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APPROVED
BY THE CITY COUNCIL

FEB 22 1994

OFFICE OF THE
CITY CLERK

DEPARTMENT OF
PUBLIC WORKS

ENGINEERING DIVISION

CITY OF SACRAMENTO
CALIFORNIA

927 TENTH STREET
ROOM 200
SACRAMENTO, CA
95814-2700

February 2, 1994

PH 916-264-7120
FAX 916-264-7903

City Council
Sacramento, California

CONSTRUCTION SECTION
640 BERGUT DRIVE
SUITE B
SACRAMENTO, CA
95814-0131

Honorable Members in Session:

PH 916-264-5282
FAX 916-264-7276

SUBJECT: EXPOSITION BOULEVARD EXTENSION (PN:TG61) - APPROVAL OF SUPPLEMENT NO. 2 TO CONSULTANT SERVICES AGREEMENT WITH PARSONS DELEUW, INC. IN AN AMOUNT OF \$43,950

LOCATION AND COUNCIL DISTRICT: Exposition Boulevard terminus at Tribute Road northwesterly to intersect Highway 160 just east of Radisson Hotel. Council District Nos. 2 and 3.

RECOMMENDATION:

Staff recommends that the City Council adopt the attached Resolution which approves Supplement No. 2 to the Consultant Services Agreement for preliminary design services associated with the Exposition Boulevard Extension project in an amount of \$43,950.

CONTACT PERSON: N. Dee Lewis, Supervising Engineer, 264-7923

FOR COUNCIL MEETING OF: February 22, 1994

SUMMARY:

The Exposition Boulevard extension project is an integral part of the North Sacramento Community Plan and is the number two (2) major street project priority in the City's Transportation Master Plan. The project will encourage economic development and help preserve the neighborhood vitality by eliminating traffic congestion. Economic development and neighborhood preservation are adopted City policies.

City Council
Exposition Boulevard Extension (PN:TG61)
February 2, 1994

Staff recommends the approval of Supplement No. 2 to the Consultant Services Agreement with Parsons DeLeuw, Inc. in an amount of \$43,950. This Supplement No. 2 authorizes additional work for the refinement of alternatives associated with the Phase One extension project and additional traffic forecasting for Phase One and the ultimate interchange project.

COMMITTEE/COMMISSION ACTION:

None.

BACKGROUND INFORMATION:

On October 22, 1991, City Council approved a Consultant Services Agreement with Parsons DeLeuw, Inc. (formerly DeLeuw Cather and Company) to prepare a Project Study Report (PSR) for the Exposition Boulevard Extension project. On July 22, 1992, City Council approved Supplement No. 1 to the original Agreement which authorized design revisions necessitated by updates to Caltrans design criteria, and the development of the project into a two-phase concept (see Attachment 1 for additional background).

In November 1993, staff received a letter from Parsons DeLeuw, Inc. (Attachment 2) requesting an amendment to the Agreement to include additional work and budget for services needed to define a Phase One Exposition Boulevard Extension plan. The request is for the following additional work scope items:

- Provide additional traffic forecast modeling refinements and analyses associated with the Phase One project.
- Develop several alternatives for the Phase I alignment; coordination and review with Caltrans; and subsequent alignment refinements.
- Development of revised Phase Two project alternatives using the required Year 2015 traffic volume forecasts.

Staff has reviewed the request and concurs with both the revised scope and estimated budget for the supplemental work. The revised Project Study Report has been submitted to Caltrans for their review. Expected approval date of the revised PSR is in March 1994.

Another consultant is currently preparing the Phase One Exposition Boulevard Extension project construction drawings. Expected advertising date is in July 1994, with project completion by the end of 1995.

City Council
Exposition Boulevard Extension (PN:TG61)
February 2, 1994

FINANCIAL CONSIDERATIONS:

The proposed Supplement No. 2 with Parsons DeLeuw, Inc. is for a not-to-exceed amount of \$43,950 and increases the Agreement amount from \$128,960 to \$172,910. It is proposed that the \$43,950 required for Supplement No. 2 be obtained from currently budgeted Transportation Sales Tax (Fund 201) funds. The project as of February 1, 1994, had a budget of \$3,080,322. The balance available was \$2,108,602.

Estimated Phase One project costs are currently \$5,600,000, exclusive of right-of-way.

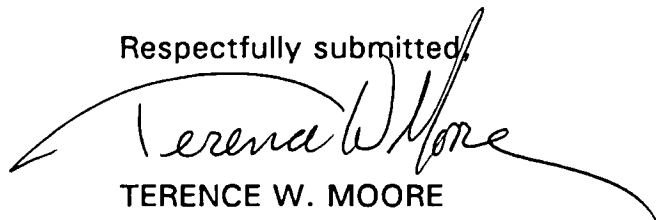
POLICY CONSIDERATIONS:

- This item conforms to City policy concerning execution of supplements to Consultant Services Agreements.
- The extension project, when completed, will encourage economic development and help preserve the neighborhood by improving traffic circulation. Both are adopted policies of the City.

MBE/WBE:


Parsons DeLeuw, Inc. is not an MBE/WBE firm.

