



JOHN A. FANTHAM
DIRECTOR OF PUBLIC WORKS

County of Santa Cruz

373

DEPARTMENT OF PUBLIC WORKS

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AGENDA: APRIL 13, 1999

April 1, 1999

SANTA CRUZ COUNTY BOARD OF SUPERVISORS

701 Ocean Street
Santa Cruz, California 95060

SUBJECT: AIRPORT BOULEVARD AND FREEDOM BOULEVARD
TRAFFIC SIGNAL UPGRADE

Members of the Board:

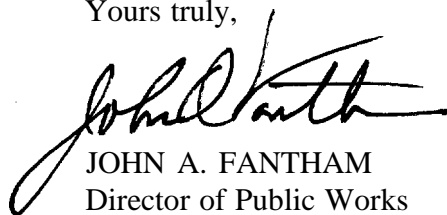
The Department of Public Works, in cooperation with the City of Watsonville Department of Public Works, is proposing to upgrade the traffic signal at the Airport Boulevard and Freedom Boulevard intersection to install a vehicle video detection system. The existing in-road vehicle detection system has failed, and the traffic signal at the intersection is operating on a fixed-time program, which results in delays to motorists that utilize the intersection. The proposed video detection system utilizes cameras mounted on the signal mast arms to detect the presence of vehicles in controlling the operation of the traffic signal. There are several locations in the City of Santa Cruz, where this system is in place and is working satisfactorily.

The County and the City currently share maintenance costs at the Airport Boulevard and Freedom Boulevard intersection. The City is also operating the traffic signal in a coordinated system with other traffic signals on Freedom Boulevard. It is proposed that the County and the City share the cost of the video detection system at the intersection. The City proposes to retain a contractor to perform the work based on a signed agreement with our department that would provide a reimbursement to the City for one-half the cost of the upgrade. The cost to the County is \$16,090.00, including administrative costs, and funding is available in the County Service Area No. 9 Highway Lighting Signal Maintenance budget. A sample of the proposed agreement between the City and County is attached for your Board's review.

It is therefore recommended that the Board of Supervisors take the following action:

1. Approve the agreement with the City of Watsonville for purposes of installing a vehicular video detection system at the Airport Boulevard and Freedom Boulevard intersection.
2. Authorize the Director of Public Works to sign the Agreement.
3. Reimburse the City of Watsonville for one-half the cost of the vehicular video detection system.

Yours truly,

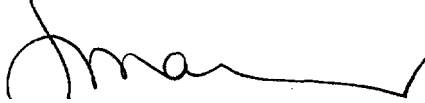


JOHN A. FANTHAM
Director of Public Works

JJP:mg

Attachments

RECOMMENDED FOR APPROVAL:



County Administrative Officer

copy to: Public Works

375

AGREEMENT BETWEEN THE COUNTY OF SANTA CRUZ DRAFT
AND THE CITY OF WATSONVILLE FOR COST SHARING FOR
INSTALLATION OF VIDEO DETECTION SYSTEM AT THE INTERSECTION OF
FREEDOM BOULEVARD AND AIRPORT BOULEVARD

This agreement is entered into this _____ day of April, 1999 by ~~and between~~ the County of Santa Cruz (hereinafter COUNTY) and the City of Watsonville (hereinafter CITY).

RECITALS

WHEREAS, the intersection of Freedom Boulevard and Airport Boulevard currently exists ~~with~~ the loop detectors in inoperable condition; and

WHEREAS, said intersection is currently maintained by the COUNTY ~~and~~ CITY; and

WHEREAS, said intersection will probably be annexed by the CITY at some point in the future; and

WHEREAS, the inoperable condition of the loops causes unnecessary traffic delays for both CITY and COUNTY residents utilizing Freedom Boulevard and Airport Boulevard at this location; and

WHEREAS, the intersection requires installation of ~~an~~ operable detection system to maintain acceptable traffic flow through the intersection; and

WHEREAS, the road pavement is in such poor condition that it is not practical to install conventional loop detectors in the pavement surface.

NOW, THEREFORE the parties hereto agree as follows:

DRAFT

1. CITY will proceed to install video detection system at this intersection utilizing budgeted funds available for improvements at this intersection.
2. Total cost for the installation of the video detection system, including all labor, equipment and materials to install fully functional 4 way video detection at this location, shall not exceed \$30,100.00.
3. CITY shall act as lead agency for the installation of the video detection system under the terms of this agreement.
4. Upon satisfactory completion of installation of video ~~detection~~ system, CITY will submit final project invoice to COUNTY. COUNTY will reimburse CITY one half of the cost for the complete installation of the video detection system.

IN WITNESS WHEREOF, the parties below hereby execute this Agreement.

COUNTY OF SANTA CRUZ


CITY OF WATSONVILLE

John A. Fantham
Director of Public Works
County of Santa Cruz

David A. Koch
Director of Public Works and Utilities
City of Watsonville

APPROVED AS TO FORM:

APPROVED AS TO FORM:

 4-5-99

County Counsel
County of Santa Cruz

City Attorney
City of Watsonville