

Special Specification 6052

Video Imaging Vehicle Detection System Camera Assemblies and Communication Cable



1. DESCRIPTION

Install or replace Video Imaging Vehicle Detection System (VIVDS) camera assemblies and VIVDS communication cable at existing traffic signal locations.

2. MATERIALS

Unless otherwise noted on the plans, materials are to be furnished to the contractor at no charge. Pick up materials at the times and locations shown on the plans.

Submit a material list for required materials to the Engineer. Designate, in writing, persons authorized to pick up material.

Assume responsibility for all materials furnished by the Department. Use materials furnished by the Department for this Contract only.

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

3. EQUIPMENT AND LABOR

Furnish all equipment and labor necessary to install the materials. This will include, but not be limited to, an aerial device capable of reaching VIVDS 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, that equipment will immediately be repaired or replaced.

4. SCOPE OF WORK

Installation of the proposed project will be as described in the General Notes. The Items shall consist of the following as directed.

4.1. **VIVDS Camera Assembly.** Install or replace VIVDS camera assemblies as shown on plans or as directed. VIVDS Camera assembly includes the camera, mounting hardware, and other appurtenances.

4.2. **VIVDS Communication Cable.** Install or replace communication cable from the camera to the controller cabinet. Form a 2 turn loop formed at camera termination, secure loop using cable ties suitable for outdoor use, install connectors and terminate the camera. 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.

5. MEASUREMENT

VIVDS camera assembly will be measured by each camera assembly installed or replaced. VIVDS communication cable will be measured by the foot of cable installed or replaced.

6. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Install VIVDS Camera Assembly" and "Replace VIVDS Camera Assembly," "Install VIVDS Communication Cable" and "Replace VIVDS Communication Cable." This price is full compensation for installing or replacing required materials, equipment, tools, labor, and incidentals. Cable used inside controller cabinets and for coils in ground boxes, pole bases, and at camera termination will not be paid for directly but will be subsidiary to pertinent items.