



Metropolitan
Transportation
Authority

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PLANNING AND PROGRAMMING COMMITTEE
JULY 16, 2003

SUBJECT: MTA POST 1989 RETROFIT SOUNDWALL PROGRAM

ACTION: ADOPT WORKING PRIORITIES AND APPROVE RECOMMENDATION FOR THE DESIGN OF THE POST 1989, PHASE I, PRIORITY 1 SOUNDWALLS FOR DESIGN PACKAGES 1 TO 3

RECOMMENDATIONS

- A) Adopt working priorities for the future construction of the Post 1989, Phase I, Priority 1 Soundwalls as shown on Attachment A.
- B) Authorize the Chief Executive Officer to enter into a Memorandum of Understanding (MOU) with Caltrans for an amount not to exceed \$ 4.3 million to reimburse Caltrans for the final design and right-of-way support of the Post 1989, Phase I, Priority 1 Soundwalls, Design Packages 1 to 3 (Attachment A).

ISSUE

The MTA has completed the preliminary engineering (PE) of the Post 1989, Phase I, Priority 1 Soundwalls. The next step is to prepare the final design and right-of-way support for those soundwall projects that are within or close to MTA's funding ability at this time. Caltrans is the appropriate agency to conduct these activities. At its regular meeting in April 2003, the MTA Board approved working priorities which included funding for the final design and right-of-way support for Post 1989, Phase I, Priority 1 Soundwalls.

POLICY IMPLICATIONS

The Board adopted the Post 1989 Retrofit Soundwall Implementation Policies in April 2000 which includes delivery and funding strategies for the Post 1989, Phase I Soundwall projects. The policy assigns responsibility for the work of preparing final design plans to Caltrans. Caltrans has designated a specialized soundwall design team to ensure the efficient implementation of the Post 1989 Soundwalls.

ALTERNATIVES CONSIDERED

The MTA Board could choose not to enter into a funding agreement with Caltrans for the final design of Post 1989, Phase I, Priority 1 Soundwall projects, Design Packages 1 to 3. However, MTA staff is not recommending this action because

chooses not to enter into a funding agreement with Caltrans, the design and construction of Post 1989, Phase I, Priority 1 Soundwalls, Design Packages 1 to 3 would be unnecessarily delayed. The Board could also choose to design the entire list of Phase I, Priority 1 Soundwall projects at this time. Staff is not recommending this, however, as there is not currently sufficient funds to construct the entire Post 1989, Phase I, Priority 1 Soundwall projects. After previous Board Soundwall commitments are met, based on the recently adopted Board working priorities, there would be approximately \$34.5 million available at this time for design and construction of Post 1989, Phase I, Priority 1 Soundwalls. The recommended action would design those soundwall design packages in priority order that are close to the currently available amount of soundwall funding. Staff is recommending design of the first three design packages only at this time. The currently available funding will allow MTA to construct all the walls in Design Packages 1 through 3. As further funds are identified, MTA will request Board approval to initiate final design of Design Packages 4, 5, 6, and 7.

FINANCIAL IMPACT

Sufficient funds have been budgeted in Cost Center 4340, Gateway Cities Area Team, under Project Number 405522, Account Number 50316, Task Number 001.19, Post 1989 retrofit soundwall program to reimburse Caltrans for the design of Phase I, Priority 1 Soundwalls, Design Packages 1 to 3. Since this is a multi-year work program, the cost center manager and Executive Officer will be accountable for budgeting the costs in future years.

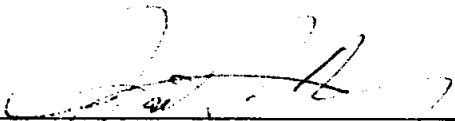
DISCUSSION

Using data from the completed PE soundwall reports, Caltrans computed Priority Index Numbers (PIN's) using the State required methodology for all of the Phase I, Priority 1 Soundwall projects. MTA and Caltrans grouped the projects into seven design packages based on their proximity along freeway corridors to ensure the most cost efficient construction. The design packages were in-turn prioritized based on the average of the PIN's in the respective design packages. Projects are not prioritized within design packages.

