



36

**DEPARTMENT OF
PUBLIC WORKS**

OFFICE OF ENGINEERING AND
TRANSPORTATION SERVICES

October 26, 1989

City Council
Sacramento, California

Honorable Members In Session:

SUBJECT: Application for State-Local Transportation Demonstration Program Funds (SB140)

SUMMARY

It is recommended that the revised application of the Business 80 (State Route 51) and Richards Boulevard Interchange be resubmitted for consideration for funds intended to be available through the State-Local Transportation Demonstration Program of the Deddeh Transportation Improvements and Reform Act (SB140). The original application to Caltrans for this project was returned due to an inadmissible financing structure. The amount requested in the revised application is \$7,261,000. This item is an administrative change to an item previously heard and approved by Council.

BACKGROUND

The Deddeh Transportation Improvements and Reform Act (SB140) intends to provide \$300,000,000 for State-Local Transportation Demonstration Program for fiscal year 1990-91. Up to 50 percent of a local agency's share of certain highway construction costs can be provided through this program. However, based on Caltrans estimates, the amount may be significantly less based on applications already received.

Projects eligible for consideration under this program must meet the following conditions:

- 1) Upon completion of the project, it would constitute a usable segment that would increase the capacity of the highway or guideway or would extend service to new areas, or, in the case of a local road rehabilitation project, it would extend the useful life of the roadway.
- 2) The applicant has committed, or is capable of committing, to pay the local share to complete the project.
- 3) The project is not receiving any other State funds.
- 4) The applicant has completed, or is capable of completing, all project development work so that the contracts for the project can be awarded no later than June 31, 1991.
- 5) Improvements to State highways are consistent with State and Federal standards, are designed to minimize long-term maintenance costs, and are approved by the department.

CITY OF SACRAMENTO
CALIFORNIA

APPROVED
BY THE CITY COUNCIL

OCT 26 1989

OFFICE OF THE
CITY CLERK

1023 J STREET
SUITE 200
SACRAMENTO, CA
95814-2819

916-449-5307

The proposed Richards Boulevard Extension and Business 80 Interchange is a project that meets these conditions.

The Council heard this item at the June 27, 1989, Council meeting and approved the resolution authorizing the Director of Public Works to submit the application for consideration in the SB140 program. The original application was made to Caltrans by the June 30, 1989, deadline. The amount requested in the original application was \$3,996,000.

The estimated costs of the interchange and associated improvements is \$14,530,000. The developer of the proposed Centrage project will fund 45 percent of these costs, or \$6,538,000. Of the remaining \$7,992,000, 50 percent, or \$3,996,000, may be available through SB140.

Upon review of the original application, Caltrans determined that the project funding as proposed would be ineligible for the SB140 program. The following outlines the original proposed funding sources:

	Costs (\$1,000)
Total Project Cost	\$14,530
Less Developer Contribution (45%)	<u>6,538</u>
Local Responsibility (55%)	\$ 7,992
* Maximum State Share (50%)	\$ 3,996
Minimum Local Share (50%)	\$ 3,996
* 50% of Local Responsibility	

Caltrans determined that direct developer contributions cannot be used as a local share to match SB140 State funds. Caltrans suggested that this area of concern can be eliminated by forming an assessment district or Mello Roos to partially fund the local share.

The attached application has been revised to reflect a district or Mello Roos as the source of the local share, in compliance with SB140 program guidelines.

	Costs (\$1,000)
Total Project Cost	\$14,523
Maximum State Share (50%)	7,261
Minimum Local Share (50%)	7,262

FINANCIAL

There is no direct financial obligation in submitting this application.

POLICY CONSIDERATIONS

N/A

MBE/WBE

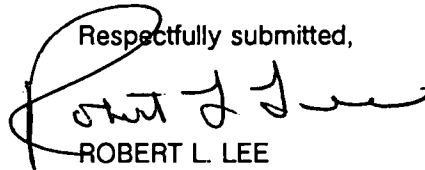
N/A

City Council
October 26, 1989
Page 3

RECOMMENDATION

It is recommended that the attached resolution be adopted which authorizes the Director of Public Works to submit a revised application to Caltrans for funds available through the State-Local Transportation Demonstration Program of the Deddeh Transportation and Reform Act in the amount of \$7,261,000 for the proposed Richards Boulevard Extension and Business 80 Interchange.

