

**POLE SCHEDULE**

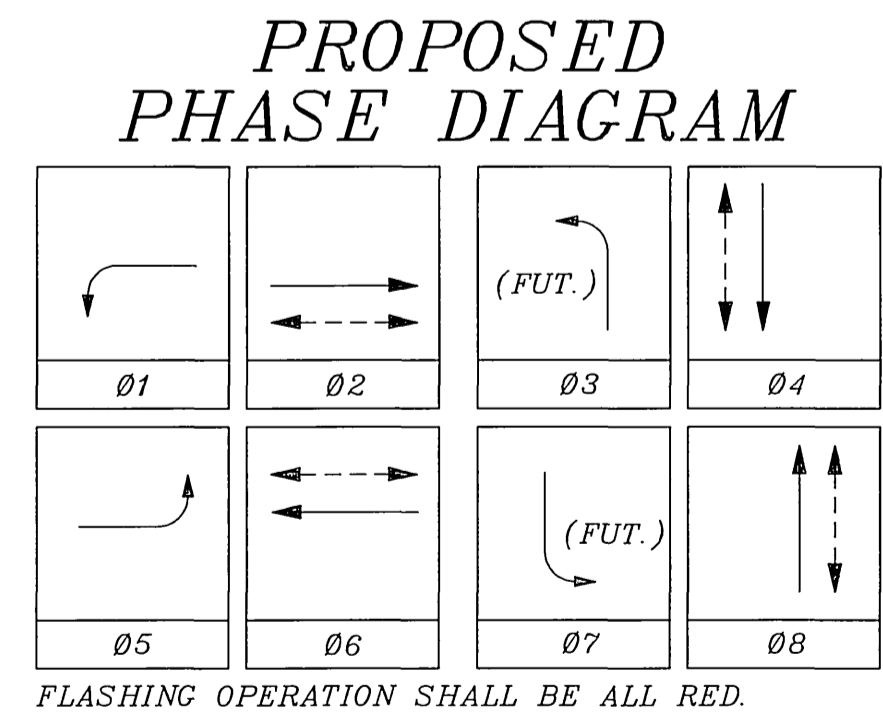
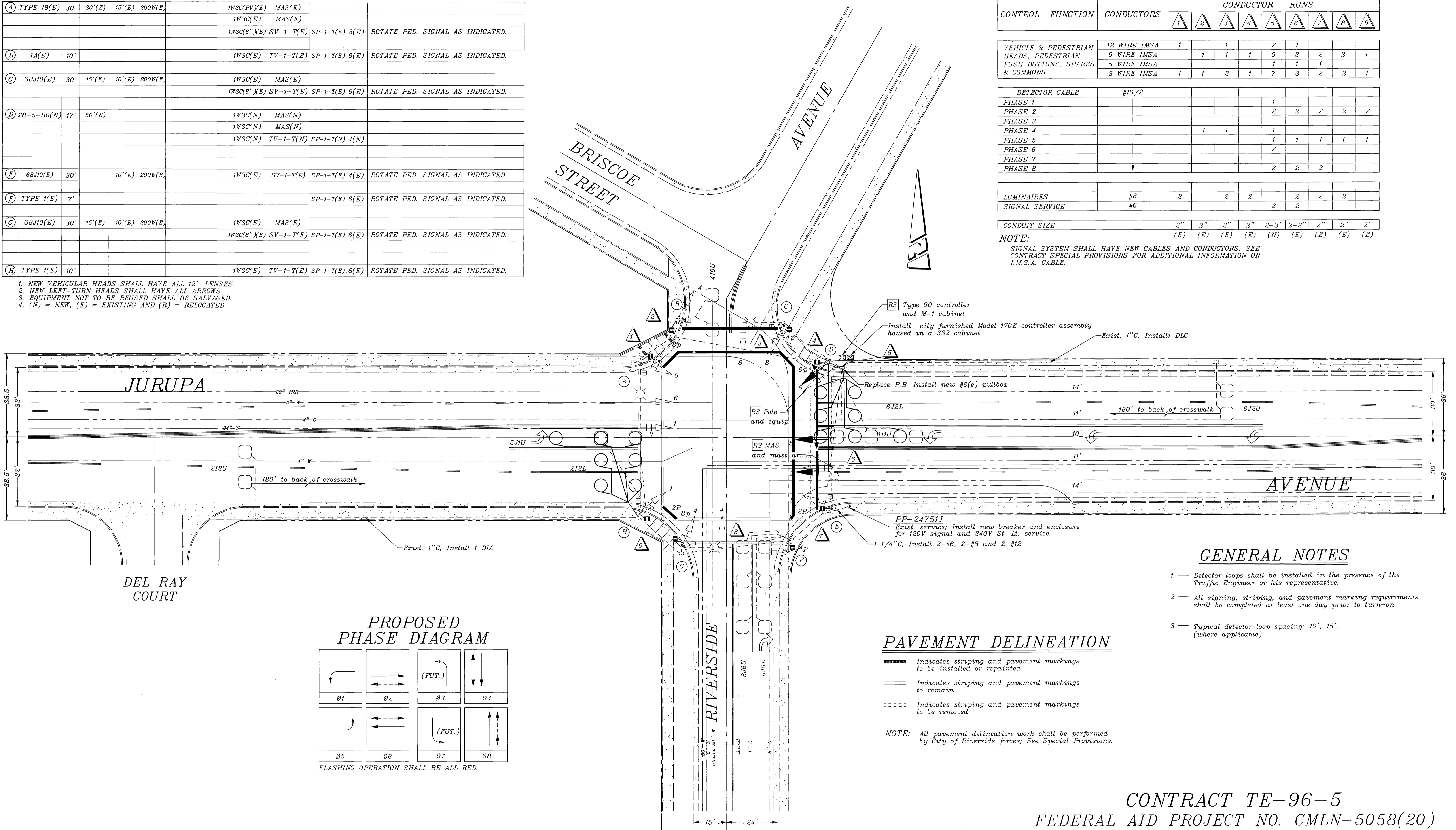
| No. | STANDARD   |      |           |           | LUM. HPSV | I.I.S.N.S. LEGEND | SIGNAL HEAD | SIGNAL MOUNTING |           | PPB PHASE | REMARKS                          |
|-----|------------|------|-----------|-----------|-----------|-------------------|-------------|-----------------|-----------|-----------|----------------------------------|
|     | TYPE       | HCT. | SIG. M.A. | LUM. M.A. |           |                   |             | VEHICLE         | PED       |           |                                  |
| (A) | TYPE 19(E) | 30'  | 30'(E)    | 15'(E)    | 200W(E)   |                   | 1W3C(PV)(E) | MAS(E)          |           |           |                                  |
|     |            |      |           |           |           |                   | 1W3C(E)     | MAS(E)          |           |           |                                  |
|     |            |      |           |           |           |                   | 1W3C(B)(E)  | SV-1-T(E)       | SP-1-T(E) | 8(E)      | ROTATE PED. SIGNAL AS INDICATED. |
| (B) | 1A(E)      | 10'  |           |           |           |                   | 1W3C(E)     | TV-1-T(E)       | SP-1-T(E) | 6(E)      | ROTATE PED. SIGNAL AS INDICATED. |
| (C) | 68J10(E)   | 30'  | 15'(E)    | 10'(E)    | 200W(E)   |                   | 1W3C(E)     | MAS(E)          |           |           |                                  |
