



Minor Capital Projects Program for Fiscal Years 2016/17 & 2017/18

Engineering & Operations Committee
Item 8-4
June 13, 2016

Current Action

- Appropriate \$10 M
- Authorize General Manager to execute capital projects costing less than \$250,000 during fiscal years 2016/17 & FY 2017/18
- Authorize General Manager to approve CEQA documentation

Minor Capital Projects Program

- Objectives
 - Streamline administrative procedures
 - Reduce costs
 - Enable small projects to move quickly
 - Respond to urgent needs & take advantage of cost/schedule opportunities
- Same review process as large projects

Minor Capital Projects

- Most projects address aging or damaged infrastructure
- Typically have all phases of a project
 - Preliminary design
 - Final design
 - Construction
 - Close-out
- Durations - several months to multiple years
- Construction by Metropolitan forces or contractors
- Quarterly CIP reports to Board

Minor Capital Projects

- Cost Trends
 - 4-yr. avg. - \$190,000
 - 2 projects per yr between \$250,000 - \$500,000
- Recommendations for FY 2016/17 & FY 2017/18
 - Limit - \$250,000
 - Budget - \$10 M
 - Same level of funding budgeted as previous fiscal years
- Future Recommendations
 - Review cost trends & reconsider the \$250,000 limit over the next 2 yrs

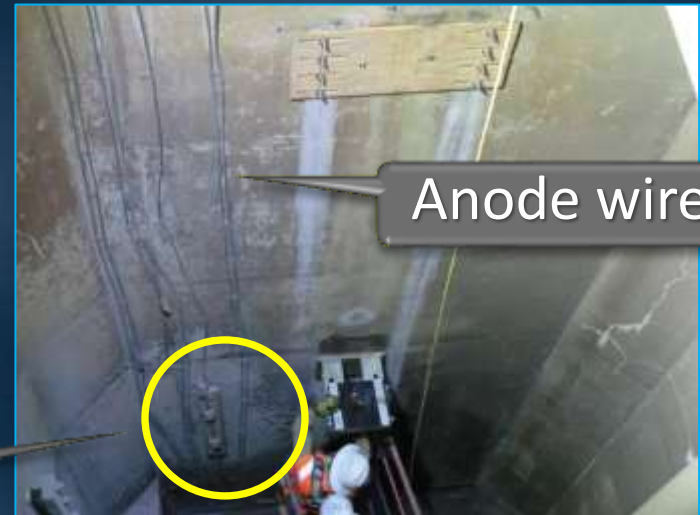
Example Project

Eagle Rock Control Tower Cathodic Protection

- Replaced deteriorated cathodic protection system
- Protects submerged slide gate valves from corrosion
- Completed 2015
- Project cost - \$72,000



New vs. old anodes



Anode wires

Example Project

Jensen Plant Chlorine Diffuser & Sample Pump Modifications



- Install new chlorine piping, valve & diffuser
- Meet WQ regulations at low plant flow (drought conditions)
- Completed February 2016
- Project cost - \$213,400

Example Project

Etiwanda Hydroelectric Plant Automatic Voltage Regulator (AVR) Replacement

- Exist. AVR damaged from over-current condition
- Needed for generator to operate reliably
- Planned completion – August 2016
- Project cost - \$243,000



Requested Funds

Labor

Studies & Investigations	\$	82,000
Final Design		828,000
Prog Mgmt, Permitting, Envir Planning		518,000
Construction Inspection		202,000
Metropolitan Force Construction		5,346,000
Materials & Supplies		816,000
Professional/Technical Services		124,000
Contracts		1,236,000
<u>Remaining Budget</u>		<u>848,000</u>
Total	\$	10,000,000

Board Options

Option #1

- Adopt CEQA determination that the proposed actions are not defined as a project or are categorically exempt from CEQA
- Appropriate \$10 M for fiscal years 2016/17 & 2017/18
- Authorize GM to initiate capital projects costing less than \$250,000 & perform all work, including preparation, approval & certification of necessary environmental documentation for such projects

Board Options

Option #2

- Do not authorize the program & consider approval of each small project individually, under separate future Board actions

Staff Recommendation

Option #1