Respectfully submitted,



TERENCE W. MOORE
Engineering Division Manager

RECOMMENDATION APPROVED:



WILLIAM H. EDGAR
City Manager

APPROVED:



MICHAEL KASHIWAGI
Public Works Deputy Director

LW:kj
ED1-48.J
02.0294

Attachments

APPROVED
BY THE CITY COUNCIL

FEB 22 1994

OFFICE OF THE
CITY CLERK

RESOLUTION NO. 94-098

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

**RESOLUTION APPROVING SUPPLEMENT NO. 2 TO
CONSULTANT SERVICES AGREEMENT WITH PARSONS DELEUW, INC.
IN AN AMOUNT OF \$43,950
(PN:TG61)**

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO THAT:

1. The City Manager and the City Clerk are hereby authorized to execute on behalf of the City of Sacramento Supplement No. 2 to the Consultant Services Agreement (City Agreement No. 91-195) with Parsons DeLeuw, Inc. for engineering services to the Exposition Boulevard Extension project in a not to exceed amount of \$43,950.

MAYOR

ATTEST:

CITY CLERK

LW:kj
ED1-48.J
02.0294

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____



DEPARTMENT OF
PUBLIC WORKS
ENGINEERING DIVISION

CITY OF SACRAMENTO
CALIFORNIA

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SACRAMENTO, CA
95814-0131

PH 916-264-5282
FAX 916-264-7276

July 21, 1992

City Council
Sacramento, California

Honorable Members In Session:

SUBJECT: EXPOSITION BOULEVARD EXTENSION PROJECT (PN: TG61) - APPROVAL OF SUPPLEMENT NO. 1 TO CONSULTANT SERVICES AGREEMENT WITH PARSONS DE LEUW, INC. IN AN AMOUNT OF \$73,000

LOCATION/COUNCIL DISTRICT West end of Exposition Boulevard at Tribute Road to SR160 near the Raddisson Hotel. Council District No. 1.

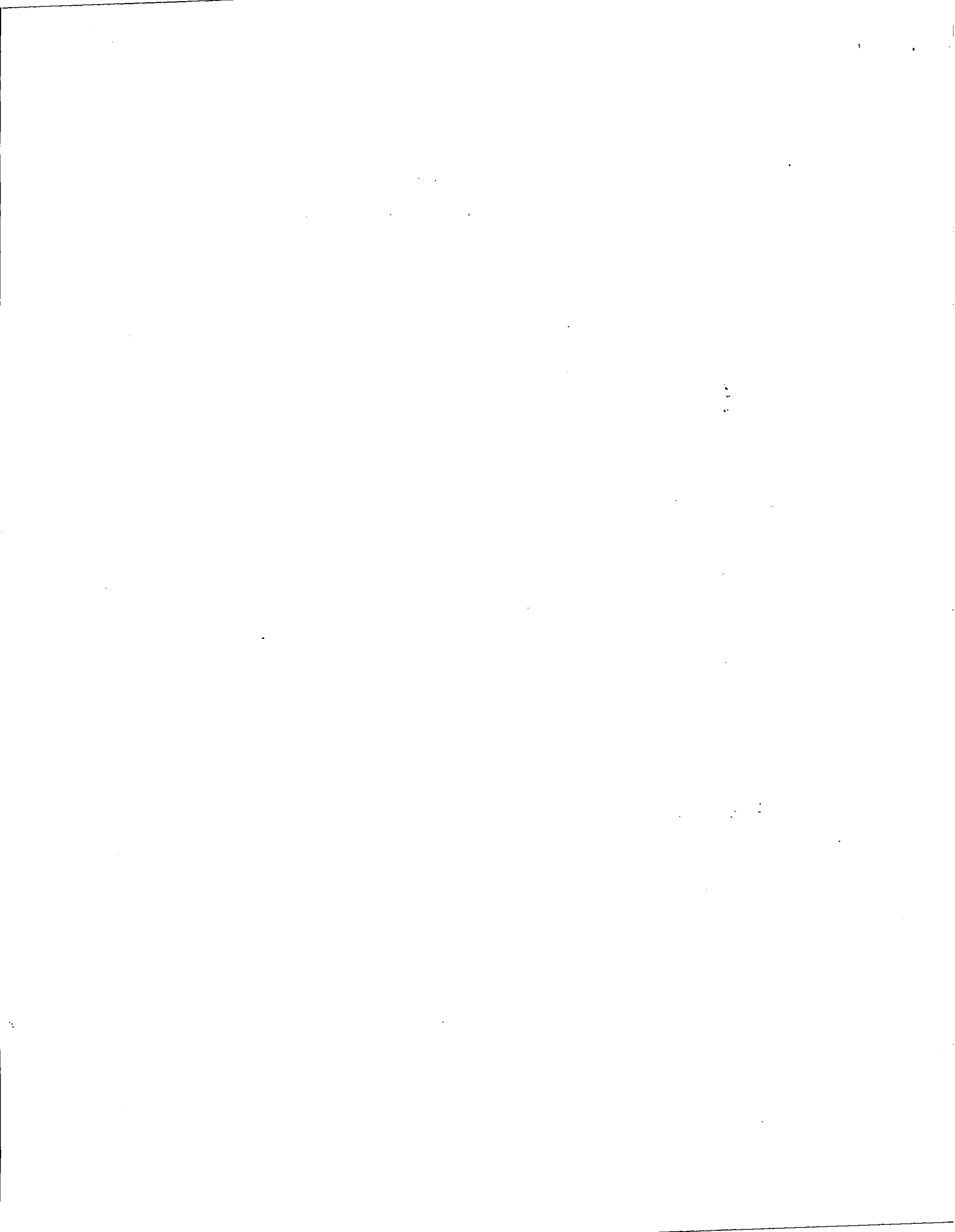
SUMMARY

Staff recommends that the City Council approve the attached Supplement No. 1 to Consultant Services Agreement with Parsons DeLeuw Inc. in an amount of \$73,000 for revisions to the Project Study Report for the subject project.