|     |            |      |           |           |           |                   | 1W3C(B)(E)  | SV-1-T(E)       | SP-1-T(E) | 6(E)      | ROTATE PED. SIGNAL AS INDICATED. |
| (D) | 28-5-80(N) | 17'  | 50'(N)    |           |           |                   | 1W3C(N)     | MAS(N)          |           |           |                                  |
|     |            |      |           |           |           |                   | 1W3C(N)     | MAS(N)          |           |           |                                  |
|     |            |      |           |           |           |                   | 1W3C(N)     | TV-1-T(N)       | SP-1-T(N) | 4(N)      |                                  |
| (E) | 68J10(E)   | 30'  |           | 10'(E)    | 200W(E)   |                   | 1W3C(E)     | SV-1-T(E)       | SP-1-T(E) | 4(E)      | ROTATE PED. SIGNAL AS INDICATED. |
| (F) | TYPE 1(E)  | 7'   |           |           |           |                   |             |                 | SP-1-T(E) | 6(E)      | ROTATE PED. SIGNAL AS INDICATED. |
| (G) | 68J10(E)   | 30'  | 15'(E)    | 10'(E)    | 200W(E)   |                   | 1W3C(E)     | MAS(E)          |           |           |                                  |
|     |            |      |           |           |           |                   | 1W3C(B)(E)  | SV-1-T(E)       | SP-1-T(E) | 6(E)      | ROTATE PED. SIGNAL AS INDICATED. |
| (H) | TYPE 1(E)  | 10'  |           |           |           |                   | 1W3C(E)     | TV-1-T(E)       | SP-1-T(E) | 8(E)      | ROTATE PED. SIGNAL AS INDICATED. |

