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# Special Specification 6046

## Radar Presence Detection Devices (Installation Only)

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### 1. DESCRIPTION

Install Radar Presence Detection (RPD) devices provided by the Department as shown on the plans.

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### 2. MATERIALS

Pick up RPD devices at times and locations shown on plans.

Designate in writing, persons authorized to pick up RPD devices.

Upon completion of the work and prior to final payment, return any unused or removed material deemed salvageable by the Engineer to the Department.

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### 3. EQUIPMENT AND LABOR

Furnish all equipment and labor necessary to install the devices. This will include but not limited to an aerial device capable of reaching RPD equipment, tools, and incidentals necessary to complete the work. If at any time equipment is determined defective to the point it may affect the quality of work, return the equipment to the Department immediately to be repaired or replaced.

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### 4. CONSTRUCTION

4.1. **Mounting Assembly** Mount the RPD directly onto a mounting assembly fastened to a pole, overhead mast-arm, or other approved solid structure.

4.2. **Communication Cable.** Install the RPD cable, in a continuous run, from the camera to the traffic signal controller. Leave 5 ft. coiled inside controller cabinet. Identify cable runs, on each end of the cable and at hand hole with a different color tape for each run.

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### 5. MEASUREMENT

This Item will be measured per each Radar Presence Detection device (RPD) as installed and connected.

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### 6. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for under the unit bid price for "Radar Presence Detection Devices (Installation Only)." This is full price for installing, and establishing a connection to each RPD. Any tools or incidentals needed to accomplish this will not be paid for separately, but will be considered subsidiary to this bid item.