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**DEPARTMENT OF
PUBLIC WORKS**

TRAFFIC ENGINEERING
SERVICES

**CITY OF SACRAMENTO
CALIFORNIA**

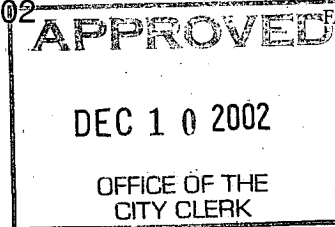
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SUITE 170
SACRAMENTO, CA
95814-2806

November 18, 2002

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City Council
Sacramento, CA

Honorable Members in Session:



SUBJECT: ARDEN WAY INTELLIGENT TRANSPORTATION SYSTEM (ITS) CORRIDOR PROJECT (PN: SP96) - ESTABLISHMENT OF CIP AND APPROPRIATION OF \$62,500 FROM MEASURE A CONTINGENCY FUNDS FOR PRELIMINARY ENGINEERING

LOCATION/COUNCIL DISTRICT: Arden Way between Del Paso Boulevard and Watt Avenue, Council Districts 2 and 3 (see map - Attachment A).

RECOMMENDATION:

This report recommends that the City Council adopt the attached resolution:

- Approving the establishment of the Arden Way ITS Corridor Project (PN: SP96) as a new Capital Improvement Program; and
- Approving the appropriation of \$62,500 from Measure A Contingency to the Arden Way ITS Corridor Project (PN: SP96).

CONTACT PERSON:

Greg Smith, Assistant Engineer, 264-8364
Angie Louie Fong, Supervising Engineer, 264-7921

FOR COUNCIL MEETING OF: December 10, 2002

SUMMARY:

The Sacramento region recently received a federally funded Congressional Earmark for Intelligent Transportation System (ITS) projects in the amount of \$976,955. These funds will be used for the development of an ITS Corridor on Arden Way between Del Paso Boulevard

City Council
Establishment of CIP Arden Way Corridor
November 18, 2002

in the City and Watt Avenue in Sacramento County, and the development of a region wide Strategic Deployment Plan (SDP). The City and other agencies involved are required to provide a 50% local match for these funds. For preliminary engineering, the City's share of match funds in the amount of \$62,500 is recommended to be transferred from Measure A Contingency to the Arden Way ITS Corridor Project (PN: SP96).

COMMITTEE/COMMISSION ACTION: None.

BACKGROUND INFORMATION:

In February 2002, the Sacramento Area ITS Partnership ("Partnership") submitted an application for participation in the FY02 ITS Integration Component of the ITS Deployment Program. Caltrans has notified the Partnership that a federally funded earmark in the amount of \$976,955 was granted.

The Partnership consists of members from the City of Sacramento, County of Sacramento, Sacramento Area Council of Government (SACOG), Caltrans, Regional Transit and other local agencies who have an interest in deploying ITS projects in the Sacramento area. Over the past four years, this group has developed a list of projects for deployment of "smart" ITS elements along key corridors in the region. Currently, the region's first smart corridor including transit priority is being constructed in Sacramento County along Watt Avenue from Fair Oaks Boulevard to Roseville Road, using FY01 and FY02 federal earmark ITS funds. The Arden Way ITS Corridor between Del Paso Boulevard and Watt Avenue, which falls equally in the City and County of Sacramento, was selected by the Partnership as the next priority for deployment of ITS elements and link to Sacramento County's Watt Avenue project. The City of Sacramento would be the lead agency for the Arden Way ITS Corridor project.

Benefits of an Intelligent Transportation System (ITS) Corridor include:

- Reduced congestion.
- Improved safety.
- Improved air quality.
- Improved transit services.
- Reduced emergency response times.

The Arden Way ITS Corridor is a multistage cross-jurisdictional project that would improve safety and efficiency through this major arterial. The major components of this project may include the following:

- Fiber optic communication system to connect the City and County's Traffic Management Centers.
- Traffic signal coordination plan retiming.
- Closed Circuit Television cameras (CCTV).

- Dynamic Message Signs (DMS).
- Transit priority at traffic signals.
- Real-time bus arrival information for patrons waiting at major bus stops.