1. NEW VEHICULAR HEADS SHALL HAVE ALL 12" LENSES.
2. NEW LEFT-TURN HEADS SHALL HAVE ALL ARROWS.
3. EQUIPMENT NOT TO BE REUSED SHALL BE SALVAGED.
4. (N) = NEW, (E) = EXISTING AND (R) = RELOCATED.

**CONDUCTOR TABLE**

| CONTROL FUNCTION  | CONDUCTORS  | CONDUCTOR RUNS |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|---|----------------|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   |   | 1              | 2   | 3   | 4   | 5    | 6    | 7   | 8   | 9   |     |     |     |     |     |     |     |     |     |     |
| VEHICLE & PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, SPARES & COMMONS | 12 WIRE IMSA<br>9 WIRE IMSA<br>5 WIRE IMSA<br>3 WIRE IMSA | 1              |     |     |     | 2    | 1    |     |     |     |     |     |     |     |     |     |     |     |     |     |
| DETECTOR CABLE  | #16/2   |                |     |     |     |      |      |     |     | 1   |     |     |     |     |     |     |     |     |     |     |
| PHASE 1   |   |                |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| PHASE 2   |   |                |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| PHASE 3   |   |                |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| PHASE 4   |   |                |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| PHASE 5   |   |                |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| PHASE 6   |   |                |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| PHASE 7   |   |                |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| PHASE 8   |   |                |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| LUMINAIRES  | #8  | 2              |     |     |     | 2    | 2    |     |     |     |     |     |     |     |     |     |     |     |     |     |
| SIGNAL SERVICE  | #6  |                |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |
| CONDUIT SIZE  |   | 2"             | 2"  | 2"  | 2"  | 2-3" | 2-2" | 2"  | 2"  | 2"  | 2"  | 2"  | 2"  | 2"  | 2"  | 2"  | 2"  | 2"  | 2"  | 2"  |
|   |   | (E)            | (E) | (E) | (E) | (N)  | (E)  | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) | (E) |

NOTE: SIGNAL SYSTEM SHALL HAVE NEW CABLES AND CONDUCTORS; SEE CONTRACT SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION ON I.M.S.A. CABLE.



**PAVEMENT DELINEATION**

- Indicates striping and pavement markings to be installed or repainted.
  - Indicates striping and pavement markings to remain.
  - Indicates striping and pavement markings to be removed.
- NOTE: All pavement delineation work shall be performed by City of Riverside forces; See Special Provisions.

**GENERAL NOTES**

- 1 - Detector loops shall be installed in the presence of the Traffic Engineer or his representative.
- 2 - All signing, striping, and pavement marking requirements shall be completed at least one day prior to turn-on.
- 3 - Typical detector loop spacing: 10', 15' (where applicable).

**CONTRACT TE-96-5**  
**FEDERAL AID PROJECT NO. CMLN-5058(20)**  
 CONTRACTOR'S LICENSE REQUIREMENTS "A" OR "C-10"

**IMPORTANT NOTICE**  
 Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call CALL TOLL FREE TWO WORKING DAYS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

**ENGINEER IN RESPONSIBLE CHARGE**  
 Richard D. McGrath  
 R.C.E. No. 31952 expires 12-31-96  
 DATE 5-30-96



| MARK | REVISIONS | APPR. | DATE |
|------|-----------|-------|------|
|      |           |       |      |

CITY OF RIVERSIDE, CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED BY: [Signature]  
 DATE: 5/30/96

