

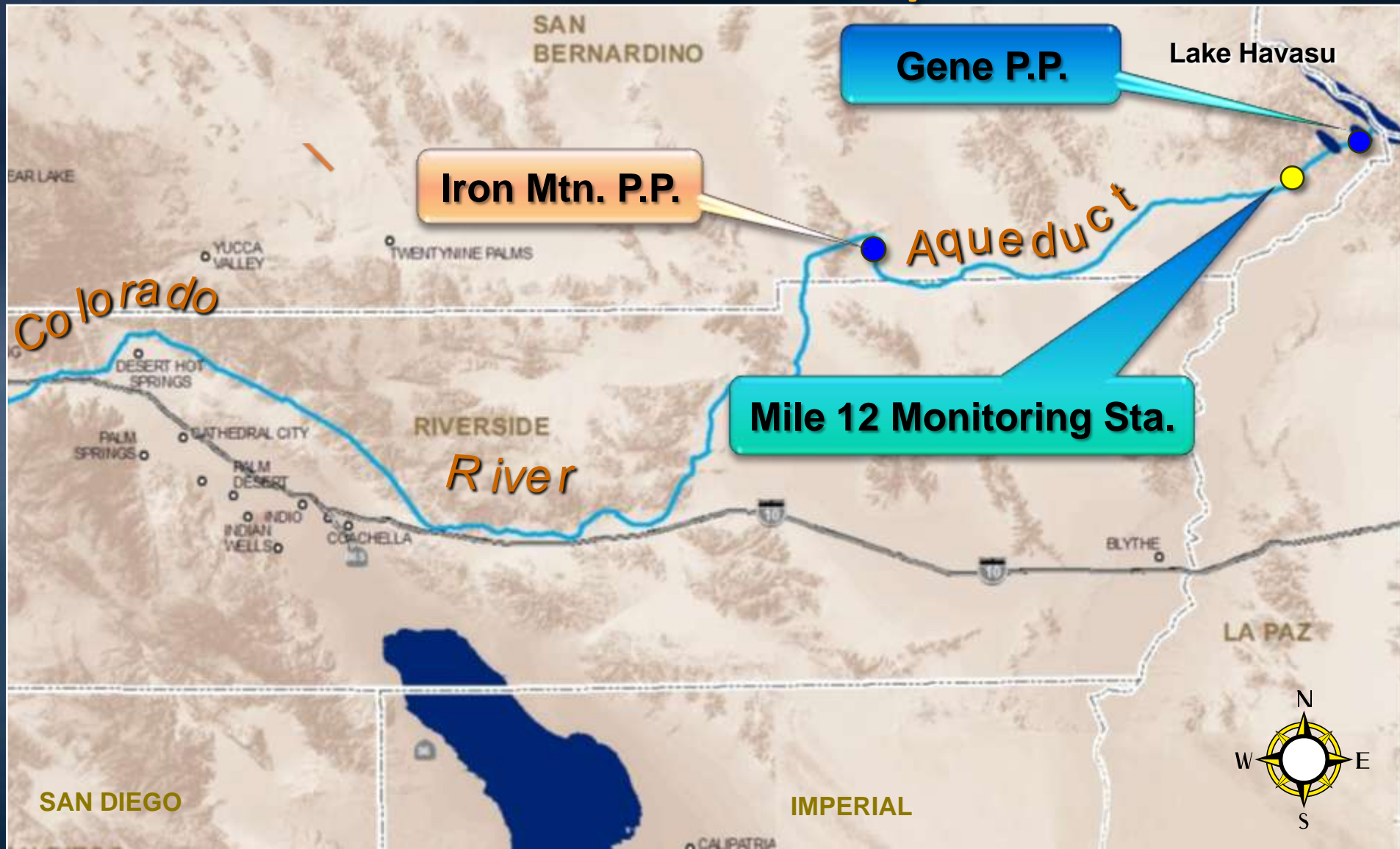
Authorize 2 CRA rehabilitation projects

Engineering and Operations Committee
Item 7-2
August 2010

Current Action

- Appropriate \$1,040,000 in budgeted funds
- Authorize construction for upgrades to the CRA Mile 12 Monitoring Station
- Authorize final design to rehabilitate the equipment service pit at Iron Mountain Pumping Plant

Location Map



1. Mile 12 Flow Monitoring Station



- Background
 - Installed in early 1990s
 - Located in manhole structure
 - Station required to monitor flow and chlorine levels
- Current Concerns
 - Equip. exceeded life span
 - Inaccurate flow and chlorine readings
 - Chlorine vapors in structure

1. Mile 12 Flow Monitoring Station



- Scope
 - New equipment station
 - New flow meters, chlorine analyzers, & communication equipment
 - Construction by Metropolitan forces

Requested Funds Mile 12 Upgrades

Owner Costs	68,000
Metropolitan Force Construction	372,000
Materials & Supplies	350,000
Technical Support & Record Drawings	67,000
Incidentals	10,000
Remaining Budget	33,000
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Total	\$900,000