Respectfully submitted,



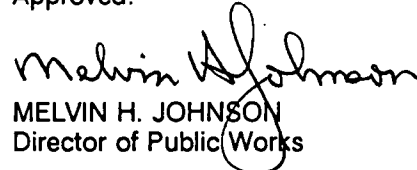
ROBERT L. LEE
Deputy Director of Public Works

Recommendation Approved:



WALTER J. SLIPE
City Manager

Approved:



MELVIN H. JOHNSON
Director of Public Works

Contact Person to
Answer Questions:

MARY WRAY, Assistant to the
Transportation Division Manager
449-5307

October 26, 1989
District No. 1

Attachments

MW:lm
CA7-97
10.1789

RESOLUTION NO. 89-841

ADOPTED BY THE SACRAMENTO CITY COUNCIL

APPROVED
BY THE CITY COUNCIL

ON DATE OF _____

OCT 26 1989

OFFICE OF THE
CITY CLERK

APPLICATION FOR STATE-LOCAL TRANSPORTATION DEMONSTRATION PROGRAM FUNDS AVAILABLE FROM THE DEDDEH TRANSPORTATION IMPROVEMENT AND REFORM ACT (SB140)

WHEREAS, it is the intent of the Deddeh Transportation Improvement and Reform Act to initiate a new state-local partnership for financing transportation improvement projects by providing \$300,000,000 in fiscal year 1990-91 for a State-Local Transportation Demonstration Program, and

WHEREAS, the proposed Richards Boulevard extension and Business 80 (State Route 51) Interchange and the proposed improvements to Business 80 associated with the interchange is a locally funded project that will provide economic benefit to the State, and

WHEREAS, completion of the Richards Boulevard extension and Business 80 Interchange will constitute a usable segment that would increase the capacity of the highway and will extend service to new areas, and

WHEREAS, this project is not receiving any other State funds, and

WHEREAS, all project development work can be completed so that contracts for construction of the project can be awarded no later than June 30, 1991, and

WHEREAS, the proposed improvements to Business 80 will be consistent with state and federal standards and designed to minimize long-term maintenance costs and approved by Caltrans.

NOW, THEREFORE, be it resolved that the Director of Public Works is hereby authorized to submit the modified application (attached) to Caltrans for funding of up to \$7,261,000 intended to be available through the State-Local Transportation Demonstration Program of the Deddeh Transportation Improvement and Reform Act, for use on the proposed Richards Boulevard Extension and Business 80 Interchange.

MAYOR

ATTEST:

CITY CLERK

CA7-97

FOR CITY CLERK USE ONLY

RESOLUTION NO.: _____

DATE ADOPTED: _____

APPLICATION FOR
STATE-LOCAL TRANSPORTATION DEMONSTRATION PROGRAM FUNDS
(SB 140, CHAPTER 24, STATUTES OF 1988)

PART I. INTRODUCTION and CERTIFICATION

PURSUANT TO CALIFORNIA STREETS AND HIGHWAYS CODE, DIVISION 3, CHAPTER 16, SECTION 2600 et seq., application for State-Local Transportation Demonstration Program Funds is hereby made by:

Applicant: City of Sacramento, Department of Public Works

Address: 915 "I" Street, Sacramento, CA 95814

Contact

Person: Mr. Robert Lee or Phone: (916) 449-5233
Ms. Mary Wray (916) 449-5307

Name of Facility: Richards Boulevard/SR 51 (Bus. 30) Interchange

District: 03 County: SAC Route: 51 Postmile: 2.40/3.60

Amount of State Share Funds Requested: \$ 7,261,000

Description of Project Limits: On State Route 51 (Business 30) in the City of Sacramento from "E" Street Interchange to American River Bridge.

Description of Work: Construct a new local street tight-diamond interchange including replacement and lengthening of existing "B" Street Underpass, removal of "A" Street Overcrossing, modification of existing floodgate structure and constructing auxiliary lanes each direction between the Richards Boulevard and "E" Street Interchanges and soundwalls between milepost 2.40 and 2.60. The proposed project is an integral part of the proposed extension of Richards Boulevard from SR-160 to SR-51 which will be constructed independently in the future. The project will significantly increase traffic circulation capacity in Downtown and Midtown Sacramento, provide capacity to widen SR 51 to eight lanes in the future, and will provide service to new areas both north and south of SR-51.

