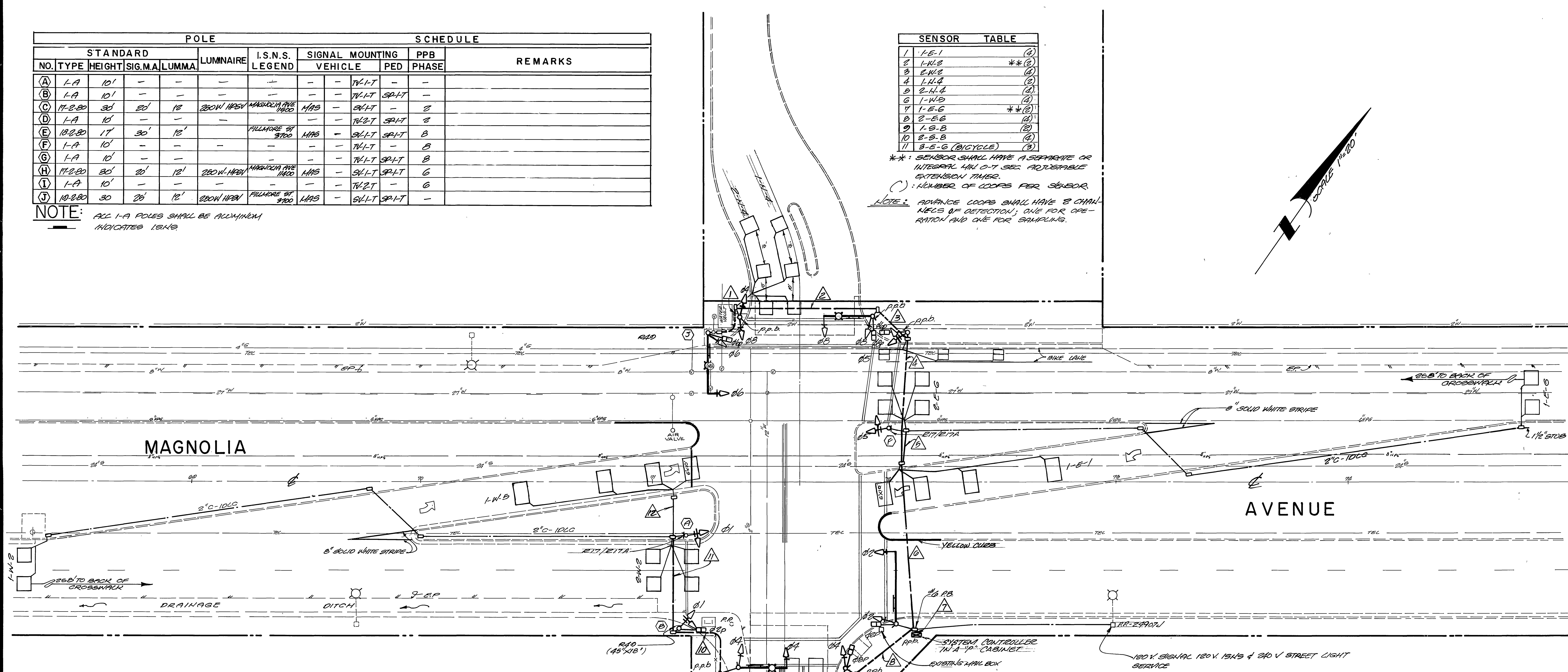
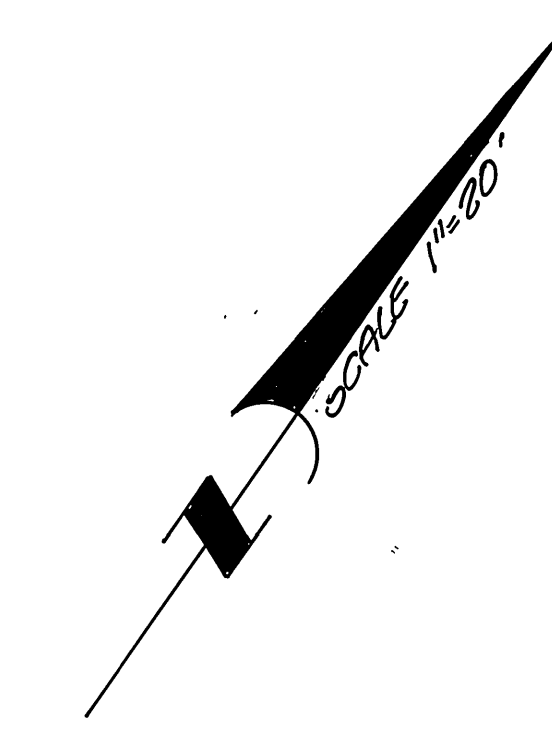