TRAFFIC SIGNAL MODIFICATION  
**RIVERSIDE AVENUE @ JURUPA AVENUE**

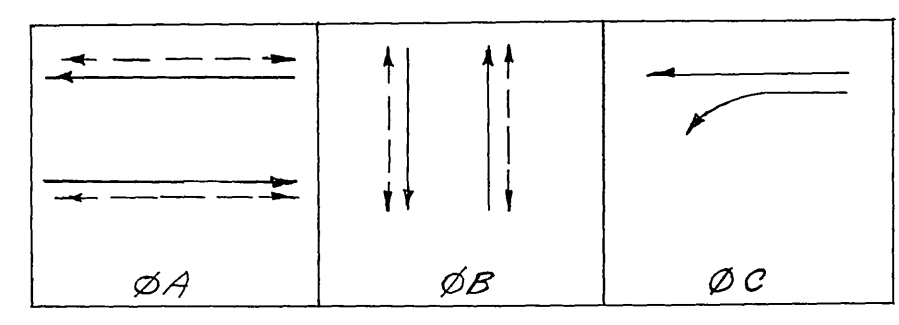
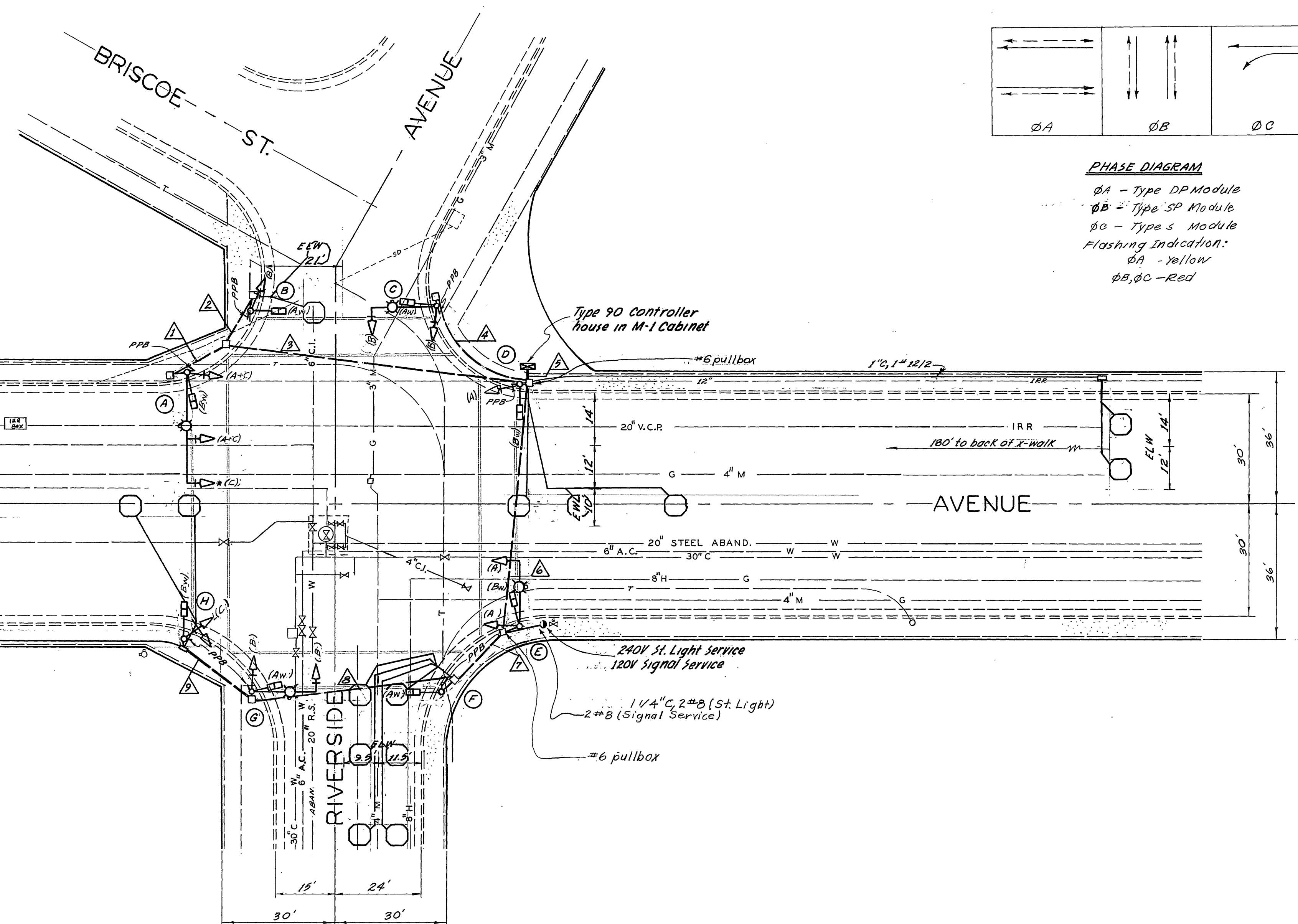
ACCT. NO. 0230-541600-440223-35043  
**X-206**  
 SHEET 1 OF 1  
 FILE NAME: X206.DWG