This Supplement authorizes design revisions and the development of a two stage phased project. The two stage concept provides for a short term interim connection to Exposition Boulevard and SR160, which improves traffic circulation and allows some adjacent development to occur.

COMMITTEE ACTION

None.



City Council
Exposition Boulevard Extension Project (PN:TG61)
July 21, 1992

STAFF RECOMMENDATION

It is recommended that the City Council approve Supplement No. 1 to the Consultant Services Agreement with Parsons DeLeuw Inc. in an amount of \$73,000 by adopting the attached resolution.

BACKGROUND

On October 22, 1991, City Council approved a Consultant Services Agreement with Parsons DeLeuw Inc. (formerly DeLeuw Cather and Company) to prepare a Project Study Report (PSR) for the Exposition Boulevard project. The PSR is a programming report required by Caltrans and the California Transportation Commission which discusses the feasible project alternatives, environmental aspects of the project, and preliminary cost estimates. Even though the PSR is essentially a programming document, it requires an extensive design effort to adequately define and present the feasible alternatives. The PSR is also required for the project to be considered for state Flexible Congestion Relief funds. State Flexible Congestion Relief funds are currently not anticipated to be available to the project for several years.

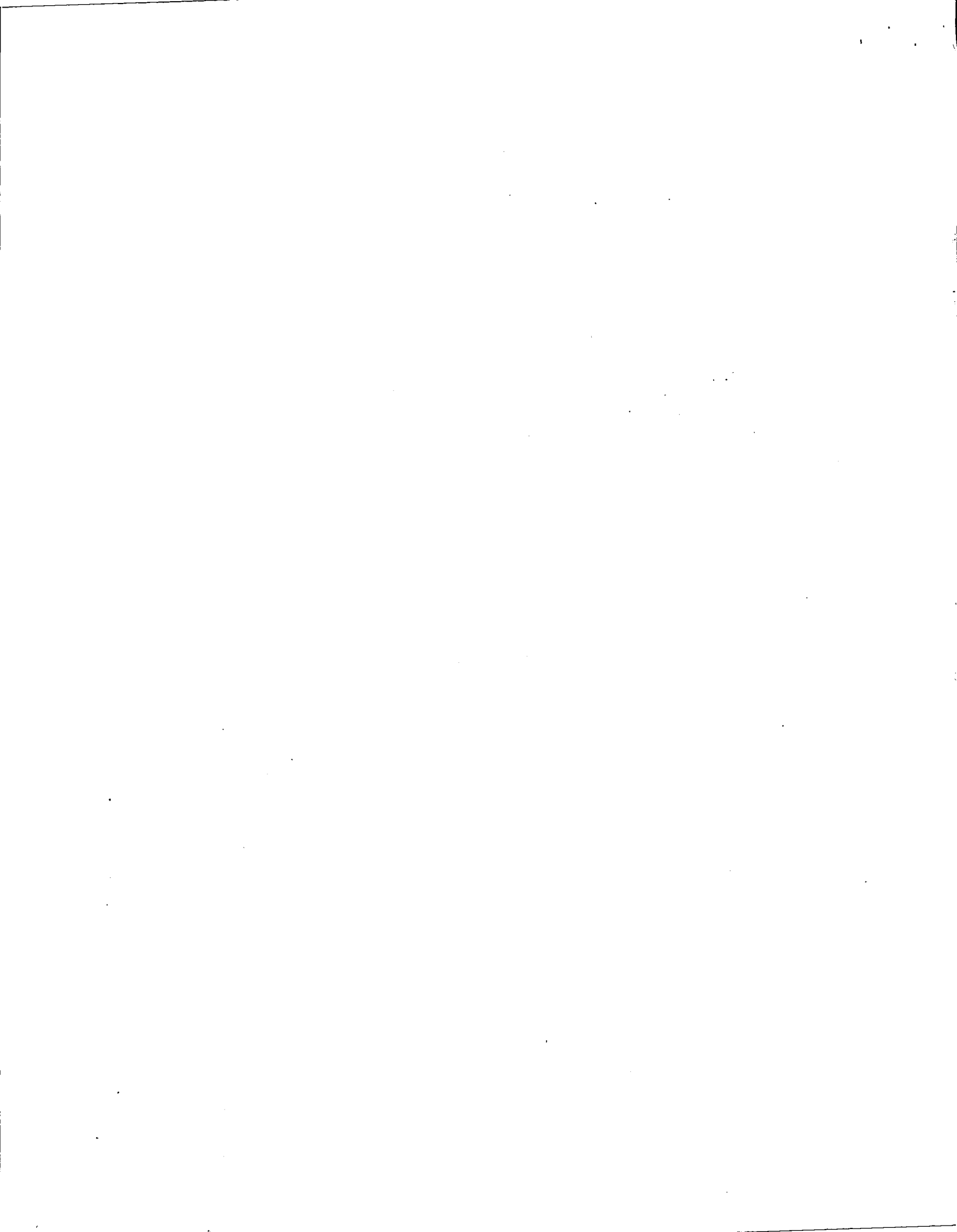
The consultant prepared a preliminary PSR, in accordance with the terms of the original Agreement, which was submitted to Caltrans for review. Caltrans has subsequently revised their statewide design standards such that substantial re-design of the feasible alternative concepts is now required beyond the scope of the original Agreement. The revised design standards are expected to result in significant savings in project construction costs.