| POLE | | | | | | SCHEDULE | | | | | REMARKS |
|----------|---------|--------|----------|-----------------|------------------|-------------------|---------|--------|--------|---|---------|
| STANDARD | | | LUMNAIRE | I.S.N.S. LEGEND | SIGNAL MOUNTING | | PPB | | | | |
| NO. | TYPE | HEIGHT | | | SIG. M. | LUMMA | VEHICLE | PED | PHASE | | |
| (A) | 1-A | 10' | - | - | - | - | TV-1-T | - | - | | |
| (B) | 1-A | 10' | - | - | - | - | TV-1-T | SP-1-T | - | | |
| (C) | 17-2-20 | 20' | 20' | 12' | 280W HPSV | MAGNOLIA AVE 1400 | MAS | SP-1-T | - | 2 | |
| (D) | 1-A | 10' | - | - | - | - | TV-2-T | SP-1-T | 3 | | |
| (E) | 13-2-20 | 17' | 30' | 12' | FILLMORE ST 3700 | MAS | SP-1-T | SP-1-T | 3 | 3 | |
| (F) | 1-A | 10' | - | - | - | - | TV-1-T | - | 3 | | |
| (G) | 1-A | 10' | - | - | - | - | TV-1-T | SP-1-T | 3 | | |
| (H) | 17-2-20 | 20' | 20' | 12' | 280W HPSV | MAGNOLIA AVE 1400 | MAS | SP-1-T | SP-1-T | 6 | |
| (I) | 1-A | 10' | - | - | - | - | TV-2-T | - | 6 | | |
| (J) | 10-2-20 | 30' | 26' | 12' | 280W HPSV | FILLMORE ST 3700 | MAS | SP-1-T | SP-1-T | - | |

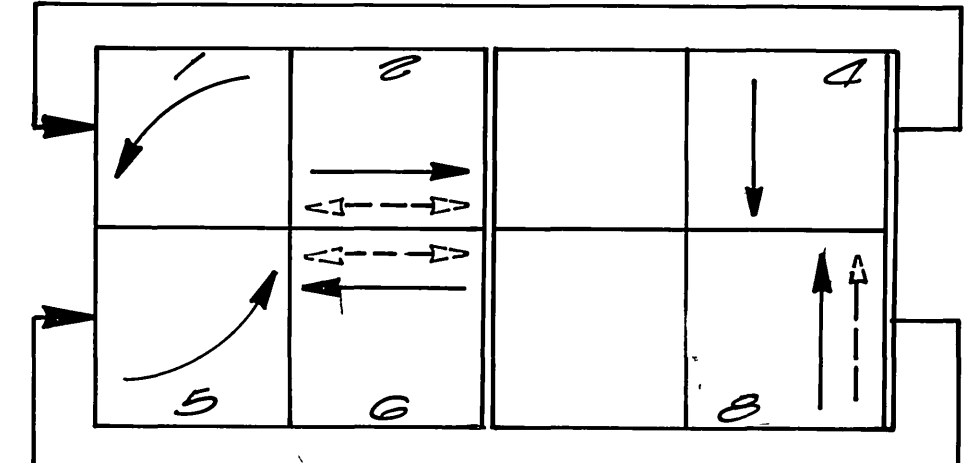
NOTE: ALL 1-A POLES SHALL BE ALUMINUM INDICATED ISKA

| SENSOR TABLE | |
|--------------|---------------------|
| 1 | 1-E-1 (2) |
| 2 | 1-K-2 (**)(2) |
| 3 | 2-K-2 (2) |
| 4 | 1-H-4 (2) |
| 5 | 2-H-4 (2) |
| 6 | 1-W-2 (2) |
| 7 | 1-E-6 (**)(2) |
| 8 | 2-E-6 (2) |
| 9 | 1-S-8 (2) |
| 10 | 2-S-8 (2) |
| 11 | 3-E-6 (BICYCLE) (2) |

