## CONDUCTOR TABLE (Continued)

(SEE CALTRANS STANDARD SPECIFICATIONS FOR ADDITIONAL CONDUCTOR INFORMATION)

| CIRCUIT                                                      | SIGNAL PHASE OR FUNCTION | INSULATION COLORS                 |        | BAND SYMBOLS |                              |
|--------------------------------------------------------------|--------------------------|-----------------------------------|--------|--------------|------------------------------|
|                                                              |                          | BASE                              | STRIPE | (SEE NOTE 1) | SIZE (AWG)                   |
| MULTIPLE STREET LIGHT<br>CONDUCTORS<br>PULL BOX TO LUMINAIRE | UNGROUNDED LINE 1        | BLACK                             | NONE   | NONE         | 10                           |
|                                                              | UNGROUNDED LINE 2        | RED                               | NONE   | NONE         | 10                           |
|                                                              | NEUTRAL OR COMMON        | WHITE                             | NONE   | NONE         | 10                           |
| OTHER                                                        | UNGROUNDED LINE 1        | BLACK                             | NONE   | NONE         | **                           |
|                                                              | UNGROUNDED LINE 2        | RED                               | NONE   | NONE         | **                           |
|                                                              | NEUTRAL OR COMMON        | WHITE                             | NONE   | NONE         | **                           |
| MULTIPLE SERVICE                                             | UNGROUNDED LINE 1        | BLACK                             | NONE   | NONE         | 6 (NOTE 3)                   |
|                                                              | UNGROUNDED LINE 2        | RED                               | NONE   | NONE         | 6 (NOTE 3)                   |
|                                                              | NEUTRAL OR COMMON        | WHITE                             | NONE   | NONE         | 6 (NOTE 3)                   |
| COMMUNICATIONS                                               | SEE SPECIAL PROVISIONS   |                                   |        |              | 14                           |
| RAILROAD PRE-EMPTION                                         |                          | BLACK                             | NONE   | R            | 14                           |
| SPARES                                                       |                          | BLACK                             | NONE   | NONE         | 14                           |
| DETECTOR LOOP LEAD<br>IN CABLE                               | 1-8                      | SAME AS PEDESTRIAN<br>PUSH BUTTON |        | D1, D8       | #6720 BELDEN<br>CABLE OR EQU |
|                                                              | COMMON                   | SAME AS PEDESTRIAN<br>PUSH BUTTON |        | D1, D8       | #8720 BELDEN<br>CABLE OR EQL |

<sup>\*\*</sup> SEE CITY OF PASADENA STANDARD PLAN S-971 AND NOTE 3 BELOW.

## **NOTES**

- BAND (TAG) CONDUCTORS IN EACH PULL BOX AND NEAR ENDS OF TERMINATION POINTS. ON TRAFFIC SIGNAL CIRCUITS, A SINGLE BAND MAY BE PLACED AROUND 2 OR 3 UNGROUNDED CONDUCTORS COMPRISING A PHASE.
- 2. ON OVERLAPS, INSULATION COLOR SHALL BE THE COLOR OF THE FIRST PHASE IN DESIGNATION, FOR EXAMPLE, A PHASE (2+3) CONDUCTOR IS THE COLOR OF PHASE 2.
- 3. ITEMS NOTED DIFFER FROM CALTRANS STANDARD SPECIFICATIONS.

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3/7/02

REVISION: UNITS:
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STANDARD PLAN:

S-974

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