



# Service Connection Glendale-01 Rehabilitation

Engineering & Operations Committee

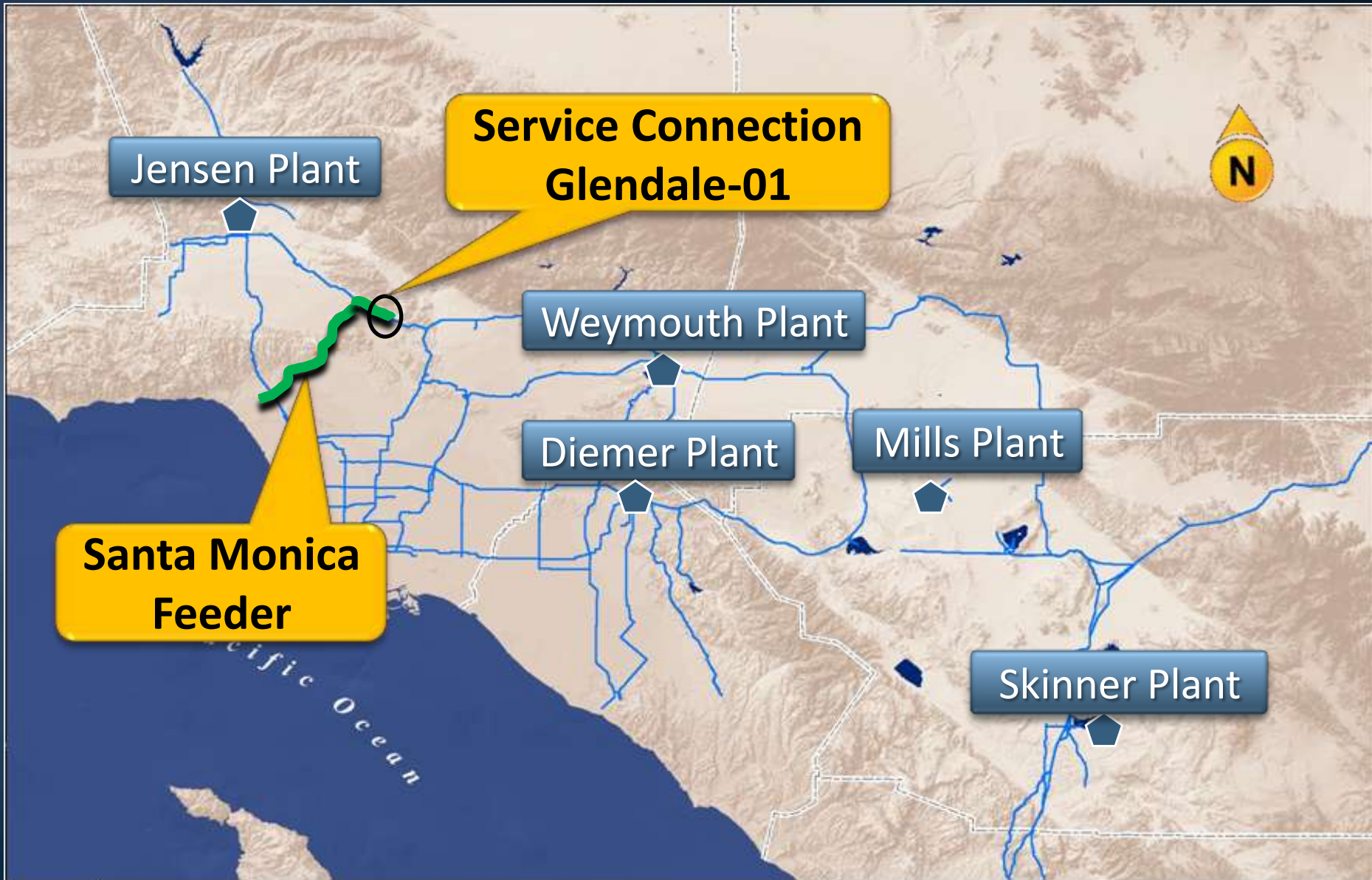
Item 7-7

March 11, 2013

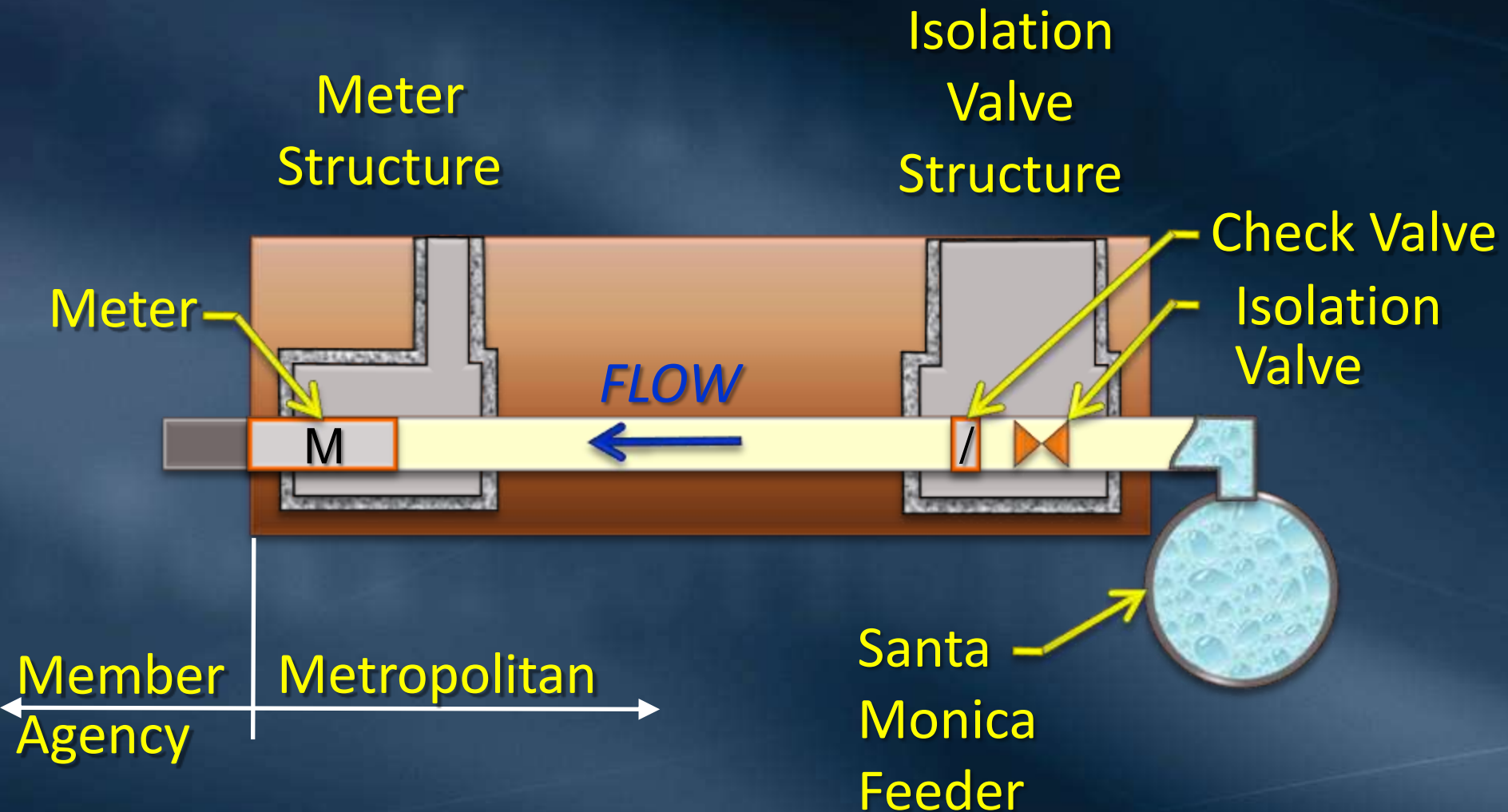
# Current Action

- Appropriate \$270,000
- Authorize final design & procurement of equipment to rehabilitate Service Connection G-01

# Distribution System



# Service Connection G-01 Layout



# Background

- Meter structure
  - Constructed in 1941
  - Vault is very small
  - Meter is embedded in wall
  - Located in a busy public street



# Background

- Conditions inside Meter Structure
  - Meter and associated piping are corroded & leaking
  - Very difficult to maintain
  - Meter extend outside structure



# Planned Upgrades

- Replace existing meter vault w/appropriate size vault
- Replace existing meter w/magnetic flow meter
- Replace corroded pipe & components

# Final Design Activities

- Conduct detailed engineering analyses
- Prepare drawings & specifications
  - Potholing to locate existing utilities
  - Permitting traffic plan
- Procurement & delivery of magnetic flow meter
- Develop construction cost estimates
- Advertise and receive competitive bids



# Requested Funds

## Labor

PM, Bidding, Permitting \$ 48,000

Final Design 153,000

Procurement 26,000

Potholing 17,000

Remaining Budget 26,000

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Total \$ 270,000

Estimated cost of construction is \$1.1M - \$1.4 M

# Project Schedule

Activity	2013	2014
<b>Service Connection G-01 Rehabilitation</b>		



**Final Design**



**Procurement**



**Construction**



**Shutdown**



**Board Action**



**Completion**

# Board Options

- Option #1
  - Adopt CEQA determination
  - Appropriate \$270,000
  - Authorize final design & equipment procurement to rehabilitate Service Connection G-01
- Option #2
  - Do not authorize final design & procurement at this time

# Staff Recommendation

- Option #1