CERTIFICATION: To the best of my knowledge and belief, the data and information provided in this application are true and correct, and I am authorized to file this application on behalf of the applicant. Further, applicant acknowledges that it understands and can comply with the time limits for award of contracts and expenditure of funds.

Name and Title: Robert Lee, Deputy Director of Public Works
(Print or Type) for Melvin Johnson, Director of Public Works

Signature: 

Date: 6-30-89

PART II. PROJECT COSTS

PROJECT COSTS (\$1,000)

(A) Contract:	\$	13,203
(B) Const. Engr.:	\$	1,320
		(Not to exceed 10%)
(C) Totals:	\$	14,523

36

PART III. PROJECT FUNDING (\$1,000)

Maximum State Share:

Project Costs:	\$	14,523
Minus (-)		
Federal Funds ¹	\$	None
(D) Subtotal	\$	14,523 x .50 = \$7,261
		(Max. State Share)
		(enter on Page 1)

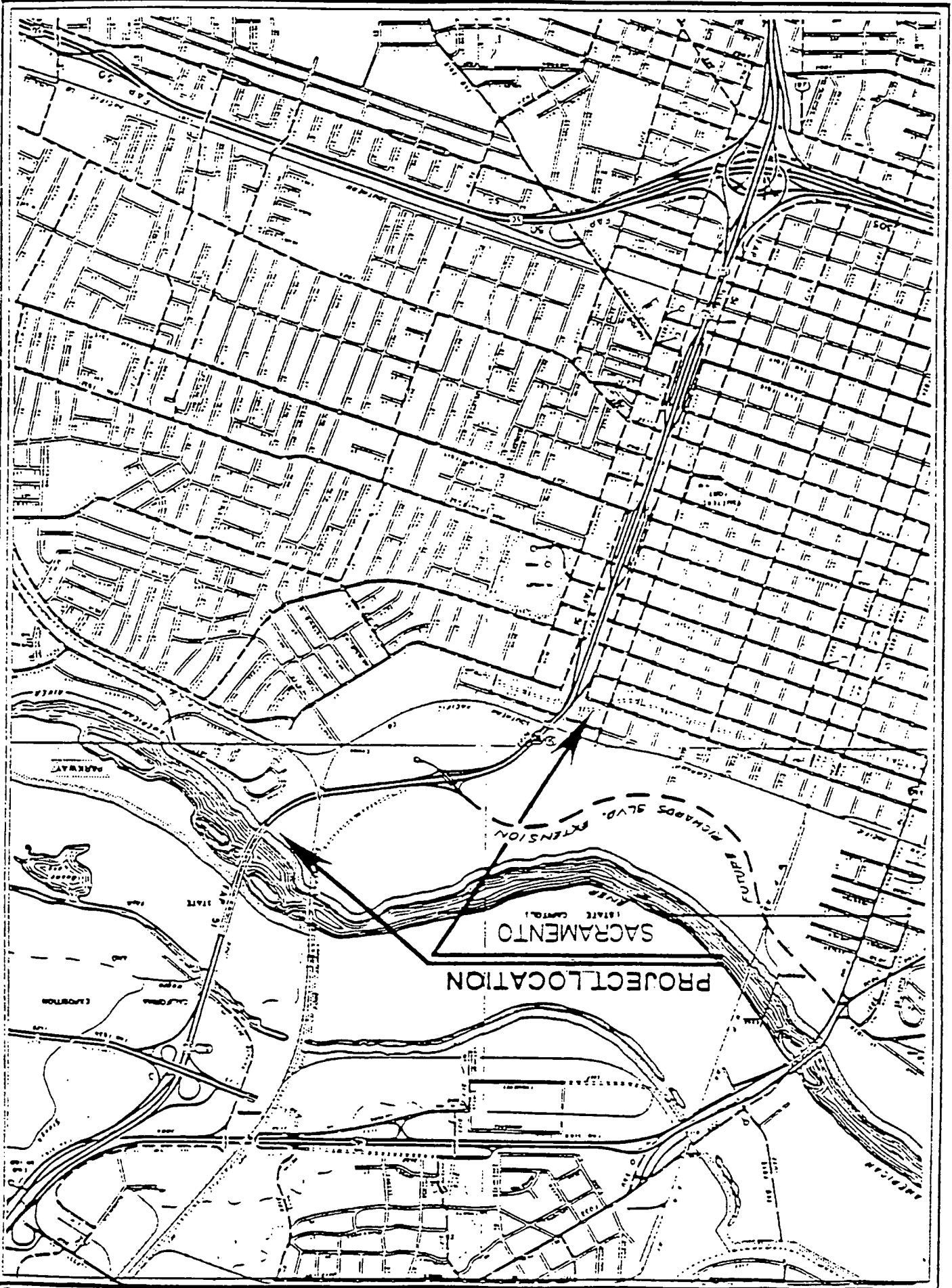
Minimum Local Share:

