



Authorize preliminary design for rehabilitation of 3 service connections on the Upper Feeder

Engineering and Operations Committee

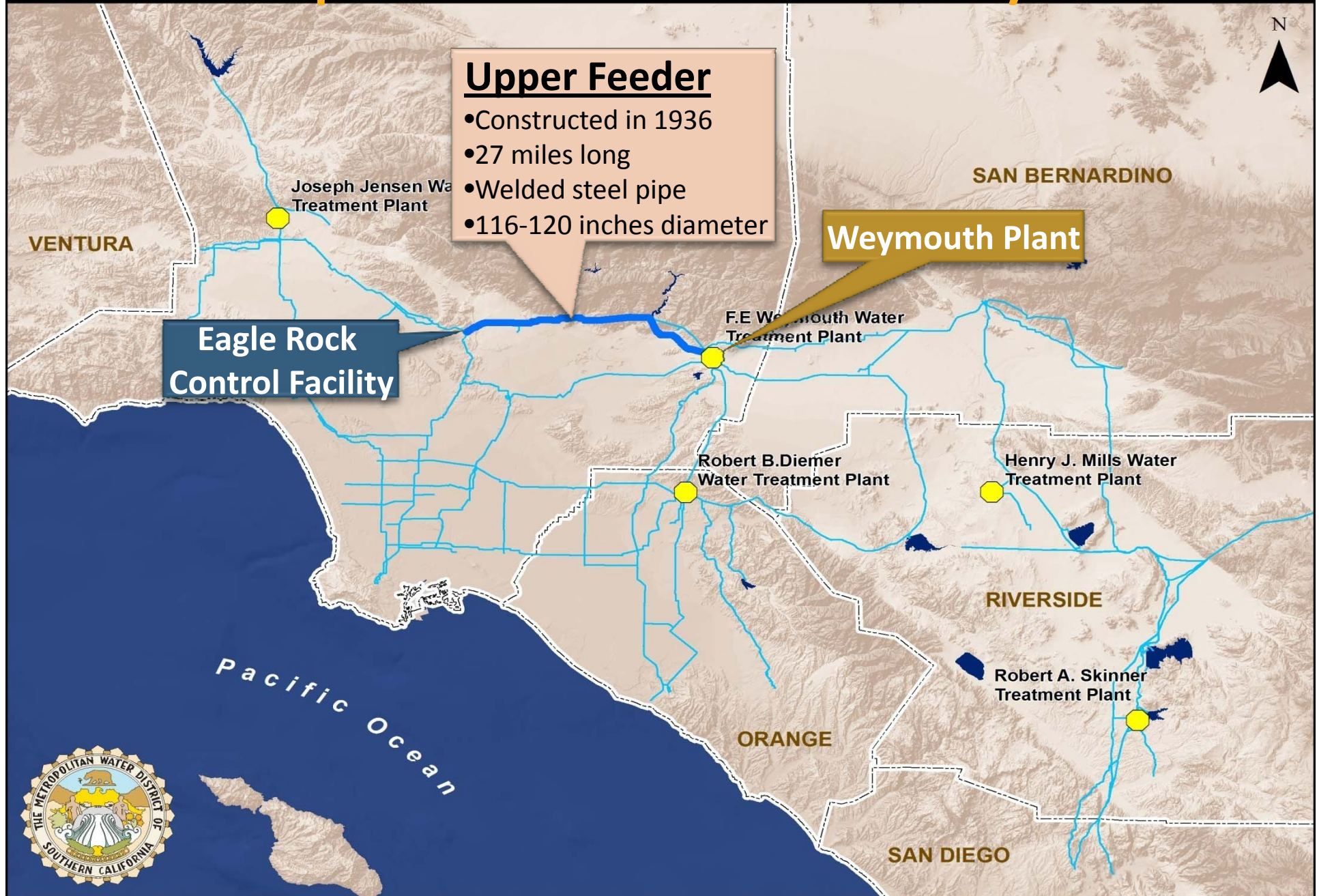
Item 7-1

November 9, 2009

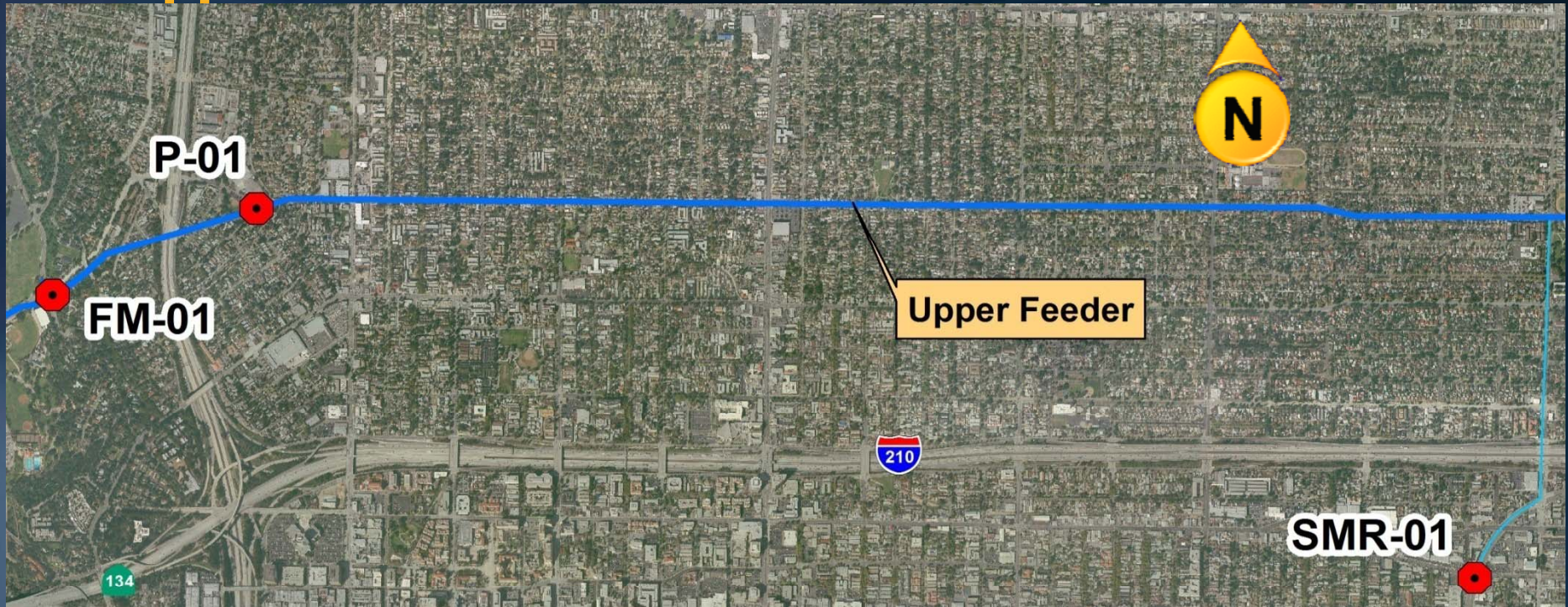
Current Action

- Appropriate \$260,000 in budgeted funds
- Authorize preliminary design for rehabilitation of 3 service connections on the Upper Feeder

Metropolitan Distribution System



Upper Feeder Service Connection Rehabilitation



Background

- April 09 inspection
- Rehab. required for 3 service connections
- Located in urban areas

Current Concern

- 55 to 75 years old
- Advanced stage corrosion limited valves operating range
- Reduced piping wall thickness
- Damaged pipe protective coating

Upper Feeder Service Connection Rehabilitation

- Scope
 - Replace gate valves with butterfly valves
 - Replace severely corroded piping and
 - Recoat all exposed cast iron piping
- Prelim. design by Met staff

Total Requested Funds

Owner Costs	\$ 92,600
Studies & Prelim. Design	133,000
Incidental, Materials & Supplies	5,000
Remaining Budget	\$29,400
Total	\$260,000

Estimated construction cost range - \$1.1M to \$1.3M

Project Schedule

Project	2009	2010	2011
Upper Feeder Service Connection Rehabilitation			



Preliminary Design



Board Action



Final Design



Construction

Board Options & Staff Recommendation

- Option #1
 - Adopt CEQA determination
 - Appropriate \$260,000 in budgeted funds
 - Authorize preliminary design to rehabilitate 3 service connections on the Upper Feeder
- Option #2
 - Do not authorize preliminary design to rehabilitate 3 service connection on the Upper Feeder
- Staff recommendation
 - Option #1

