



PCCP Rehabilitation Program

Second Lower Feeder

Engineering and Operations Committee

Item 8-4

May 13, 2019

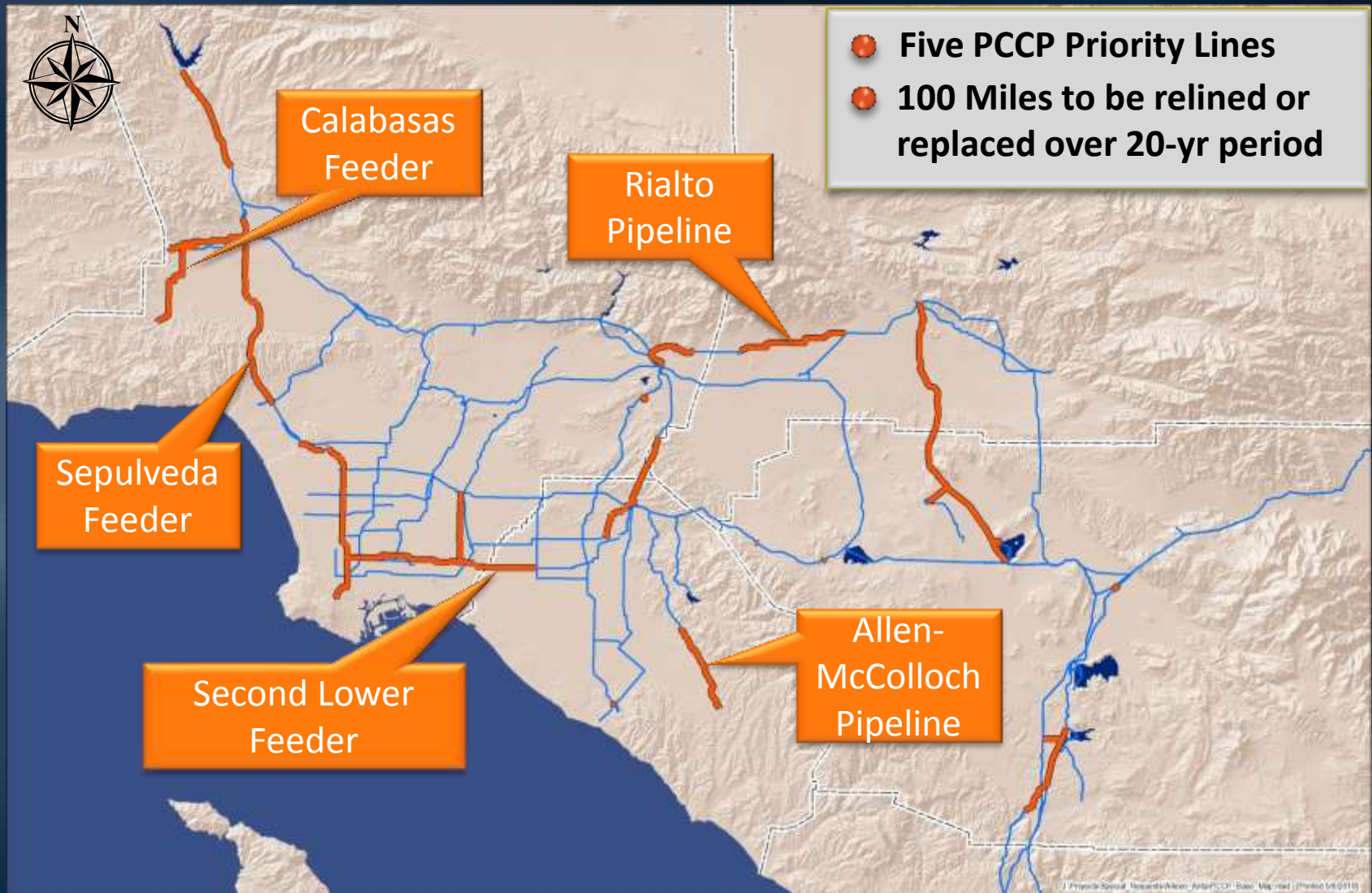
Current Action

- Award a \$53,273,196 construction contract to J. F. Shea Construction, Inc. to procure materials & perform construction for rehabilitation of portions of the Second Lower Feeder
- Authorize an increase in change order authority to an existing procurement contract on the Second Lower Feeder

PCCP Management Strategy

- Continue regular inspection & monitoring
- Monitor stray currents & install cathodic protection
- Perform individual segment repairs as needed
- Plan & execute long-term rehabilitation of priority PCCP lines