SCALE: 1" = 20'

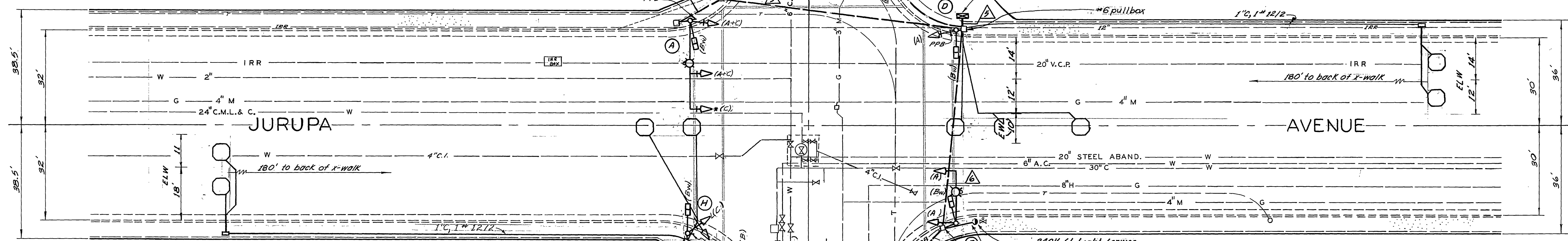
EQUIPMENT SCHEDULE

| Location | Standard                | Vehicle Equipment      |        |            | Ped. Equipment |       |        | Luminaire | Remarks |
|----------|-------------------------|------------------------|--------|------------|----------------|-------|--------|-----------|---------|
|          |                         | Heads                  | Mtg.'s | Back Plate | Lower          | Heads | Mtg.'s |           |         |
| A        | Type IX<br>15' A, 30' A | 1W3C*                  | M-2    | 1          |                |       |        | 400W      |         |
|          |                         | 1W3C(12")              | M-2    | 1          |                |       |        |           |         |
|          |                         | 1W3C                   | B-1    | 1          |                | 1W2C  | W-0    |           | 1       |
| B        | Type I                  | 1W3C                   | A-2    | 1          |                |       |        |           |         |
| C        | 6B/10<br>15' SA         | 1W3C(12")              | M-2    | 1          |                |       |        | 250W      |         |
|          |                         | 1W3C                   | B-1    | 1          |                | 1W2C  | W-0    |           | 1       |
| D        | Type I                  | 1W3C                   | A-2    | 1          |                |       |        |           |         |
| E        | 6B/10<br>15' SA         | 1W3C(12")              | M-2    | 1          |                |       |        | 400W      |         |
|          |                         | 1W3C                   | B-1    | 1          |                | 1W2C  | W-0    |           | 1       |
| F        | Type I                  |                        |        |            |                |       |        |           |         |
| G        | 6B/10<br>15' SA         | 1W3C(12")              | M-2    | 1          |                |       |        | 250W      |         |
|          |                         | 1W3C                   | B-1    | 1          |                | 1W2C  | W-0    |           | 1       |
| H        | Type I                  | 1W3C<br>(R, 1, 12' SA) | A-2    | 1          | 2-B*           | 1W2C  | W-0    | 1         |         |

\* Programmed Visibility Head.  
 All Type I standards shall be aluminum.  
 All 6B/10 standards have exist. CB, C1B, C3L & C2B inserts.  
 Luminaires are High Pressure Sodium Vapor.



PHASE DIAGRAM  
 ØA - Type DP Module  
 ØB - Type SP Module  
 ØC - Type S Module  
 Flashing Indication:  
 ØA - Yellow  
 ØB, ØC - Red