Subtotal for above:	\$	14,523
Max. State Share:	\$	7,261
Minus (-)		
Min. Local Share:	\$	7,262

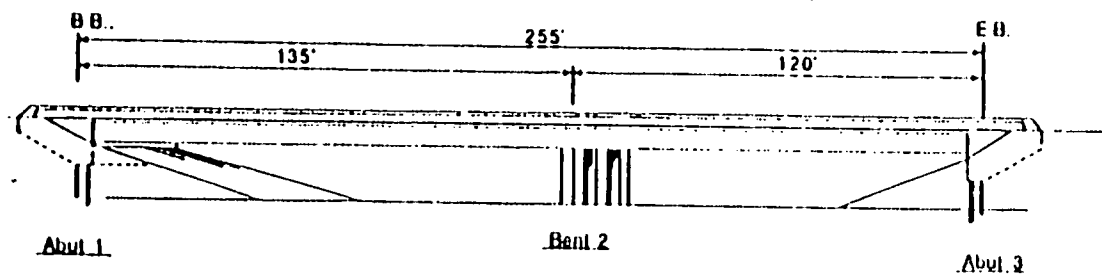
Identify source of local share funds:

The source of local share funds will be a Mello-Roos District. A City Council Resolution of intent to form the district is forthcoming. The item is planned to be heard by the Council at their regular meeting on November 28, 1989.

¹ This includes Local Funds which are used to match Federal Funds.

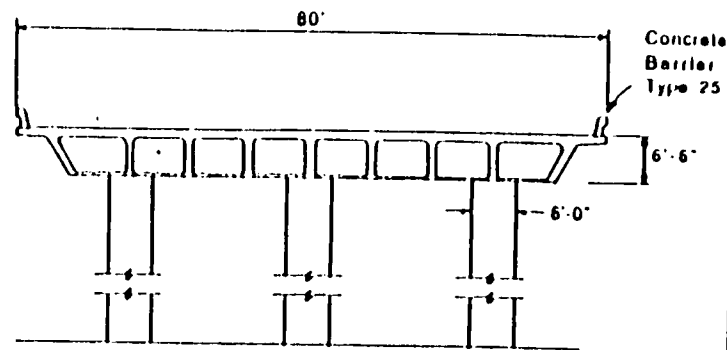


36



ELEVATION

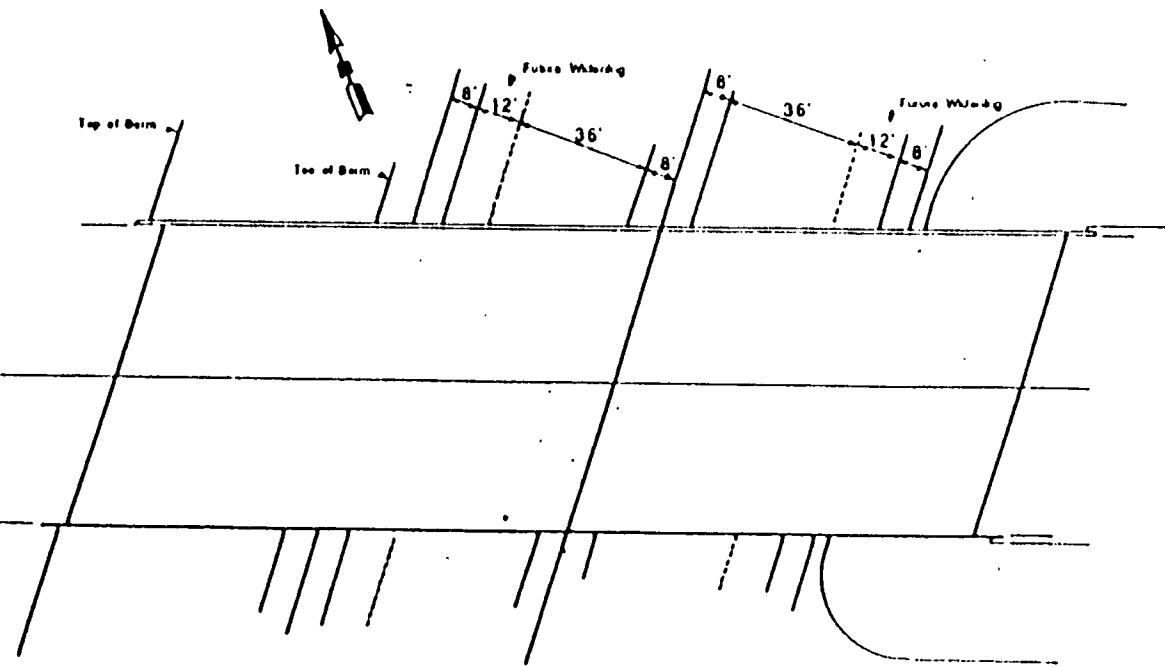
1"=40'



