



# Lining Repairs for Yard Piping at Wadsworth Pumping Plant

Engineering & Operations Committee  
Item 8-3  
August 20, 2018

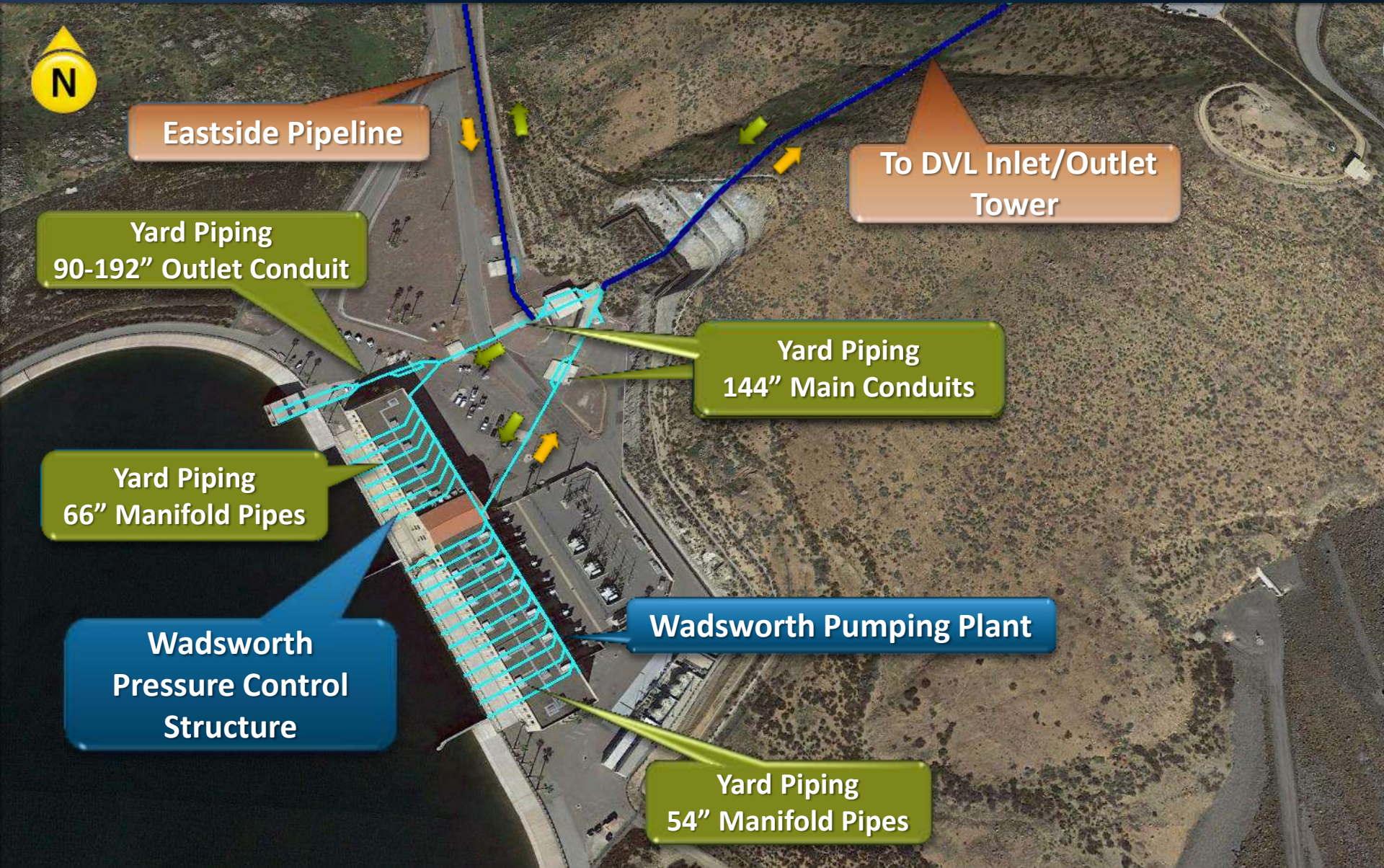
# Current Action

- Appropriate \$7 million
- Award \$5,416,000 contract to Kiewit Infrastructure West Company to repair the internal lining within yard piping at Wadsworth Pumping Plant

# Distribution System



# Wadsworth Pumping Plant Yard Piping



# Background

- Yard piping is 18 yrs. old
- Approx. 2,200 feet of pipe (54 - 192-inch diam.)
- Epoxy lining installed instead of mortar lining due to fluctuating pressures & periodic dry conditions
- Epoxy lining has become delaminated from piping
  - Evidence of rust & pitting



# Construction Phase Activities

## ● Contractor

- Remove approximately 2,200 feet existing epoxy lining
- Apply new polyurethane lining

