



Cathodic Protection for the Sepulveda Feeder

Engineering & Operations Committee
Item 8-5
July 8, 2013

Current Action

- Appropriate \$1.5 M
- Award \$878,500 contract to Minako America Corp., dba Minco Construction to install cathodic protection on Sepulveda Feeder

Distribution System



Background

- Stray currents can cause corrosion in PCCP & welded steel pipes
- Metropolitan conducts surveys every 1 to 2 years
- Stray currents detected on Sepulveda Feeder

3rd Party Cathodically Protected Pipelines



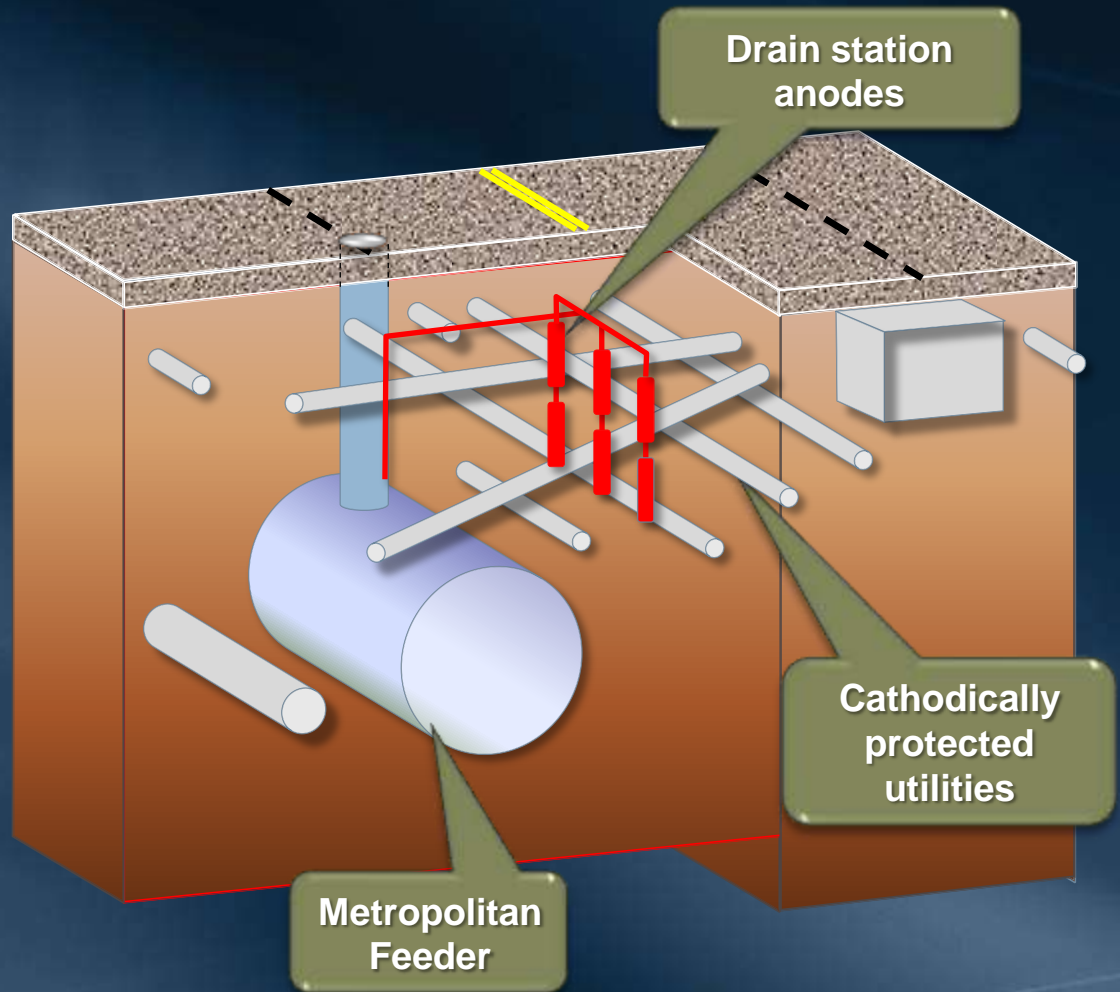
Planned Construction

- Scope of Contract
 - Drill 225 borings & install drain stations
 - Traffic control
 - Permitting & local agency coordination (LA City, MTA)
- Met Force Activities
 - Start up & Testing
 - Measure current along pipeline before & after installation
 - Adjust current flow



Drain Station Construction

- Requires lane closures & night work
- Drilling in close proximity to utilities & substructures
- Potholing required to avoid conflicts



Adjacent to I-405 Widening Project



Adjacent to I-405 Widening Project



Drain Station Installation



Drilling Borings



Installing Anodes

Drain Station Installation



Installing Cable to Anodes



Repairing Street Surface

Bid Results

Specifications No. 1735

| | |
|----------------------|---|
| Bids Received: | May 8, 2013 |
| No. of Bidders: | 4 |
| Low Bidder: | Minako America Corp. dba Minco Construction |
| Low Bid: | \$878,500 |
| Range of Other Bids: | \$987,000 to \$ 1,702,303 |
| Engineer's Estimate: | \$1,321,000 |
| SBE Participation*: | 100% |

*SBE (Small Business Enterprise) participation level = 25%

Requested Funds

Labor

| | |
|---------------------------------|--------------|
| Met. Force Construction | \$ 213,000 |
| Field Inspection | 164,000 |
| Permitting, Proj. Mgmt. | 126,000 |
| Submittal Review & Record Dwgs. | 34,000 |
| Contracts | 878,500 |
| Remaining Budget | 84,500 |
| <hr/> | |
| Total | \$ 1,500,000 |

Total Construction Cost is \$1,091,500

Schedule

| Project | 2013 | 2014 |
|------------------|---|------|
| Sepulveda Feeder |  | |



Construction



Board Action



**Completion of
Construction**

Board Options

- Option #1

- Adopt CEQA determination that the proposed action is categorically exempt
- Appropriate \$1,500,000
- Award \$878,500 contract to Minako America Corp., dba Minco Construction to install cathodic protection on Sepulveda Feeder

- Option #2

- Do not award contracts and re-advertise

Staff Recommendation

- Option #1