Distribution System



Second Lower Feeder PCCP Rehabilitation



Reach 4 Progress



Contractor Scope

Reach 2

- Line approximately 24,000 ft. of existing PCCP
- Furnish 9,200 ft. of pipe specials (small sections & transition points) & fabricated fittings
- Replace all blow-offs, pumpwells, & air release valves
- Provide traffic control

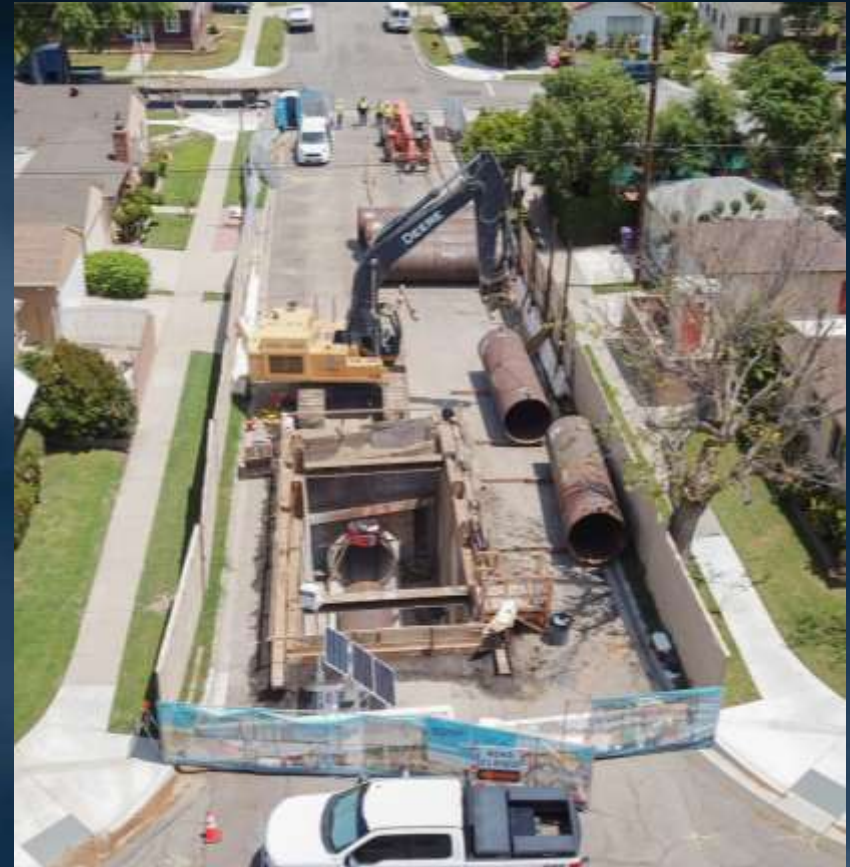
Reach 3

- Supply 12,750 ft. of 75-inch diameter steel liner pipe
- Deliver to designated storage area



Metropolitan Scope

- Dewater line & return to service
- Fabrication inspection
- Construction inspection
- Submittals review & record drawings
- Coordinate temp R/W with local agencies
- Permitting, outreach, & program management



Bid Results

Specifications No. 1902

Bids Received	March 26, 2019
No. of Bidders	2
Low Bidder	J. F. Shea Construction, Inc.
Low Bid	\$53,273,196
Other Bid	\$55,190,000
Engineer's estimate	\$61,700,000
SBE Participation*	9.5%

*SBE (Small Business Enterprise) participation level set at 5%

Federal Tariffs on Pipe Supply Contracts

- Federal Tariffs imposed June 1, 2018
 - 25% on steel article imports
- Metropolitan contracts awarded before June 1, 2018
 - Tariff cost not included in bids
- Metropolitan contracts awarded after June 1, 2018
 - Tariff cost included in bids

Increase Change Order Authority

- Contract No. 1925 – Pipe Procurement Reaches 2 & 4
 - Awarded to Ameron May 8, 2018
 - Current Contract Value: \$12.1M
 - Estimated Tariff costs \$ 2.2M
 - Current C.O. Authority \$0.25M
- Requested Action: Contract No. 1925
 - Increase change order authority by \$2.2M
 - New change order authority \$2.45M
 - New Contract value
 - Not to Exceed amount: \$14.3M



Allocation of Budgeted Funds

Contract

J.F. Shea Construction, Inc.	\$ 53,273,196
Ameron Water Transmission Group (tariff)	\$ 2,200,000

Metropolitan Labor

Permitting, Outreach, Envir. doc., & PM	\$ 1,162,000
Submittal Review & Record Drawgs.	\$ 288,000
Construction Insp. & Support	\$ 3,834,000
Shutdown & Reenergize/Monitor & Maintain WQ	\$ 1,490,000