## ● Metropolitan construction forces

- Establishing clearances
- Dewatering
- Returning pipe to service

## ● Metropolitan staff

- Construction inspection
- Contract administration & PM
- Submittals review & record drawings

# Bid Results

## Specifications No. 1906

|                      |                                |
|----------------------|--------------------------------|
| Bids Received:       | July 17, 2018                  |
| No. of Bidders:      | 3                              |
| Low Bidder:          | Kiewit Infrastructure West Co. |
| Low Bid:             | \$5,416,000                    |
| Range of other Bids: | \$5,945,000 - \$6,210,510      |
| Engineer's Estimate: | \$5,100,000                    |
| SBE Participation*:  | 15%                            |

\*SBE (Small Business Enterprise) participation level set at 15%

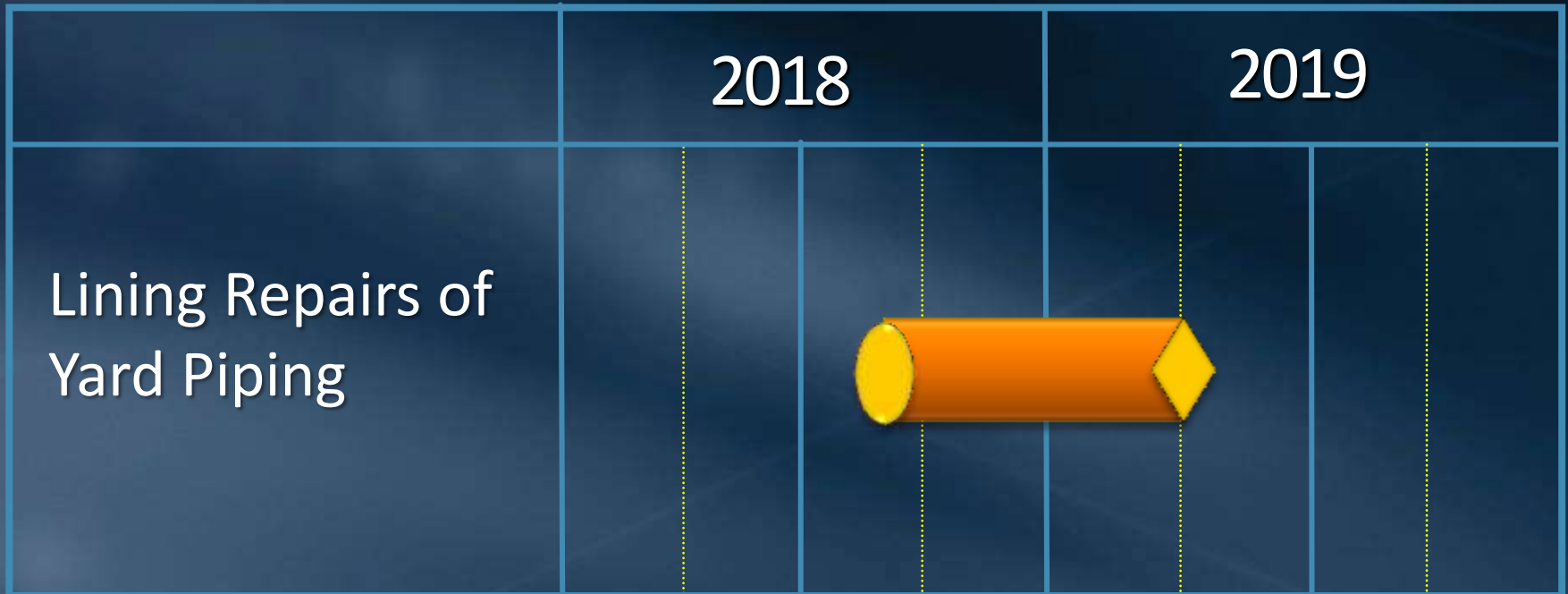
# Requested Funds

|                                  |                    |
|----------------------------------|--------------------|
| Contracts                        | \$ 5,416,000       |
| Labor                            |                    |
| Met force construction           | 360,000            |
| Contract admin., PM              | 140,000            |
| Construction Inspection          | 637,000            |
| Submittals review & record drwgs | 154,000            |
| Remaining budget                 | 293,000            |
| <hr/>                            |                    |
| <b>Total</b>                     | <b>\$7,000,000</b> |

Total const. cost - \$5,776,000



# Schedule



Construction



Board Action



Completion

# Board Options

## ● Option #1

- Adopt CEQA determination that the proposed action was previously determined to be categorically exempt
- Appropriate \$7.0 million
- Award \$5,416,000 contract to Kiewit Infrastructure West Co. to repair the lining within the yard piping at Wadsworth Pumping Plant

## ● Option #2

- Do not proceed with project at this time

# Staff Recommendation

- Option #1