The current earmark will fund the first project stage which will include the communications infrastructure to link the City and County, CCTV and DMS. The Partnership will pursue future earmark dollars for supplemental stages of this project.

The region wide Strategic Deployment Plan (SDP) is another project that will be funded with this federal earmark. The SDP will provide the Sacramento region with guidelines for ITS integration efforts that meet federal requirements for funding. The SDP will articulate the region's vision of ITS and serve as a phasing plan for the improvement projects that will fulfill that vision. SACOG would be the lead agency for this project and would require \$100,000 of the \$976,955 grant.

FINANCIAL CONSIDERATIONS:

The total project budget is \$1,953,910, which includes the first stage of the Arden Way ITS Project (\$1,753,910) and the Strategic Deployment Plan (\$200,000). The federal earmark of \$976,955 will fund 50% of the total project with the remaining 50% project match from local dollars.

On behalf of the Partnership, the City will request \$225,000 of the \$976,955 federal earmark for the development and design phase of the projects, requiring a 50% or \$225,000 local match. The \$225,000 local match is being provided by the City of Sacramento (\$62,500), the County of Sacramento (\$62,500), and SACOG (\$100,000).

Staff is requesting \$62,500 from Measure A Contingency for the City's share of local match for project design of the Arden Way ITS Project. The remaining match requirement of \$751,955 will be provided at the time the project goes to construction. The remaining local match will be provided by the City of Sacramento from the State and Federal Grant Match CIP (PN: TX01) (\$375,978), and by the County of Sacramento (\$375,977). Staff will return to Council when funding agreements with the County of Sacramento and SACOG for their share of the local match dollars are completed.

ENVIRONMENTAL CONSIDERATIONS:

The subject of this report does not involve a project, which requires compliance with the California Environmental Quality Act (CEQA), in as much as it does not involve an activity, which may cause a direct or indirect change in the environment (Public Resources Code Section 21065).

POLICY CONSIDERATIONS:

This action is consistent with the City's Strategic Plan goals for improving and diversifying the transportation system through improving mobility by improving regional connectivity between transportation modes.

City Council
Establishment of CIP Arden Way Corridor
November 18, 2002

ESBD CONSIDERATIONS:

No goods or services are being procured with this action.

Respectfully submitted:



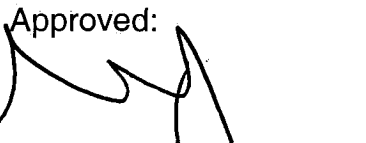
Marty Hanneman
City Traffic Engineer

RECOMMENDATION APPROVED:



ROBERT P. THOMAS
City Manager

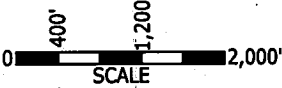
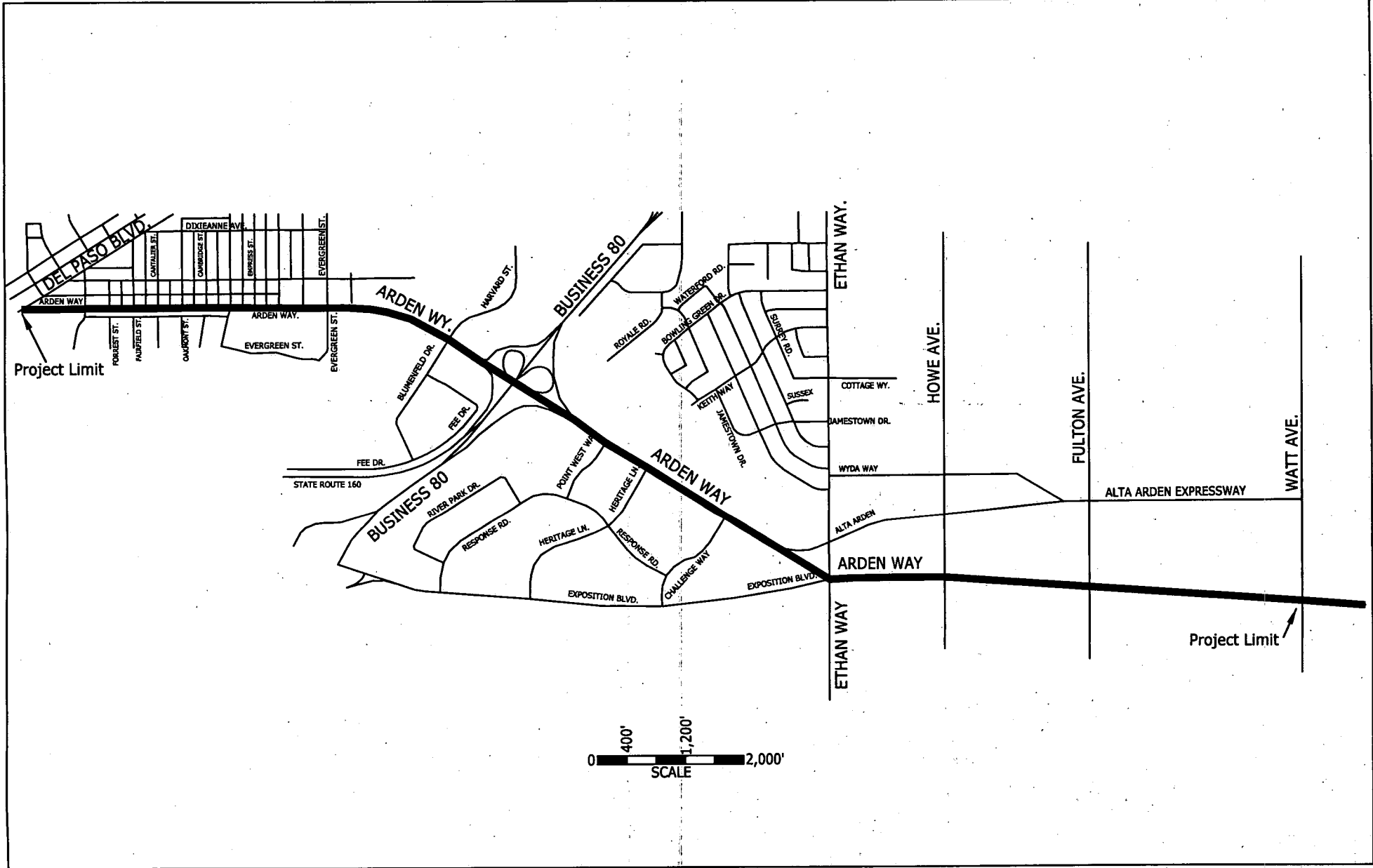
Approved:



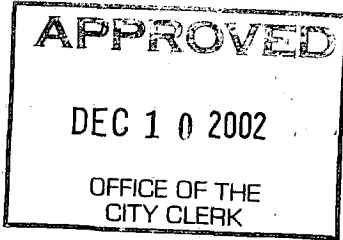
Michael Kashiwagi
Director of Public Works

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ARDEN WAY FROM DEL PASO BLVD. TO WATT AVE.



MAP CREATED ON: 11.15.02
BY: Greg Smith
PHONE: 916.264.8364



RESOLUTION NO. 2002 - 817

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

RESOLUTION APPROVING THE ESTABLISHMENT OF CIP AND THE APPROPRIATION OF \$62,500 FROM MEASURE A CONTINGENCY TO THE ARDEN WAY ITS CORRIDOR PROJECT (PN: SP96)

THE COUNCIL OF THE CITY OF SACRAMENTO RESOLVES THAT:

- 1. The Arden Way ITS Corridor Project (PN: SP96) be established as a new Capital Improvement Program.
- 2. The FY02/03 Capital Improvement Program (CIP) be amended by appropriating \$62,500 from the Measure A Contingency to the Arden Way Corridor Project (PN: SP96) and to adjust the budget as follows:

201-710-7012-4999	Measure A Contingency	(\$62,500)
201-500-SP96-4802	Arden Way ITS Corridor	\$62,500

MAYOR

ATTEST:

CITY CLERK

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____

56