



# Minor Capital Projects Program Fiscal Years 2018/19 & 2019/20

Engineering & Operations Committee  
Item 8-3  
June 11, 2018

# Current Action

- Appropriate \$10,000,000
- Authorize General Manager to execute capital projects costing less than \$400,000 for fiscal years 2018/19 & 2019/20

# Minor Capital Projects Program

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

# Minor Capital Projects

- Address aging or deteriorated infrastructure
- Typically have all phases of a project
  - Preliminary design
  - Final design
  - Construction
  - Close-out
- Durations — several months to several years
- Construction options
  - By Metropolitan force construction
  - Through contracts awarded under GM's authority
- Quarterly CIP reports to Board

# Example Project

## DVL Acoustic Flowmeter Replacement

- Replaced 3 acoustic flowmeters to monitor & control water flow at Wadsworth Pumping Plant
- Completed in 2018
- Project cost: \$230,000



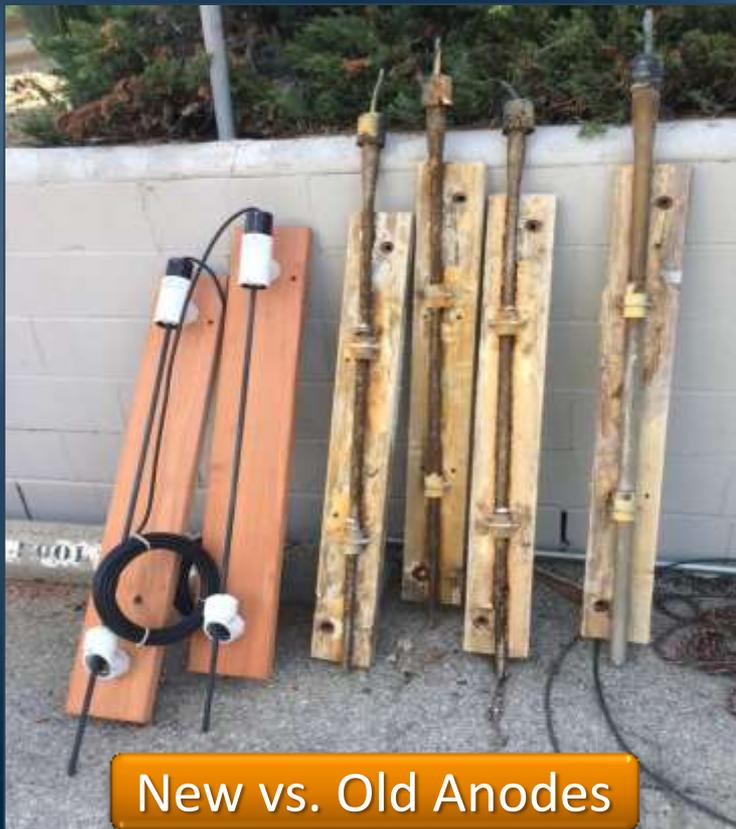
New Flowmeters



# Example Project

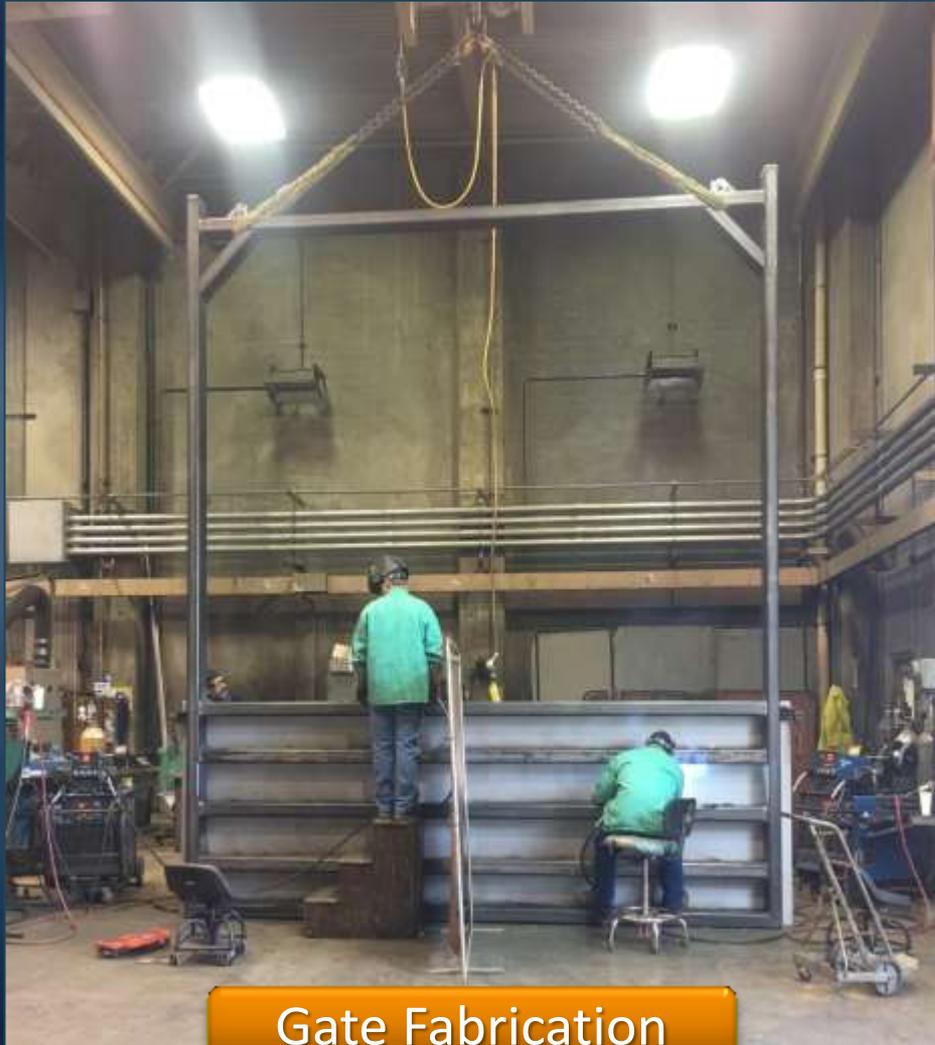
## Eagle Rock Control Tower Cathodic Protection

- Replaced deteriorated cathodic protection system used to protect submerged slide gate valves from corrosion
- Completed in 2017 — Project Cost: \$72,000



# Example Project

## New Gate Installed on CRA at Whitewater River



Gate Fabrication

- Increased deliveries from CRA by over 40 TAF in initial year
- Completed in 2017
- Project Cost: \$245,000



Gate in Operation

# Minor Capital Projects

- Max. project value: \$250,000 (since 1991)
- Cost Trends
  - ENR Construction Cost Index increased 96%