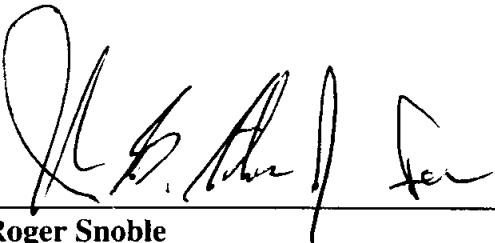
The estimated design cost of \$ 4.3 million was derived by reviewing the complexity of the soundwall construction and applying approximately 15 percent factor to the total construction cost. The estimated construction cost of the Phase I, Priority 1 Soundwall projects, Design Packages 1 to 3 were calculated from the Preliminary Engineering reports that were prepared for each project. The memorandum of understanding (MOU) between Caltrans and MTA will spell-out the work process and procedures, present a completion schedule of key milestones and establish expenditure levels for the milestones to ensure the delivery of the final engineering plans on schedule and within budget.

ATTACHMENT A: List of the Post 1989, Phase I, Priority 1 Soundwalls

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Countywide Planning & Development



Roger Snoble
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ATTACHMENT A

**Post 1989, Phase I, Priority 1 Soundwalls
Design and Construction Cost - Packages 1 to 7
Projects are not prioritized within design packages**

				Design Package Number	Consultant Est. Construction Cost \$1000's	Est. Design Cost	Average PIN
City	RTE	Dist.	Project Location				
City of Los Angeles	170	0.5	So Saticoy St/So Strathern St: SB	1			
	170	0.5	So Strathern St/No Roscoe Blvd: SB				
			Total Cost Design Package 1		\$ 7,380	\$ 1,107	30.243
Cities of Azusa & Glendora	210	0.5	E Citrus Ave/W Barranca Ave: EB	2			
	210	1.3	W Citrus Ave/E Big Dalton Wash: WB				
			Total Cost Design Package 2		\$ 9,212	\$ 1,382	24.771
City of Arcadia	210	0.4	W Michillinda Ave/E Rosemead Blvd: WB	3			
	210	0.3	Rosemead Blvd/Michillinda Ave: EB				
	210	1.1	N Baldwin Ave/E Michillinda Ave: WB				
	210	0.1	E Baldwin Ave/Mile E Baldwin Ave: WB				
		Total Cost Design Package 3		\$ 12,345	\$ 1,852	21.601	
Total Construction Cost & Mgmt Design Packages 1 to 3					\$ 28,937		
Total Design Cost Design Packages 1 to 3						\$ 4,341	
<p>Design Packages 4 to 7 to be Designed at a later date when funds become available Projects are not prioritized within design packages</p>							
Cities of Arcadia & Monrovia	210	1	Huntington Dr/Santa Anita Ave: WB	4			
	210	0.3	Santa Anita Ave/2nd Ave: EB				
	210	0.5	E Huntington Dr/E Mayflower Ave: EB				
	210	0.2	W Magnolia Ave/W Myrtle Ave: EB				
	210	0.3	E Myrtle Ave/E California Ave: EB				
		Total Cost Design Package 4		\$ 14,945	\$ 2,242	20.832	
City of Los Angeles	405	0.6	S Devonshire St/S Route 118 : NB	5			
	405	0.8	N Route 118/N Devonshire St: SB				
	405	0.6	N Route 118/S Rinaldi St: NB				
	405	0.5	Rinaldi St/N San Fern Mission Blvd: SB				
		Total Cost Design Package 5		\$ 14,016	\$ 2,102	12.249	
City of Long Beach	405	1	San Gabriel River/Atherton: SB	6			
			Total Cost Design Package 6			\$ 5,606	\$ 841
City of Burbank	134	1.7	Eo Cahuenga Blvd/Eo California St: EB	7			
	134	0.4	Eo & Wo Riverside Dr: WB & EB				
			Total Cost Design Package 7		\$ 15,497	\$ 2,325	9.406