**POWER DISTRIBUTION ASSEMBLY (PDA) #3LXW**
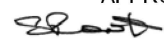**FIELD OUTPUT TERMINATION PANEL T4**
**FRONT VIEW**

## NOTES

1. Field Output Termination Panel Assembly replaces that shown in the **California Department of Transportation (CalTrans) Transportation Electrical Equipment Specifications (TEES)**, Errata 3 Detail A6-15 for Power Distribution Assembly (PDA) #3LX. Panel dimensions and mounting shall meet CalTrans specifications.

2. Connectors shall be installed in pairs as shown. Connectors shall be evenly spaced on the panel, but no part of the PCB header, including the mounting screw flanges, shall extend beyond the panel cut-out limits shown. Identical terminal numbers on paired connectors shall be electrically common.

3. The terminal block shall be labeled with the CalTrans terminal block number as shown. Label may be on the back of the PDA or on the removable terminal panel.

4. CalTrans terminal numbers shall be labeled in between the pairs of connectors as shown.

5. Each connector shall have the terminal function and WSDOT terminal number labeled above or below the connector as shown. Terminal functions shall be labeled on the removable panel. WSDOT terminal numbers shall be labeled on the back of the PDA.

### PDA #3LXW TERMINAL BLOCK T4 WSDOT TERMINAL IDENTIFICATION

| CALTRANS TERMINAL # | FUNCTION | WSDOT TERMINAL # |
|---|---|---|
| 1 | 3R | 631 |
| 2 | 3Y | 632 |
| 3 | 3G | 633 |
| 4 | 2R | 621 |
| 5 | 2Y | 622 |
| 6 | 2G | 623 |
| 7 | 1R | 631 |
| 8 | 1Y | 632 |
| 9 | 1G | 633 |
| 10 | NOT USED | NOT USED |

## KEY NOTES

① REMOVABLE TERMINAL PANEL ASSEMBLY ~ SEE NOTE 1

② HOLE FOR MOUNTING SCREW (2 PLACES)

③ 7.62 MM PITCH PCB CONNECTOR AND HEADER, PHOENIX CONTACT PART NUMBERS 1777736 AND 1861167 OR EQUAL (6 PLACES) ~ SEE NOTE 2

④ TERMINAL BLOCK LABEL ~ SEE NOTE 3

⑤ CALTRANS TERMINAL NUMBER LABEL ~ SEE NOTE 4

⑥ TERMINAL FUNCTION LABEL ~ SEE NOTE 5

⑦ WSDOT TERMINAL NUMBER LABEL ~ SEE NOTE 5

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**PDA #3LXW**
**FIELD OUTPUT**
**TERMINAL PANEL**

**STANDARD PLAN J-81.12-00**

SHEET 1 OF 1 SHEET

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STATE DESIGN ENGINEER

**Washington State Department of Transportation**