Supplement No. 1 provides for modifying the preliminary design as required by Caltrans and for developing a two stage construction concept. The goal of the two stage concept would be to provide an interim connection to Exposition Boulevard and Highway 160, which would improve traffic circulation and allow some adjacent development to occur. The first phase would consist of extending Exposition Boulevard underneath the existing Southern Pacific railway lines with a temporary connection to SR160. The second phase would include the completion of Exposition Boulevard plus the construction of the complete interchange on SR160 and associated collector-distributor ramps (see Attachment 1).

It is recommended that the firm of Parsons DeLeuw Inc. prepare the revised PSR because of their existing database and familiarity with the project. It is expected that the draft PSR can be completed and ready for formal review in approximately twelve weeks.

FINANCIAL CONSIDERATIONS

The proposed Supplement No. 1 with Parsons DeLeuw is for a not-to-exceed amount of \$73,000 and increases the Agreement amount from \$55,960 to \$128,960.



City Council
Exposition Boulevard Extension Project (PN:TG61)
July 21, 1992

The current project budget is in an amount of \$625,000 in Transportation Sales Tax funds (Fund 201). The project had a balance of approximately \$494,000 on July 1, 1992.

Full project costs for phase one of the project are currently estimated to be in the range of \$4,000,000 - \$5,750,000, and are dependent on right-of-way costs. Full project costs for the overall project are currently estimated to be \$30,400,000.

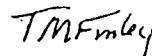
POLICY CONSIDERATIONS

This item conforms to City policy concerning execution of supplements to consultant services agreements.

MBE/WBE

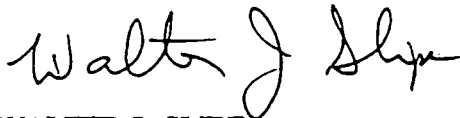
Parsons DeLeuw Inc. is not a MBE/WBE firm.

Respectfully Submitted:

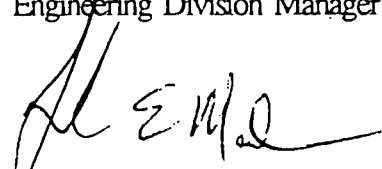


THOMAS M. FINLEY
Engineering Division Manager

Recommendation Approved:



WALTER J. SLIPE
City Manager



JOHN E. MEDINA
Director of Public Works

CONTACT PERSON:

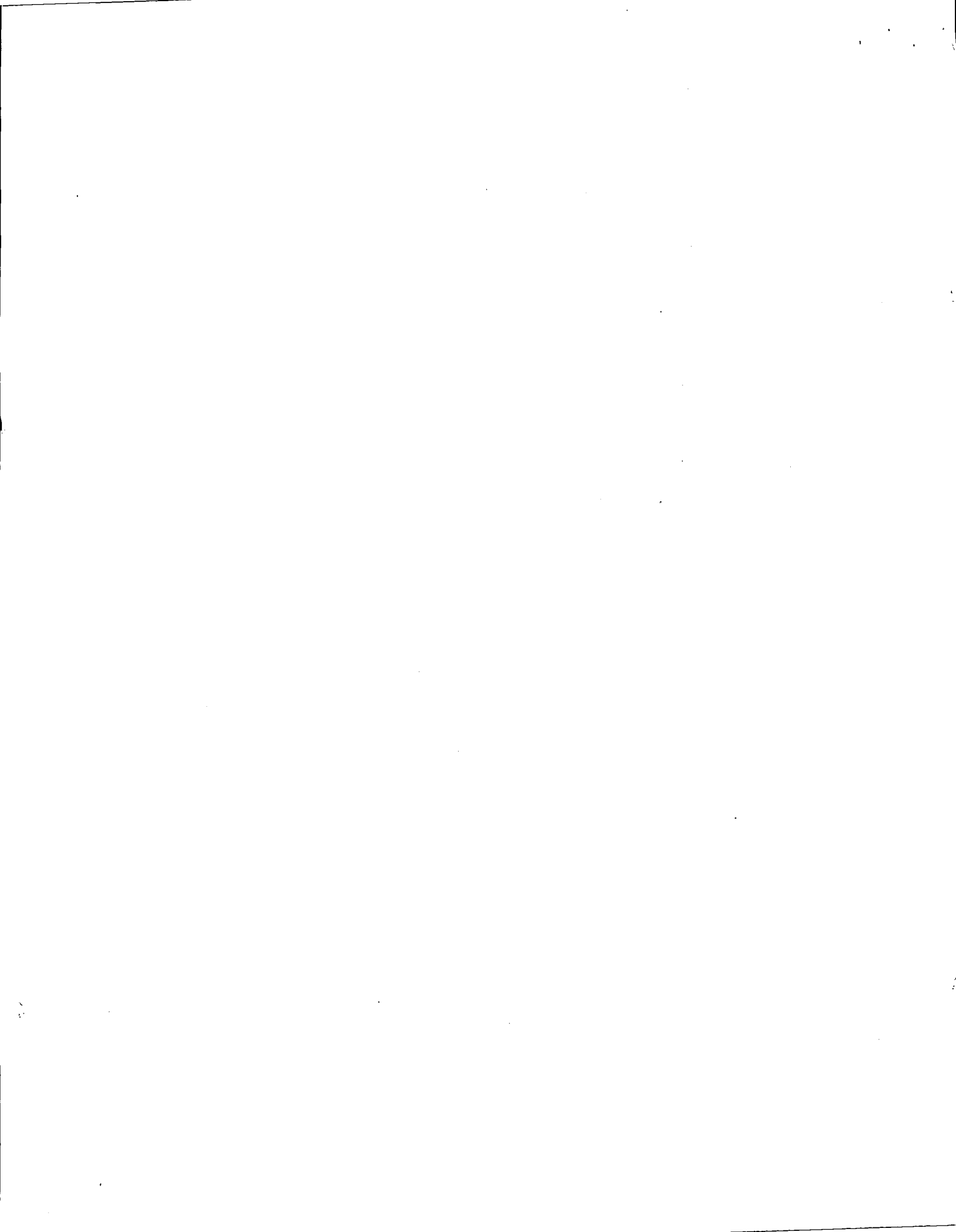
Larry Wing
Senior Engineer
264-7924

LW:kj
ED7-05.J
07.0992

Attachment

FOR COUNCIL MEETING OF:

July 21, 1992



RESOLUTION NO.

ADOPTED BY THE SACRAMENTO CITY COUNCIL

ON DATE OF _____

**RESOLUTION APPROVING SUPPLEMENT NO. 1
TO CONSULTANT SERVICES AGREEMENT WITH
PARSONS DELEUW INC. IN THE AMOUNT OF \$73,000
(PN:TG61)**

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF SACRAMENTO THAT:

1. The City Manager and the City Clerk are hereby authorized and directed to execute on behalf of the City of Sacramento, Supplement No. 1 to the Consultant Services Agreement (City Agreement No. 91-195) with Parsons DeLeuw Inc. for engineering services for the Exposition Boulevard Extension project in a not-to-exceed amount of \$73,000.

MAYOR

ATTEST:

CITY CLERK

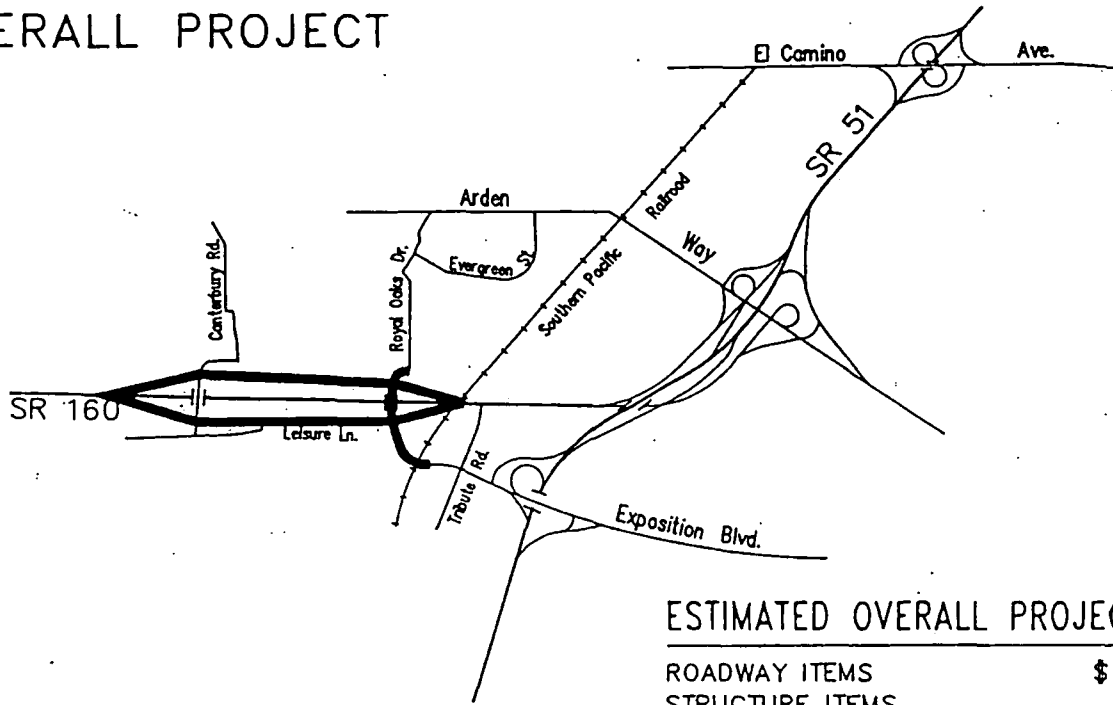
LW:kj
ED7-05.J
07.1692

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____

EXPOSITION BOULEVARD EXTENSION OVERALL PROJECT



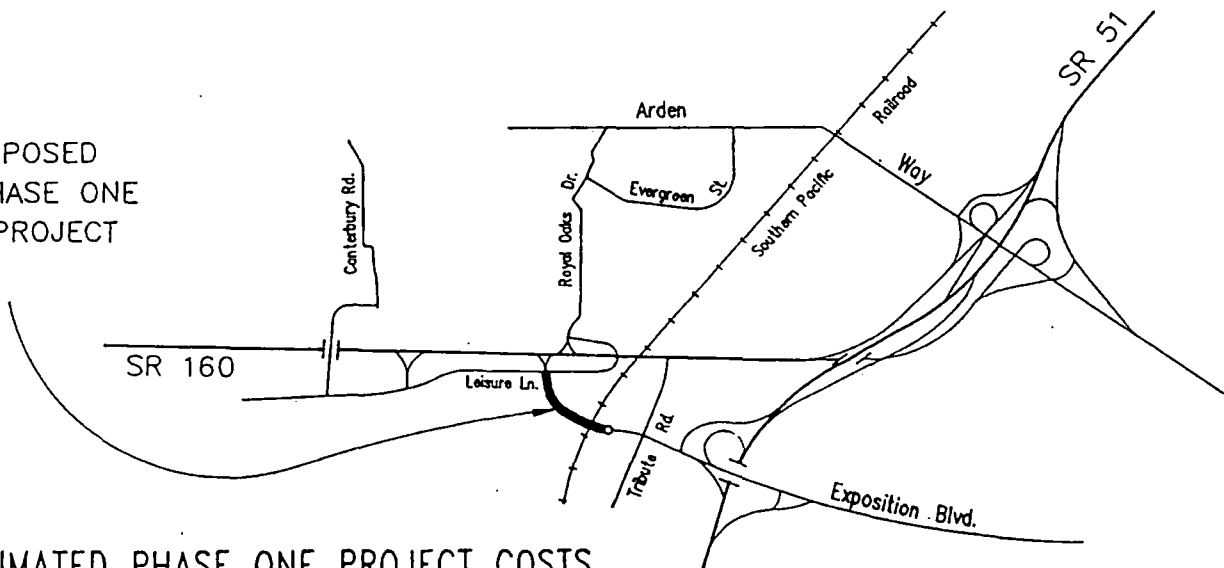
N
NO
SCALE

ESTIMATED OVERALL PROJECT COSTS

ROADWAY ITEMS	\$ 15,416,000
STRUCTURE ITEMS	4,613,000
RIGHT-OF-WAY	6,235,000
PROJECT DEVELOPMENT	4,106,000
EST. TOTAL PROJECT COST	\$30,370,000

EXPOSITION BOULEVARD EXTENSION PHASE ONE

PROPOSED
PHASE ONE
PROJECT



N
NO
SCALE

ESTIMATED PHASE ONE PROJECT COSTS

ROADWAY ITEMS	\$ 640,000
STRUCTURE ITEMS	2,727,000
RIGHT-OF-WAY	0-1,700,000
PROJECT DEVELOPMENT	675,000
EST. RANGE FOR PHASE ONE COSTS	\$4,042,000-5,742,000

CITY OF SACRAMENTO
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

November 24, 1993

Mr. Larry Wing, Senior Engineer
City of Sacramento
Department of Public Works
Engineering Division
927 Tenth Street, Room 300
Sacramento, CA 95814



Dear Larry:

**SUBJECT: TG61
EXPOSITION BOULEVARD EXTENSION/SR 160 INTERCHANGE PSR
Request for Supplemental Funds**

This is a request to amend our present agreement to include additional work and budget for services needed to define a Phase One Exposition Boulevard extension plan which is acceptable to Caltrans and meets the City of Sacramento's objectives in terms of transportation improvements and community development. The proposed agreement, Supplement No. 2, is an extension of the work completed by Parsons De Leuw, Inc. (PDI) and Barton-Aschman Associates, Inc. (BA) under Task 2 of Supplement No. 1.