TYPICAL SECTION

1"=20'

- ① Traffic will pass through openings.
- ② Assume pile footing.



PLAN

1"=40'

Date of estimate	=	8/6/86
Str. Depth	=	6'-6"
Length	=	255'
Width	=	60'
Area	=	20,400
Cost/ <input type="checkbox"/> Including		
10% Mobilization &		
20% Contingency	=	72.80
Total Cost	=	1,485,000

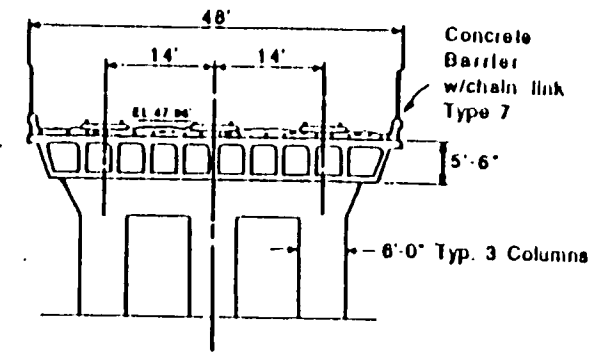
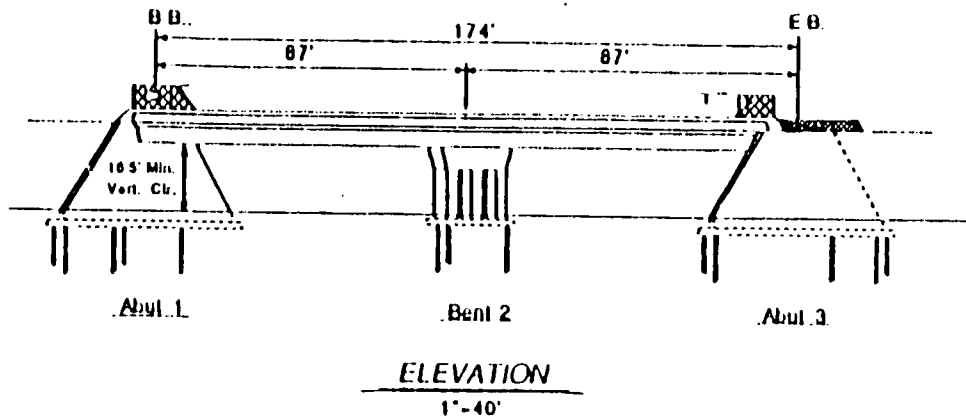
DE Dokken Engineering