  - More projects costing nearly \$250,000
- GM's contract award authority: \$250,000
  - No change
- Maximum project value: \$400,000 (this action)
  - Allows full utilization of GM's contract award authority

# Requested Funds

## Labor

Studies & investigations	\$	82,000
Final design		828,000
Program 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>
<b>Total</b>	<b>\$</b>	<b>10,000,000</b>

*Budget developed from historical information on previous minor capital projects*

# Board Options

## Option #1

- Adopt CEQA determination that the proposed actions are not defined as a project or are categorically exempt
- Appropriate \$10,000,000
- Authorize GM to initiate capital projects costing less than \$400,000 & perform all required work including the preparation of necessary environmental documentation
- Designate GM as the decision-making body for purposes of reviewing, approving & certifying any environmental documentation that may be required for such projects

# Board Options

## Option #2

- Adopt CEQA determination that the proposed actions are not defined as a project or are categorically exempt
- Appropriate \$10,000,000
- Authorize GM to initiate capital projects costing less than \$250,000 & perform all required work including the preparation of necessary environmental documentation
- Designate GM as the decision-making body for purposes of reviewing, approving & certifying any environmental documentation that may be required for such projects

# Board Options

## Option #3

Do not appropriate funds & seek board approval for each small project individually

# Staff Recommendation

## Option #1

