



Colorado River Aqueduct Access Covers Replacement

Engineering & Operations Committee

Item 8-7

November 7, 2011

Current Action

- Appropriate \$4.4 M in budgeted funds
- Award \$3,348,791 contract to W. M. Lyles Co. for replacement of transition & manhole structure covers on the Colorado River Aqueduct

Location Map



Background

- 170 access chambers in CRA System
- Constructed in 1930's
- Covers corroded & weathered
- 37 covers replaced in June 2011
- Replacement of remaining 133 covers recommended



Manhole Structure



Scope of Work

- Replacement of:
 - 56 steel transition covers
 - 77 precast concrete manhole covers
- Concrete repairs of 66 manhole structures
- Minor grading, railing rehabilitation
- Security locks



Transition Cover



Manhole Cover

Bid Results

Specifications No. 1614

Bids received	September 14, 2011
No. of bidders	9
Low bidder	W. M. Lyles Co.
Low bid	\$3,348,791
High bid	\$6,950,000
Engineer's estimate	\$3,900,000
SBE participation*	60%

*SBE (Small Business Enterprise) participation set at 20%

Requested Funds

Project mgmt., envir. monitoring	\$ 157,000
Submittal review, record dwgs.	116,000
Const. inspection	495,000
Met. force construction	232,000
Contract	3,348,791
Remaining budget	51,209
<hr/>	
Total	\$4,400,000

Schedule



 **Board Action**

 **Construction**

 **Completion**

Board Options

- Option #1
 - Adopt CEQA determination
 - Appropriate \$4.4 M in budgeted funds
 - Award \$3,348,791 contract to W. M. Lyles Co.
- Option #2
 - Do not award the construction contract

Staff Recommendation

- Option #1