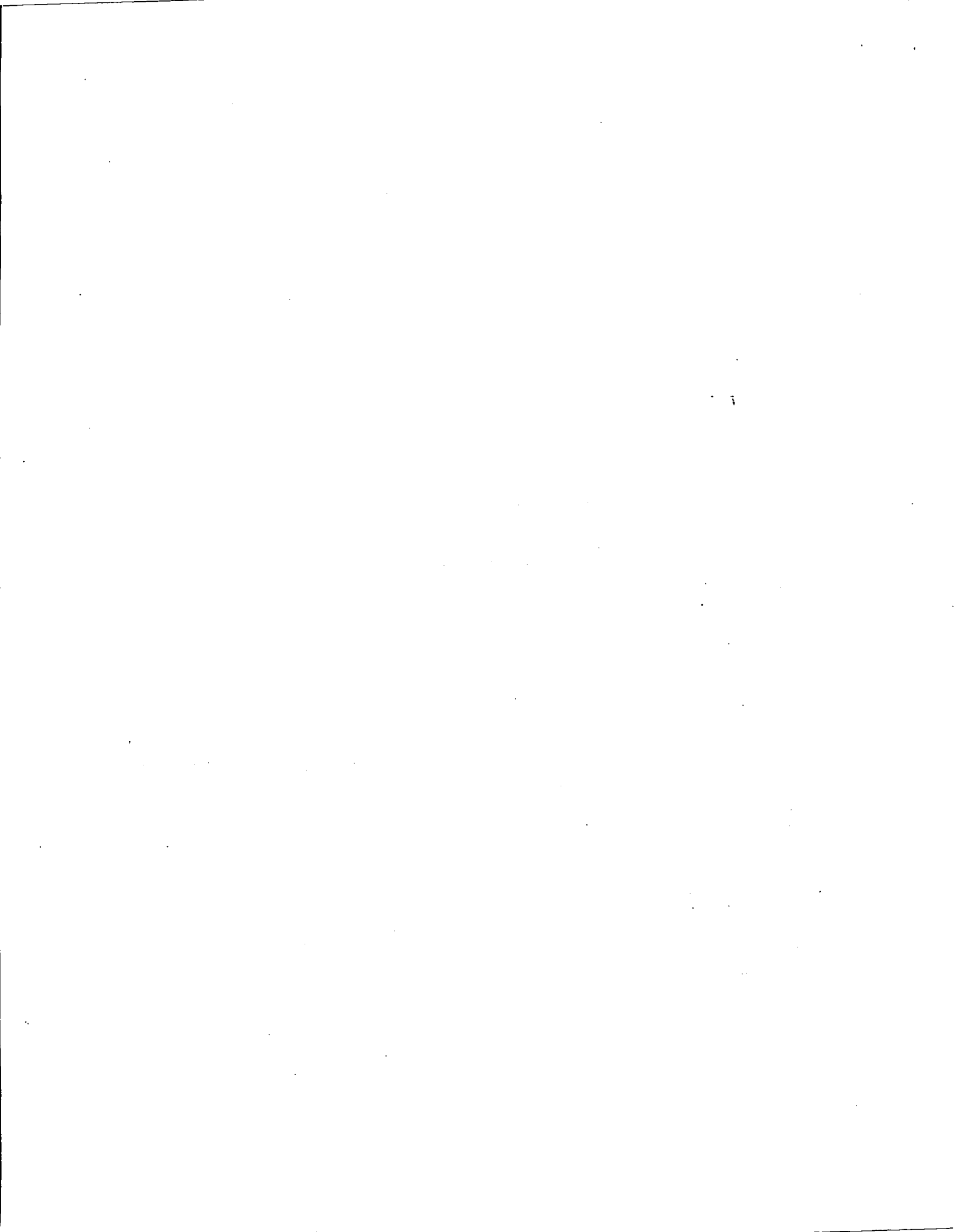
BACKGROUND

On October 22, 1991, the City of Sacramento and PDI executed a Consultant Services agreement for the subject project. On July 21, 1992, the original agreement was modified by the execution of Supplement No. 1, to include two added tasks, as follows:

- Supplemental Task 1—Incorporate New Caltrans Design Standards (budget=\$24,190)
- Supplemental Task 2—Phased Approach (budget=\$48,810)

The Task 2 budget assumed the proposed Phase One layout would be relatively simple and involve connecting a two lane roadway to form a fourth leg at the existing Leisure Lane/SR 160 ramp intersection, east of the Radisson Hotel. A further assumption was available traffic forecasts would simply be refined and incrementally analyzed to establish the year when the ultimate project would be needed.

In early 1993, PDI submitted a revised Draft PSR, which was subsequently reviewed by the City and Caltrans over a three-month period. On June 11, 1993, the status of expended funds was as follows:



Mr. Larry Wing
 November 24, 1993
 page 2

PARSONS DE LEUW, INC.

	<u>Hours</u>	<u>PDI Labor</u>	<u>Other Costs and Subconsultants</u>	<u>Total</u>
Total Budget	841	\$53,100	\$19,900	\$73,000
Actual Expended thru 06/11/93	839	\$51,301	\$12,429	<u>\$63,730</u>
			Remaining	\$ 9,270

Based on initial Caltrans review comments, the City and PDI assumed that with some added traffic forecasts (\$8,500 estimated cost) and limited drawing modifications, a PSR could be completed for an acceptable Phase One layout, without exceeding the remaining funds.

In the summer of 1993, PDI and BA studied numerous Phase One configurations and worked with local agencies to develop revised traffic forecasts. The costs expended are those shown for four-week periods 7, 8, and 9 on the attached Summary of Expenditures table. Near the end of August, it became apparent significant added effort would be needed to develop an acceptable Phase One improvement plan and to complete needed traffic forecast refinements and subsequent analyses. My August 30, 1993, letter to you summarized the project financial and technical status at that time, and advised it was not possible for PDI and BA to estimate with certainty the level of effort yet required to complete additional services. However, my letter advised that added funds would be needed. With your approval, PDI and BA continued on the expanded traffic and Phase One work.

In September and October, BA completed initial Year 2015 forecasts and worked with PDI to assess traffic operational deficiencies in the previously developed Phase One options. PDI and BA also identified suitable physical solutions. The attached tabulation shows actual expenditures during this time frame (i.e., Periods 10 and 11). During Period 11, a reanalysis was also completed of the two Ultimate Phase alternatives, using the 2015 forecasts. This led to identifying certain layout deficiencies (that also existed with the previously developed year 2010 design hourly volumes). PDI assessed the deficiencies and revised the Ultimate Phase concept drawings, written descriptions, and cost estimates as required. I estimate PDI expended approximately \$5,500 to modify the Ultimate alternatives.

In the first week of November, Bill Assmus, our Project Manager, revised the previous PSR to reflect the added traffic analyses and Phase One concept work. At that time, we also received billings from BA for the previous months' work. Through October 29, 1993, the status of expenditures-versus-budget was as follows:

	<u>PDI Labor</u>	<u>Other Costs and Subconsultants</u>	<u>Total</u>
Total Budget	\$53,100	\$19,900	\$ 73,000
Actual Expenditures thru 10/29/93	\$80,184	\$24,435	<u>\$ 104,619</u>
		Variance	\$ (31,619)

The \$24,435 figure for Other Direct Costs and Subconsultants includes \$15,300 for traffic forecast work by BA.