LES AC
TR CA
OR
NY

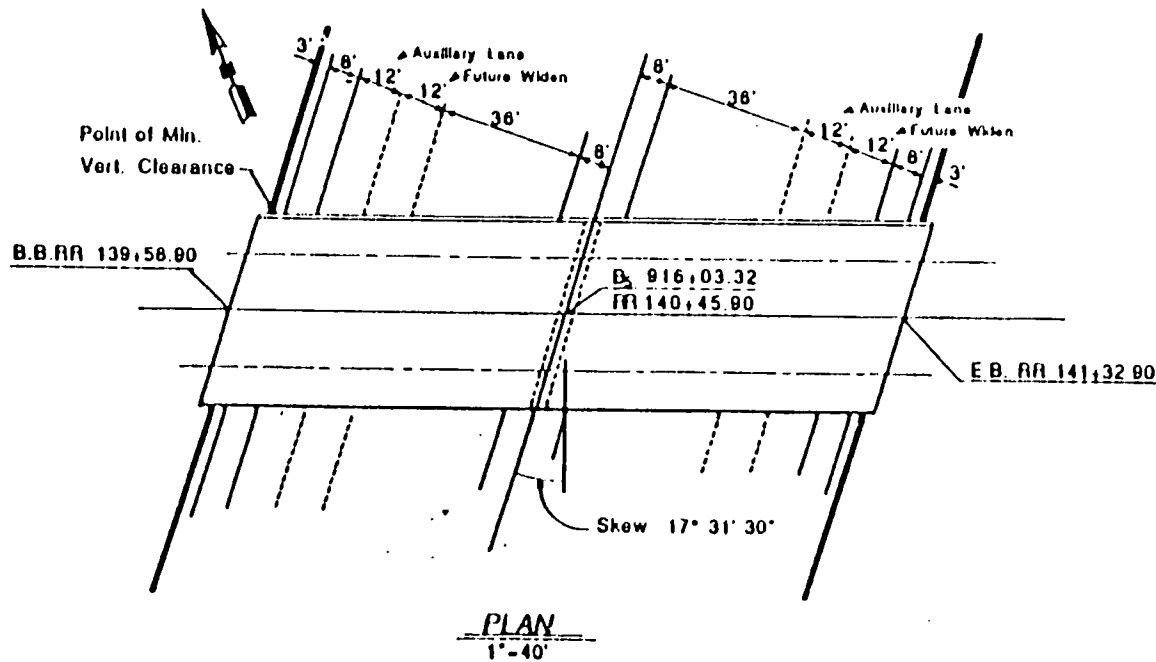
**RICHARDS BLVD OVERCROSSING
ADVANCE PLANNING STUDY**

W
S

DATE
BY
CHKD
APPD



- ① Traffic will pass through openings.
- ② Superstructure to be constructed above final profile and be lowered into place.
- ③ Assume pile footing.



Date of estimate	=	12-3-87
Str. Depth	=	2'-6"
Length	=	174'
Width	=	48'
Area	=	8,352
Cost/ \square Including		
10% Mobilization &		
20% Contingency	=	298.6
Total Cost	=	2,494,000