Incidentals, Materials, & Supplies \$ 830,000

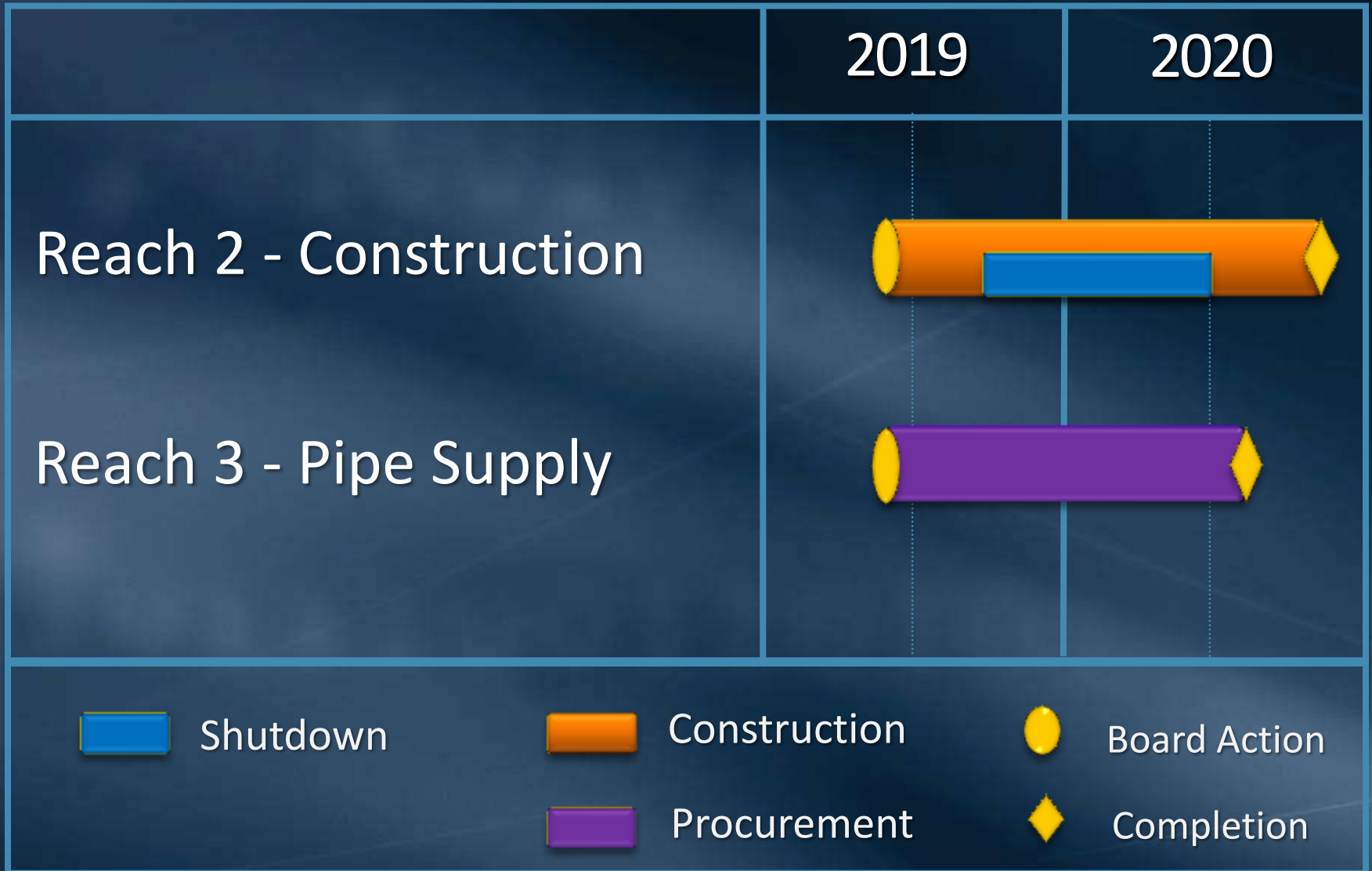
Right-of-Way \$ 1,030,000

Professional Services \$ 640,000

Remaining Budget \$ 5,952,804

Total \$ 70,700,000

Schedule



Board Options

- Option #1
 - Review & consider Addendum No. 3 to the 2017 Program Environmental Impact Report
 - Award \$53,273,196 contract to J. F. Shea Construction, Inc. to procure materials & perform construction for the rehabilitation of portions of the Second Lower Feeder
 - Authorize an increase in change order authority to an existing procurement contract

Board Options

- Option #2
 - Do not move forward to rehabilitate Reach 2 of the Second Lower Feeder at this time

Staff Recommendations

- Option #1