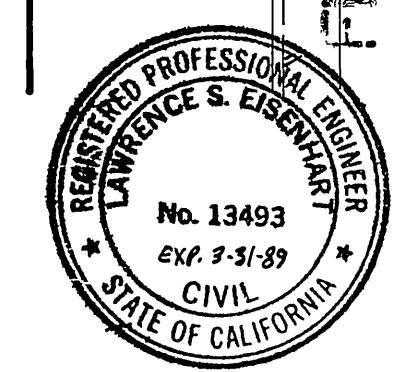
** : SENSOR SHALL HAVE A SEPARATE OR INTEGRAL 1/4-1 SEC. ADJUSTABLE EXTENSION TIMER.
 () : NUMBER OF LOOPS PER SENSOR.
 NOTE: ADVANCE LOOPS SHALL HAVE 2 CHANNELS OF DETECTION; ONE FOR OPERATION AND ONE FOR SAMPLING.



| AWG. | CIRCUIT | CONDUCTOR SCHEDULE RUNS | | | | | | | | | | | |
|--------------|-------------------|-------------------------|----|----|--------|----|----|--------|--------|----|----|----|----|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| #14 | 01 VEH. | | | | | | | 3 | 3 | 3 | 3 | | |
| | 02 VEH. | | | | | | | 3 | 3 | 3 | 3 | | |
| | 03 VEH. | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | 04 VEH. | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | 05 VEH. | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | 06 VEH. | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | 07 PED. | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | 08 PED. | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | 09 PED. | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| | 10 PED. | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| #12 | I.S.N.S. | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| | SERVICE (2 BANKS) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| | COMMONS (NO AWG) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| | SIGNAL COMMON | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | |
| TOTAL | | 16 | 19 | 23 | 24 | 24 | 24 | 24 | 17 | 13 | 9 | 7 | |
| #10 | SERVICE (2 BANKS) | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| | COMMONS (NO AWG) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | |
| | SIGNAL COMMON | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | | |
| | TOTAL | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | | | |
| | DLC | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | |
| DLC | 01 DET. | | | | | | | 1 | 1 | | | | |
| | 02 DET. | | | | | | | 3 | 3 | | | | |
| | 03 DET. | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | | | |
| | 04 DET. | | | | | | | 1 | 1 | | | | |
| | 05 DET. | | | | | | | 3 | 3 | | | | |
| TOTAL CABLES | | 2 | 2 | 3 | 5 | 6 | 12 | 6 | 4 | 4 | 3 | 1 | |
| CONDUIT SIZE | | 2" | 2" | 2" | 2 1/2" | 3" | 3" | 2 3/4" | 2 1/2" | 2" | 2" | 2" | |



PHASE DIAGRAM



| | | | | | | |
|---|---|--|---|---|--|--------------------------------------|
| APPROVED BY: CITY OF RIVERSIDE PUBLIC UTILITIES (WATER) <i>David V. Garcia 7/23/86</i> | REVIEWED BY: SOUTHERN CALIFORNIA GAS CO. <i>Mr. Dowan 7-10-86</i> | APPROVED BY: PACIFIC BELL TELEPHONE CO. <i>[Signature]</i> | LAWRENCE S. EISENHART CONSULTING ENGINEER 22400 BARTON ROAD, SUITE 200 GRAND TERRACE, CALIF. 92524 (714) 824-1794 <i>Lawrence S. Eisenhart 7-15-86</i> | CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: <i>William D. Gardner</i> DATE: 7-25-86 | TRAFFIC SIGNAL PLAN MAGNOLIA AND AVENUE FILLMORE STREET HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 10' | ACCOUNT NO. X-487 SHEET 1 OF 1 |
|---|---|--|---|---|--|--------------------------------------|