



# Garvey Reservoir Drainage & Erosion Control Improvements

Engineering & Operations Committee

Item 7-3

May 9, 2016

# Current Action

- Appropriate \$600,000
- Authorize design of drainage & erosion control improvements at Garvey Reservoir

# Distribution System



# Why Improvements Are Needed

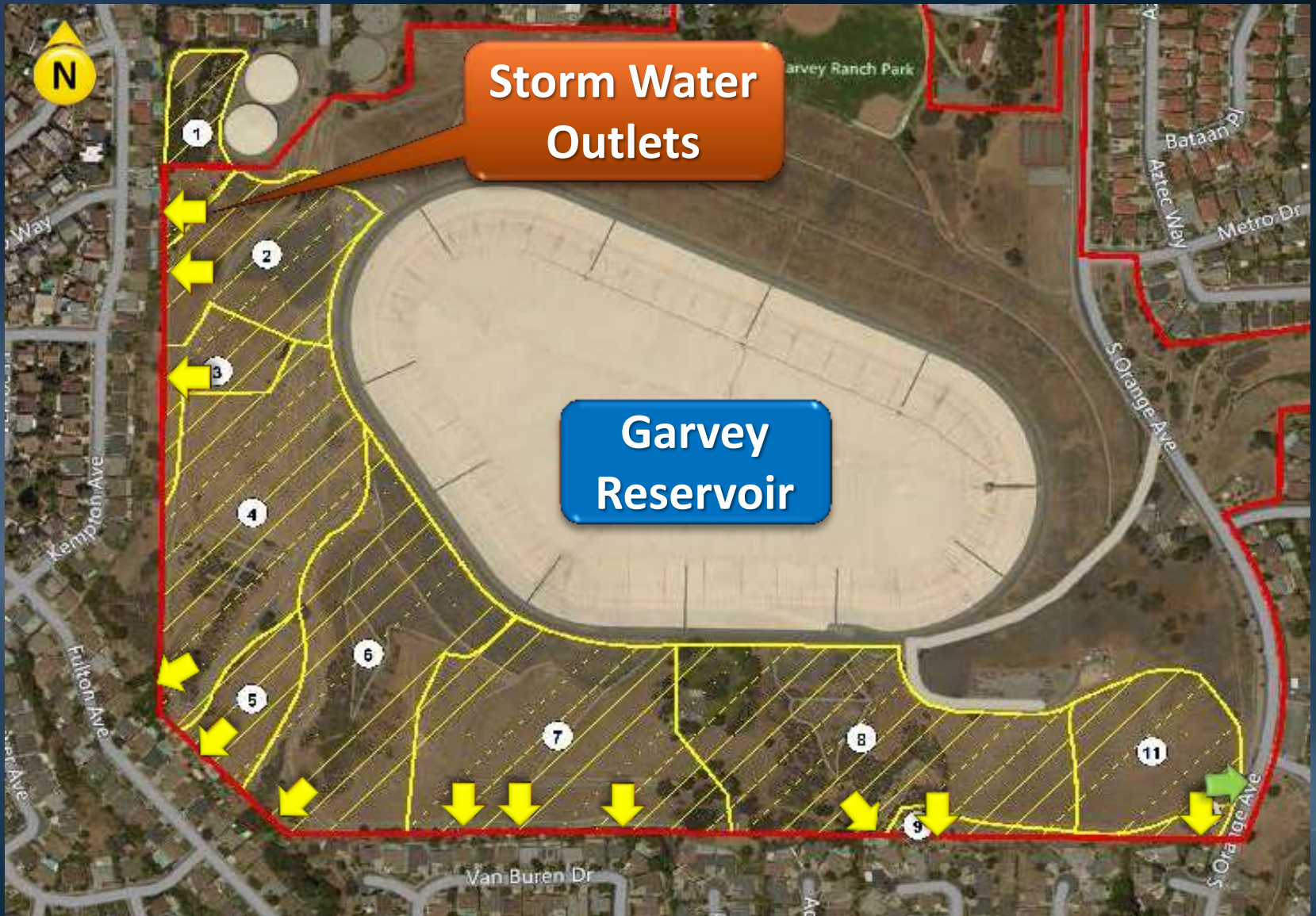
- History of drainage & erosion complaints
- Issues confirmed by recent winter storms
- Long-term benefits to Metropolitan



# Garvey Res. Storm Water Drainage



# Garvey Res. Storm Water Drainage



# Drainage & Erosion Control Issues

- Onsite controls & offsite conveyance systems have deteriorated
- Temporary controls installed for winter 2015/16
- Negotiations for permanent improvements underway



# Potential Improvements

- Metropolitan property
  - Perimeter stem walls, concrete ditches, collection & detention areas, outlet structures, fencing
- Offsite private property
  - Splash walls, conveyance piping, transition structures
- Offsite City property
  - Conveyance piping, transition structures, curb face outlets



# Scope of Planned Work

- Drainage maps & hydrological analyses
- Drawings & specifications
- Environmental docs. & permits
- Agreements with City of Monterey Park & individual property owners
- Receipt of bids for multiple const. packages

# Future Actions

- Finalize agreements on case-by-case basis
- Return to Board for authorization
  - Envir. documentation related to construction
  - Agreements as necessary
  - Construction funding
  - Award of contracts >\$250,000

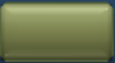
# Requested Funds

## Labor

Field investigations, surveys	\$ 60,000
Final design	322,000
Envir. docs., permitting, PM	218,000
<b>Total</b>	<b>\$ 600,000</b>

Total est. construction cost: \$3.5M to 4 M

# Schedule



**Final Design**



**Board Action**



**Completion of  
Construction**



**Construction**

# Board Options

- Option #1

- Adopt CEQA determination that the proposed action is categorically exempt from CEQA
- Appropriate \$600,000
- Authorize final design of drainage & erosion control improvements at Garvey Reservoir

- Option #2

- Do not proceed with drainage & erosion control improvements at this time

# Staff Recommendation

- Option #1