2. Iron Mtn. P.P. Service Pit Rehabilitation

- Background
 - Constructed in the early 1960's
 - Desert Region's primary service center
 - Approximately 1,130 maintenance services performed a year



2. Iron Mtn. P.P. Service Pit Rehabilitation

- Scope

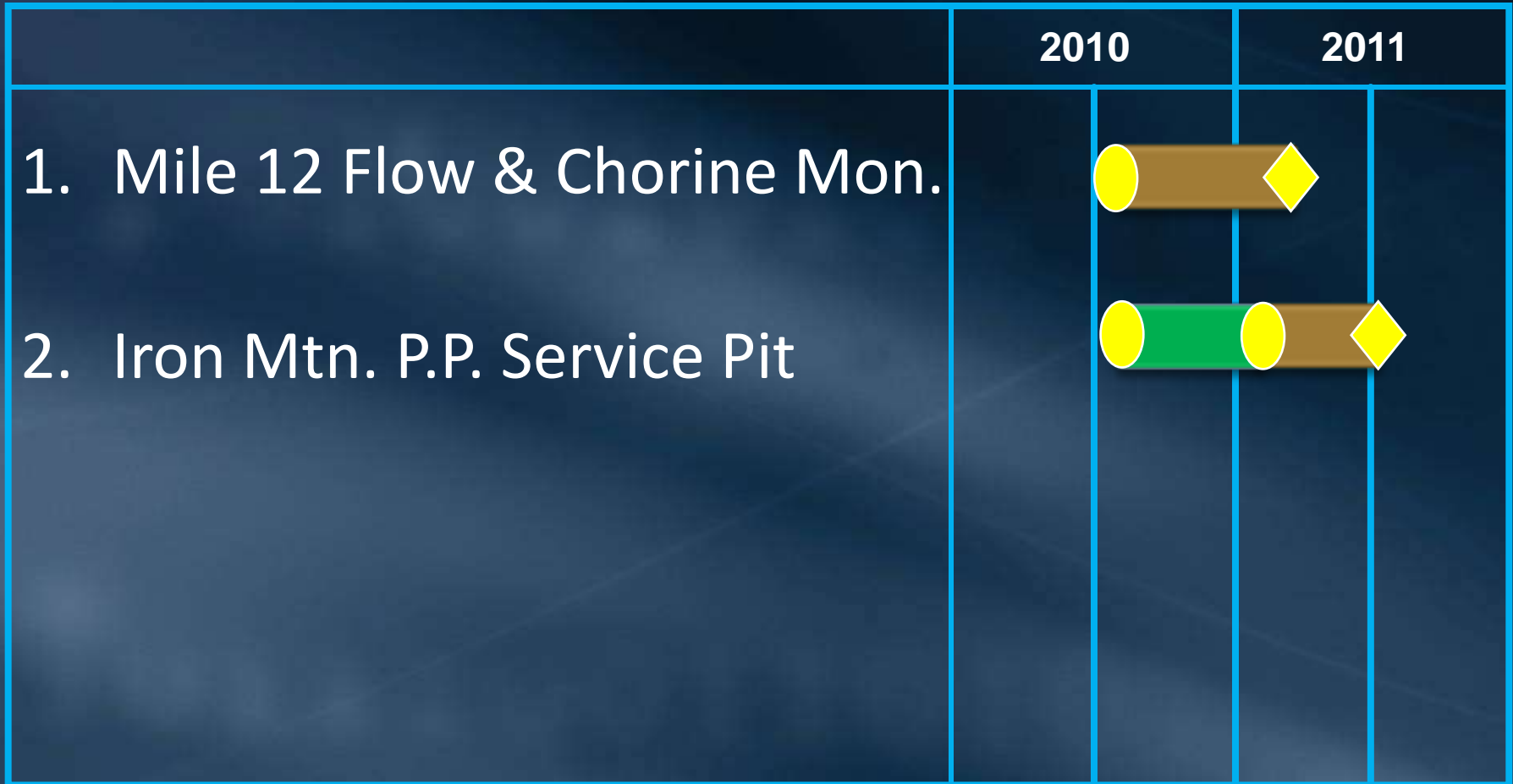
- Rehabilitate the service pit
- Construct new concrete walls and beams
- Final design by Metropolitan staff



Requested Funds Iron Mtn. Service Pit

Owner costs	55,100
Labor	
Field Survey	10,000
Final design	59,200
Incidentals	3,700
Remaining Budget	12,000
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Total	\$140,000

Schedule



Board Options

- Option # 1
 - Adopt CEQA determination
 - Appropriate \$1,040,000 in budgeted funds
 - Authorize construction of upgrades to the CRA Mile 12 monitoring station
 - Authorize final design to rehabilitate the Iron Mountain Pumping Plant service pit
- Option # 2
 - Adopt CEQA determination
 - Appropriate \$900,000 in budgeted funds
 - Authorize construction of the Mile 12 Monitoring Station
 - Do not authorize final design to rehabilitate the service pit

Board Options & Staff Recommendation

- Option # 3
 - Do not authorize 2 CRA reliability projects
- Staff Recommendation
 - Option #1