Dokken Engineering

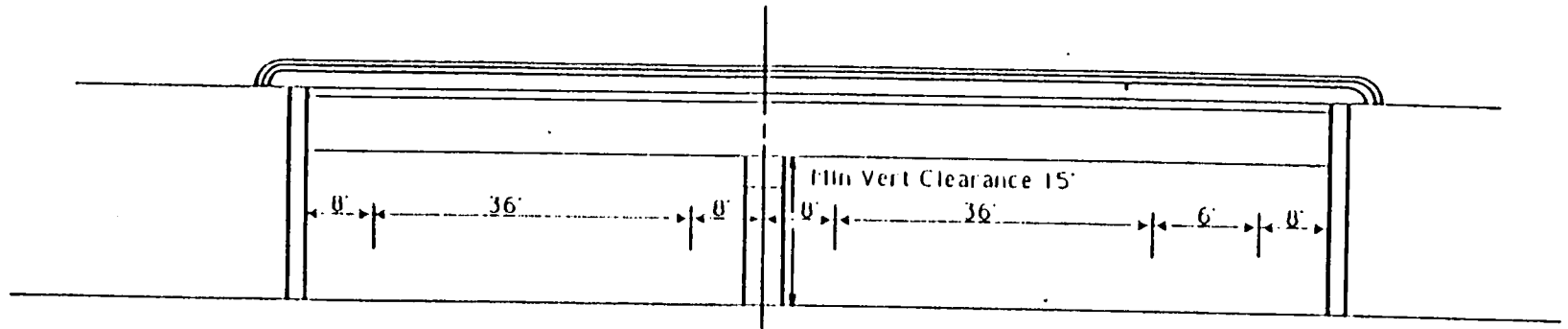
108 E
in. 0'
OK
410

**"B" STREET UNDERPASS
ADVANCE PLANNING STUDY**

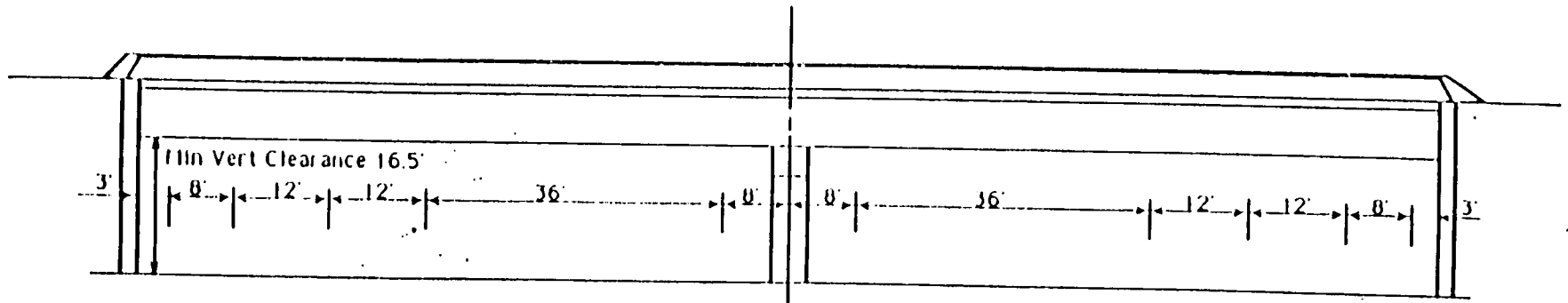
3
6

7
14
21
28
35

TYPICAL SECTIONS @ Φ INTERSECT



Existing "B" Street Underpass



Proposed "B" Street Underpass

E-A

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
		<i>Richards/SR51 Interchange</i>				
		ROADWAY ITEMS				
1	070001	Construction Staking		LS LS	\$55,000.00	\$55,000.00
2	072001	Construct Detour		LS LS	\$82,500.00	\$82,500.00
3	120090	Construction Area Signs		LS LS	\$15,000.00	\$15,000.00
4	120100	Traffic Control System		LS LS	\$27,500.00	\$27,500.00
5	129000	Temporary Railing (Type K)	5,280.00	LF	\$12.00	\$63,360.00
6	157550	Bridge Removal		LS LS	\$165,000.00	\$165,000.00
7	160101	Clearing & Grubbing		LS LS	\$35,000.00	\$35,000.00
8	190101	Roadway Excavation	25,000.00	CY	\$7.50	\$187,500.00
9	198001	Imported Borrow	320,000.00	CY	\$6.00	\$1,920,000.00
10	250401	Class 4 Aggregate Subbase	8,500.00	CY	\$13.00	\$110,500.00
11	250201	Class 2 Aggregate Base	5,200.00	CY	\$23.00	\$119,600.00
12	390160	Type B Asphalt Concrete	12,300.00	Ton	\$32.00	\$393,600.00
13	56----	Overhead Signs		LS LS	\$165,000.00	\$165,000.00
14	566---	Roadside Signs		LS LS	\$22,000.00	\$22,000.00
15	65----	Drainage		LS LS	\$450,000.00	\$450,000.00
16	68----	Edge Drain		LS LS	\$38,500.00	\$38,500.00
17	72----	Erosion Control		LS LS	\$42,000.00	\$42,000.00
18	73----	Minor Concrete (Curb)		LS LS	\$37,500.00	\$37,500.00
19	30----	Chain Link Fence		LS LS	\$33,000.00	\$33,000.00
20	33----	Metal Beam Guard Railing		LS LS	\$82,500.00	\$82,500.00
21	34----	Striping		LS LS	\$32,000.00	\$32,000.00
22	3602--	Signals & Lighting		LS LS	\$198,000.00	\$198,000.00
23	3605--	Sign Illumination		LS LS	\$82,500.00	\$82,500.00
24	3611--	Ramp Metering		LS LS	\$55,000.00	\$55,000.00
		Soundwall	1,100.00	LF	\$150.00	\$165,000.00
		Subtotal Roadway				\$4,577,560.00
		BRIDGE ITEMS				
25	129000	Temporary Railing (Type K)	880.00	LF	\$20.00	\$17,600.00
26	192003	Structure Excavation (Bridge)	1,010.00	CY	\$25.00	\$25,250.00
27	193003	Structure Backfill (Bridge)	690.00	CY	\$35.00	\$24,150.00
28	490713	Furnish Piling (Class 70)	3,905.00	LF	\$10.00	\$39,050.00
29	490714	Drive Pile (Class 70)	92.00	EA	\$1,200.00	\$110,400.00
30	500001	Prestressing Cast-In-Place Concrete		LS LS	\$93,660.00	\$93,660.00
31	510053	Structure Concrete (Bridge)	2,030.00	CY	\$325.00	\$659,750.00
32	510080	Structure Concrete, Approach Slab	315.00	CY	\$300.00	\$94,500.00
33	519001	Waterstop	220.00	LF	\$15.00	\$3,300.00
34	519086	Joint Seal (Type B - MR 1-1/2")	220.00	LF	\$55.00	\$12,100.00
35	520102	Bar Reinforcing Steel (Bridge)	370,000.00	LB	\$0.50	\$185,000.00
36	333032	Chain Link Rail (Type 7)	660.00	LF	\$35.00	\$23,100.00
37	333125	Concrete Barrier (Type 25)	660.00	LF	\$65.00	\$42,900.00
		Subtotal Bridge				\$1,330,760.00
		Subtotal Estimate				\$5,908,320.00
		Mobilization(10%)				\$590,832.00
		Contingencies(10%)				\$649,915.20
		TOTAL ESTIMATE				\$7,149,067.20

