### Test Station Installation

- **Exothermic weld wire connection type**
- **Dielectric isolation joint**
- **Test station see detail**

### Casing Test Station (TS/C)

- **Exothermic weld wire connection type**
- **Dielectric isolation joint**
- **Insulating casing seal**
- **No. 8 AWG stranded copper wire** (one shown, 2 required)

### Isolation Joint Test Station (TS/J)

- **Exothermic weld wire connection type**
- **Dielectric isolation joint**
- **Test station see detail**

### Combination Test Station (TS/C/J)

- **Exothermic weld wire connection type**
- **Dielectric isolation joint**
- **Insulating casing seal**

### Monitoring Test Station (TS/M)

- **1. Bed coupon in same backfill as pipe. Compact backfill to 1 ft min above coupon.**
- **2. Do not backfill inside 2" or 6" PVC pipe.**

### Corrosion Control Test Wire Identification Table

<table>
<thead>
<tr>
<th>Item</th>
<th>Wire color</th>
<th>Wire</th>
</tr>
</thead>
<tbody>
<tr>
<td>New water main</td>
<td>white</td>
<td>8 AWG, stranded copper wire, USE-type insulation</td>
</tr>
<tr>
<td>Existing water main</td>
<td>black</td>
<td>8 AWG, stranded copper wire, USE-type insulation</td>
</tr>
<tr>
<td>Casing pipe</td>
<td>orange</td>
<td>8 AWG, stranded copper wire, USE-type insulation</td>
</tr>
<tr>
<td>Galvanic anodes</td>
<td>blue</td>
<td>12 AWG, solid copper wire, TW or THHN insulation</td>
</tr>
<tr>
<td>Zinc reference cell</td>
<td>yellow</td>
<td>12 AWG, solid copper wire, TW or THHN insulation</td>
</tr>
<tr>
<td>CP monitoring coupons</td>
<td>purple</td>
<td>12 AWG, stranded copper wire, TW or THHN insulation</td>
</tr>
</tbody>
</table>

**Notes:**
1. Wire shall have enough slack to extend a min of 2 ft above finished grade after final paving.
2. For an isolation joint run of new water pipe, wire on the up station side of the isolation joint shall be white and wire on the down station side of the isolation joint shall be black.
3. Color code wires by insulation color, or by colored tape or paint on last 4 ft of wire.