Conductor Schedule

| Control Function | Conductors Size Insulation | Conduit Run |    |    |    |        |        |    |    |    |
|------------------|----------------------------|-------------|----|----|----|--------|--------|----|----|----|
|                  |                            | 1           | 2  | 3  | 4  | 5      | 6      | 7  | 8  | 9  |
| Vehicle Heads    | #14 T.W.                   |             |    |    |    |        |        |    |    |    |
| ØA               |                            |             |    |    |    | 3      | 3      |    |    |    |
| ØA+C             |                            | 3           | 3  | 3  |    | 3      |        |    |    |    |
| ØB               |                            |             | 3  | 3  | 3  | 3      | 3      | 3  |    |    |
| ØC               |                            | 3           | 3  | 3  |    | 6      | 3      | 3  | 3  | 3  |
| Pedestrian Heads |                            |             |    |    |    |        |        |    |    |    |
| ØA <sub>H</sub>  |                            |             | 2  | 2  | 2  | 6      | 2      | 2  |    |    |
| ØB <sub>H</sub>  |                            | 2           | 2  | 2  |    | 2      | 2      | 2  | 2  | 2  |
| Ped. Push Button |                            |             |    |    |    |        |        |    |    |    |
| ØA <sub>H</sub>  |                            |             | 1  | 1  | 1  | 4      | 2      | 2  | 1  |    |
| ØB <sub>H</sub>  |                            | 1           | 1  | 1  |    | 2      | 2      | 1  | 1  | 1  |
| Spares           |                            |             | 1  |    |    |        |        | 1  |    |    |
| Detector Cable   | #12 U.S.E. or U.F.         | 3           | 3  | 3  | 3  | 3      | 3      | 3  | 3  | 3  |
| ØA               |                            |             |    |    |    |        | 2      | 2  | 2  | 2  |
| ØB               |                            |             | 1  | 1  |    | 3      | 2      | 2  |    |    |
| ØC               |                            |             |    |    |    | 1      |        |    |    |    |
| 12V Common       | #12 T.W.                   | 1           | 1  | 1  | 1  | 1      | 1      | 1  | 1  | 1  |
| 120V Common      | #10 T.W.                   | 1           | 1  | 1  | 1  | 1      | 1      | 1  | 1  | 1  |
| Signal Service   | #8 T.H.W.                  |             |    |    |    | 2      | 2      |    |    |    |
| Luminaires       | #8 T.H.W.                  | 2           | 2  | 2  | 2  | 2      | 2      | 2  | 2  | 2  |
| Totals           | #14 T.W.                   | 12          | 18 | 18 | 9  | 42     | 20     | 16 | 15 | 9  |
|                  | #12 U.S.E. or U.F.         |             | 1  | 1  |    | 6      | 4      | 4  | 2  | 2  |
|                  | #12 T.W.                   | 1           | 1  | 1  | 1  | 1      | 1      | 1  | 1  | 1  |
|                  | #10 T.W.                   | 1           | 1  | 1  | 1  | 1      | 1      | 1  | 1  | 1  |
|                  | #8 T.W.                    |             |    |    |    | 2      | 2      |    |    |    |
|                  | #8 T.H.W.                  | 2           | 2  | 2  | 2  | 2      | 2      | 2  | 2  | 2  |
| Conduit Size     |                            | 2"          | 2" | 2" | 2" | 2 1/2" | 2 1/2" | 2" | 2" | 2" |

SIGNING REQUIREMENTS

| Loc. Code No. | Size       | Mounting       | Facing | Remarks                   |
|---------------|------------|----------------|--------|---------------------------|
| A R53A        | 30" x 122" | O.H. Sig. Std. | E      | See Std. Plan 3E5-6-b-C-1 |
| H R53         | 24" x 24"  | Signal Std.    | E      | See U.E. Std. DWS No. 66B |

NOTE: All sign codes are California State Standard.

| REVISIONS   |          |  | CITY OF RIVERSIDE, CALIFORNIA<br>DEPARTMENT OF PUBLIC WORKS<br>TRAFFIC SIGNALS |                        |
|-------------|----------|--|--|------------------------|
| MARK        | DATE     | DESCRIPTION  |  |                        |
|             | 10-30-73 | A Built per Contract TE-72-1<br>J.M.W. J.S.E. P.F.B. | <b>RIVERSIDE AVENUE<br/>AND JURUPA AVENUE</b>                                  |                        |
| DESIGNED BY | J.M.W.   | SUBMITTED BY   |  | APPROVED BY            |
| DRAWN BY    | J.M.W.   | PARK DEPT. TRAFFIC DIV.                              | DIRECTOR OF PUBLIC WORKS   | ACC. NO. 30-576-304-07 |
| CHECKED BY  |          | RECOMMENDED BY                                       | ASSISTANT CITY ENGINEER  | X-206                  |
|             |          |  | DATE   | SHEET 2 OF 6           |