36

36

ITEM NO.	ITEM CODE	ITEM DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
		'B' Street Underpass Replacement				
		STRUCTURE ITEMS				
1	129000	Temporary Railing (Type K)	530.00	LF	\$20.00	\$10,600.00
2	157550	Bridge Removal	LS	LS	\$380,000.00	\$380,000.00
3	192003	Structure Excavation (Bridge)	1050.00	CY	\$25.00	\$26,250.00
4	193003	Structure Backfill (Bridge)	780.00	CY	\$35.00	\$27,300.00
5	490713	Furnish Piling (Class 70)	11760.00	LF	\$10.00	\$117,600.00
6	490714	Drive Pile (Class 70)	295.00	EA	\$1,200.00	\$354,000.00
7	500001	Prestressing Cast-In-Place Concrete	LS	LS	\$77,200.00	\$77,200.00
8	510051	Structural Concrete, Bridge Footing	740.00	CY	\$300.00	\$222,000.00
9	510053	Structural Concrete, Bridge	960.00	CY	\$360.00	\$345,600.00
10	520102	Bar Reinforcing Steel (Bridge)	301500.00	LBS	\$0.50	\$150,750.00
11	333032	Chain Link Railing (Type 7)	380.00	LF	\$35.00	\$13,300.00
12	333125	Concrete Barrier (Type 25)	380.00	LF	\$35.00	\$13,300.00
13	01----	Shoring	LS	LS	\$88,000.00	\$88,000.00
14	01----	Jacking Operations	LS	LS	\$110,000.00	\$110,000.00
15	01----	Wingwall (H14)	220.00	LF	\$650.00	\$143,000.00
		Subtotal Bridge				\$2,078,900.00
		ROADWAY ITEMS				
16	070001	Construction Staking	LS	LS	\$45,000.00	\$45,000.00
17	072001	Construct Detour	LS	LS	\$105,000.00	\$105,000.00
18	120090	Construction Area Signs	LS	LS	\$10,500.00	\$10,500.00
19	120100	Traffic Control System	LS	LS	\$32,500.00	\$32,500.00
		Subtotal Roadway				\$193,000.00
		RAILROAD ITEMS				
20	01----	Imported Borrow	180000.00	CY	\$6.00	\$1,080,000.00
21	01----	Railroad Track Work	LS	LS	\$2,650,000.00	\$2,650,000.00
22	01----	Railroad Inspection	LS	LS	\$92,350.00	\$92,350.00
		Subtotal Railroad				\$3,822,350.00
		Subtotal Estimate				\$6,094,250.00
		Mobilization(10%)				\$609,425.00
		Contingencies(10%)				\$670,367.50
		TOTAL ESTIMATE				\$7,374,042.50