



Second Lower Feeder Emergency Repairs

Engineering & Operations Committee
Item 8-2
April 11, 2016

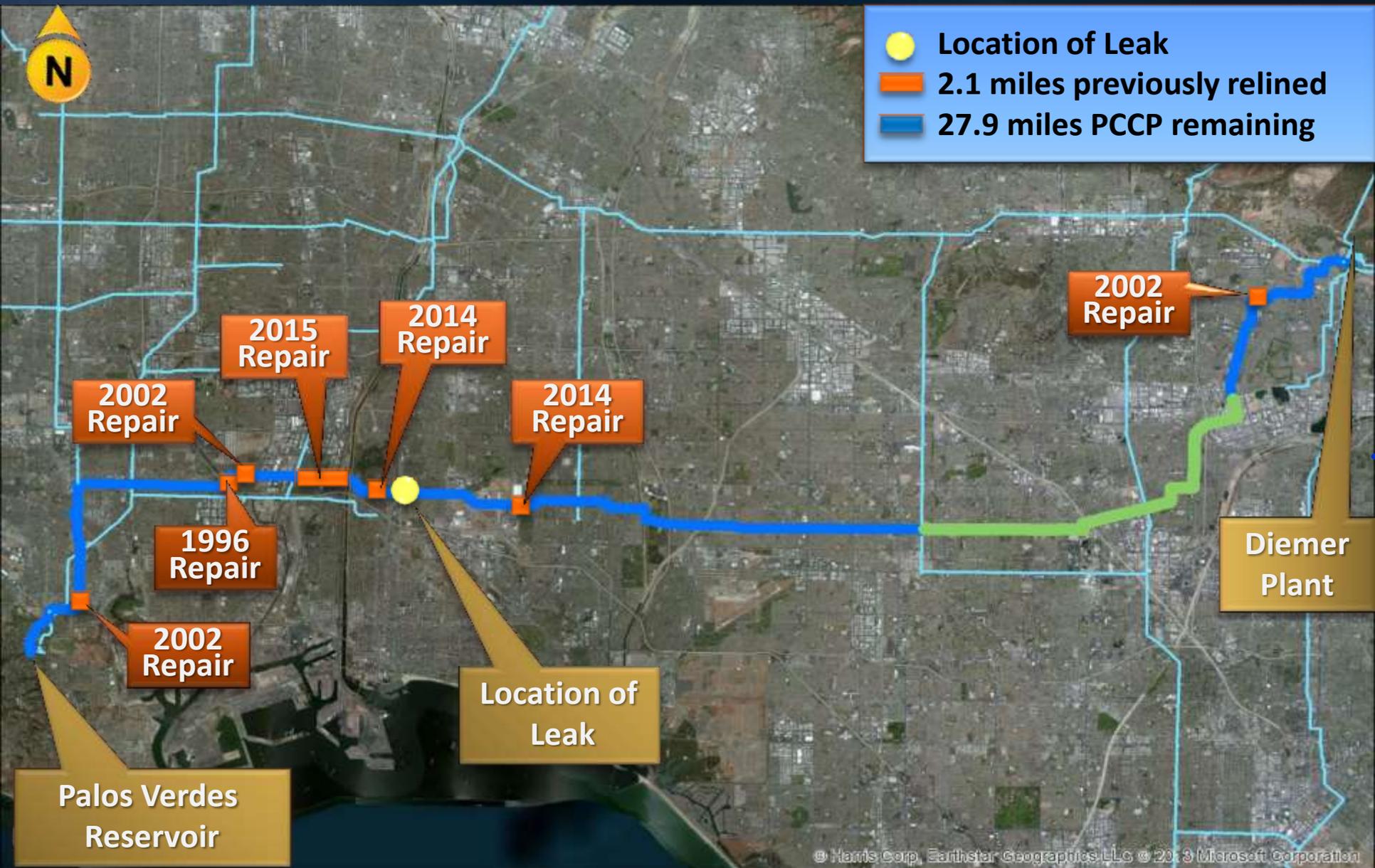
Current Action

- Appropriate \$1,370,000
- Ratify GM's award of const. contract (Admin Code Section 8122)
 - \$634,425 contract awarded March 10, 2016 to Fibrwrap Construction Services, Inc. for emergency repairs

Distribution System



2nd Lower Feeder Repairs



2nd Lower Feeder Leak



2nd Lower Feeder Emergency Repair Timeline of Events

- Leak discovered Feb 24
- Pipeline shut down & inspected Feb 26
- Repair option selected Feb 29
- Design completed Mar 7
- Reported to Board Mar 7
- Bids received Mar 10
- Emergency contract awarded by GM Mar 10
- Pipeline repaired Mar 16 - 25
- Pipeline disinfected & returned to service Mar 30
- Board ratification of GM action Apr 12

Scope of Work

- Contractor:
 - Installed carbon fiber layers in pipe interior
 - Performed traffic control
- Metropolitan:
 - Dewatered & provided access
 - Tested water quality & returned pipeline to service
 - Acquired permits
 - Performed public outreach
 - Performed const. mgmt & inspection



2nd Lower Feeder Emergency Repair Bid Results

Specifications No. 1877

Notice inviting bids:	March 8, 2016
Bids received:	March 10, 2016
No. of bidders:	1
Low bidder:	Fibrwrap Construction Services, Inc.
Low bid:	\$634,425
Engineer's estimate:	\$600,000
Contract awarded:	March 10, 2016
Work completed:	March 25, 2016

2nd Lower Feeder Emergency Repair Requested Funds

Construction Contract	\$ 634,425
Labor	
Final design	23,000
Owner costs (Permitting, outreach, PM)	32,000
Submittals & record drwgs	5,000
Const. inspection	72,000
Metropolitan force const.	400,000
Prof. Services (Design)	33,000
Materials & Supplies	50,000
Remaining Budget	120,575
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Total	\$1,370,000

Total Construction Cost: \$1,080,000

Board Options

● Option #1

- Adopt CEQA determination that the proposed action is statutorily exempt
- Appropriate \$1,370,000
- Ratify GM's award of \$634,425 construction contract to Fibrwrap Construction Services, Inc. for emergency repairs

● Option #2

- Do not appropriate funds or ratify the action of the GM

Staff Recommendation

- Option #1