U

Mr. Larry Wing
November 24, 1993
page 3

PARSONS DE LEUW, INC.

COSTS TO COMPLETE

We are assuming that PDI will not be required to make any further revisions to the concept plans and cost estimates for Alternative 1, Alternative 2, and Phase One. On November 9, 1993, Bill Assmus prepared a memo to Sohrab Rashid of BA, giving technical directions for completing refined traffic forecasts, with the associated costs not to exceed \$7,500. The memo also describes the remaining work items and report preparation work that would be addressed by PDI to complete a final version of the PSR. The attached table shows our estimated costs-to-complete work during Periods 12 and 13. On that basis, we expect total PDI costs on this assignment to be \$128,591.

The attached Summary of Expenditures includes a "Not Billed to City" column that deducts costs related to travel and project administration by senior staff. The Period 11 deduction also reflects the expenses for modifying the Ultimate Alternatives. After adjustments, the Adjusted Costs total is \$116,951, which is approximately \$43,950 more than the initial \$73,000 budget. On this basis, PDI is asking that our present agreement be amended by executing a second supplement with a value of \$43,950.

SUPPLEMENT NO. 2

Attached is the proposed second contract amendment, which describes added services and related costs under four headings as follows:

<u>Supplemental Task</u>	<u>Description (PDI Periods)</u>	<u>Budget</u>
3A	Added Traffic Forecasts and Analyses (By BA)	\$ 9,750
3B	Develop Phase One Layout Options (Periods 7 through 11)	\$ 21,800
4A	Refined Traffic Forecasts and Operational Analyses (By BA)	\$ 7,500
4B	Finalization of Phase One Analyses and Documentation	\$ 4,900
TOTAL		\$ 43,950

The budgets for Tasks 3A and 3B are essentially actual expenditures (after deducting \$10,934 in adjustments). The Task 4A budget is BA's estimate. The estimate for PDI to complete Task 4B is based on the following:

- The Design Exception appendix will use the same format as in the January 1993 version of the PSR. Caltrans made no comments on that format when the document was reviewed last spring. To comply with the revised District Design Exceptions procedure recently furnished to us, a greater level of detailed plans and cost estimates for concept alternatives without the design exceptions would need to be prepared.
- PDI will furnish you with one pre-final copy of the PSR. It is understood the City will obtain required signatures from Caltrans. PDI will then print and supply the City with 25 copies of the final PSR.

Mr. Larry Wing
November 24, 1993
page 4

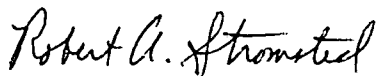
PARSONS DE LEUW, INC.

- All work of this assignment will be completed by December 31, 1993.
- The scope and budget for Task 4B do not include having PDI or BA respond to any further comments from Caltrans or the City.

Parsons De Leuw, Inc. appreciates the opportunity to serve the City of Sacramento on the Exposition Boulevard Extension Project. If you have any questions after reviewing the proposed Supplemental No. 2, please call me or Bill Assmus at (408) 289-8949.

Sincerely,

PARSONS DE LEUW, INC.



Robert A. Stromsted, P.E.
Vice President

WEA/cac

Attachment

TG61: Exposition Boulevard Extension/SR 160 PSR

SUMMARY OF EXPENDITURES AND ESTIMATED COSTS TO COMPLETE

4-week Period(s)	Total Cost of Services				Not Billed to City	Adjusted Costs
	PDI Labor	PDI Other Costs	Barton- Aschman	TOTAL		
Thru 6/11/93	\$ 51,301	\$ 6,878	\$ 5,551	\$ 63,730	\$ 1,601	\$ 62,129
7 & 8 (End 8/6/93)	\$ 3,225	\$ 758	\$ 0	\$ 3,983	\$ 744	\$ 3,239
9 (End 9/3/93)	3,661	130	633	4,424	1,144	3,280
10 (End 10/01/93)	5,008	625	5,808	11,441	1,373	10,068
11 (End 10/29/93)	16,989	744	3,308	21,041	6,072	\$ 14,969
7 thru 11 TOTAL	\$ 28,883	\$ 2,257	\$ 9,749	\$ 40,889	\$ 9,333	\$ 31,556
Thru 10/29/93	\$ 80,184	\$ 9,135	\$ 15,300	\$ 104,619	\$ 10,934	\$ 93,685
12 (End 11/26/93)	\$ 7,818	\$ 800	\$ 4,000	\$ 12,618	\$ 572	\$ 12,046
13 (End 12/24/93)	\$ 6,654	\$ 1,260	\$ 3,500	\$ 11,414	\$ 194	\$ 11,220
GRAND TOTAL	\$ 94,656	\$ 11,195	\$ 22,800	\$ 128,651	\$ 11,700	\$ 116,951

ACTIVITIES:

- Period 7, 8, & 9 Physical study of numerous Phase One Alternatives.
- Period 10 Initial 2015 traffic forecasts. Refinement of promising alternative.
- Period 11 & 12 Preparation of updated PSR (November 4, 1993, Progress Copy); traffic analyses with initial 2015 forecasts, and revision of Ultimate Phase drawings.

11/24/93