

Reach 4A Upper Corrosion Protection Repairs Project

Carlos Quintero, Operations Manager

PA24 Committee | March 2, 2021

Item No. 5.B.

Recommendation

- Receive and file

Inland Empire Brine Line

— Brine Line Laterals

Brine Line

REACH

— IV

— IVA

— IVB

— IVD

— IVE

— V



SBVMWD

IEUA

WMWD

EMWD

OCWD

5 2.5 0 5 Miles

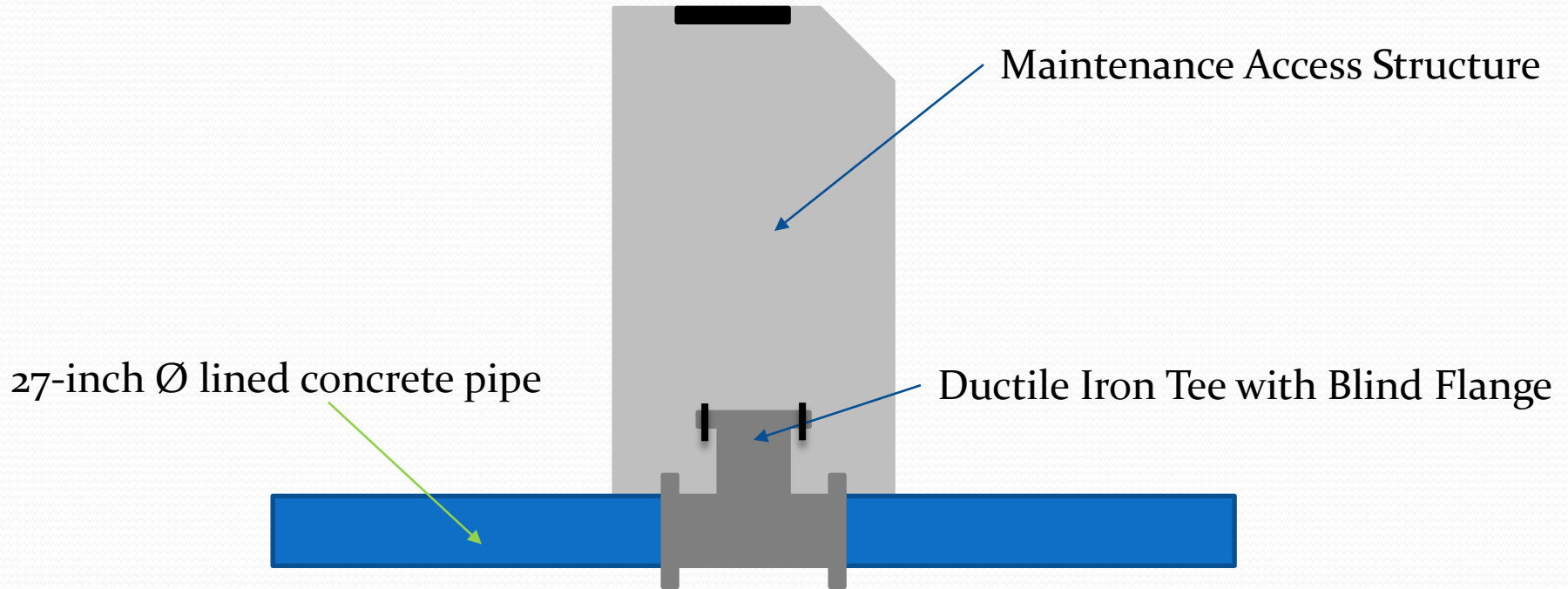


Reach 4A Upper

- Phase 1 (Complete)
 - Repair of 17 MAS (between Chino Creek and Euclid Avenue)
- Phase 2 (On-going)
 - Focus on Ductile Iron Tee Riser
 - Deteriorated PVC liner
 - 19 MAS (along El Prado Road between Pine Avenue and Kimball)
 - Inspection and repair on previously lined MAS



Reach 4A Upper – Sealed MAS



Structure showing damaged liner



Removed liner



Re-grouted tee riser





Re-lined tee riser



Metal filler used for flange lip

Recommendation

- Receive and file



Questions??

Brine Line Service Contracts RFPs

Carlos Quintero, Operations Manager

PA24 Committee | March 2, 2021

Item No. 5.C.



Recommendation

- Direct the General Manager to issue Requests for Proposals (RFPs) for the Inland Empire Brine Line service contracts.

Service Contracts

- *Pipeline cleaning:* Vacuum trucks, water trucks, and traffic control for Brine Line cleaning operations. ***Current contract with Downstream Services through June 2022.***
- *Line draining and emergency response:* Tanker trucks for line draining during planned maintenance and emergencies, as well as material support during SSOs.
- *Debris hauling and disposal:* Removal of dewatering bins and hauling to disposal site.
- *Pipeline inspection (CCTV):* Line inspection as required per the Brine Line Sewer System Management Plan.
- *Flow meter calibration:* Annual calibration of dischargers flow meters.
- *Surveying:* On-call surveying services as required.

Schedule

Activity	Date
PA24 Committee Approves RFPs	3/2/2021
Issue RFPs	3/2/2021
Pre-Proposal Meetings	3/24/2021
RFP Due Date	4/7/2021
PA24 Committee Approval	5/4/2021

Cost Estimate (FY21-22)

Service	Estimated Cost (in US\$ per year)
Line draining and emergency response	\$50,000
Debris hauling and disposal	\$20,000
Pipeline inspection	\$50,000
Flow meter calibration	\$20,000
Surveying	\$15,000
TOTAL	\$155,000

Recommendation

- Direct the General Manager to issue Requests for Proposals (RFPs) for the Inland Empire Brine Line service contracts.

Brine Line Virtual Tour

Carlos Quintero, Operations Manager

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Item No. 5.D.



Recommendation

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Inland Empire Brine Line

— Brine Line Laterals

Brine Line

REACH

— IV

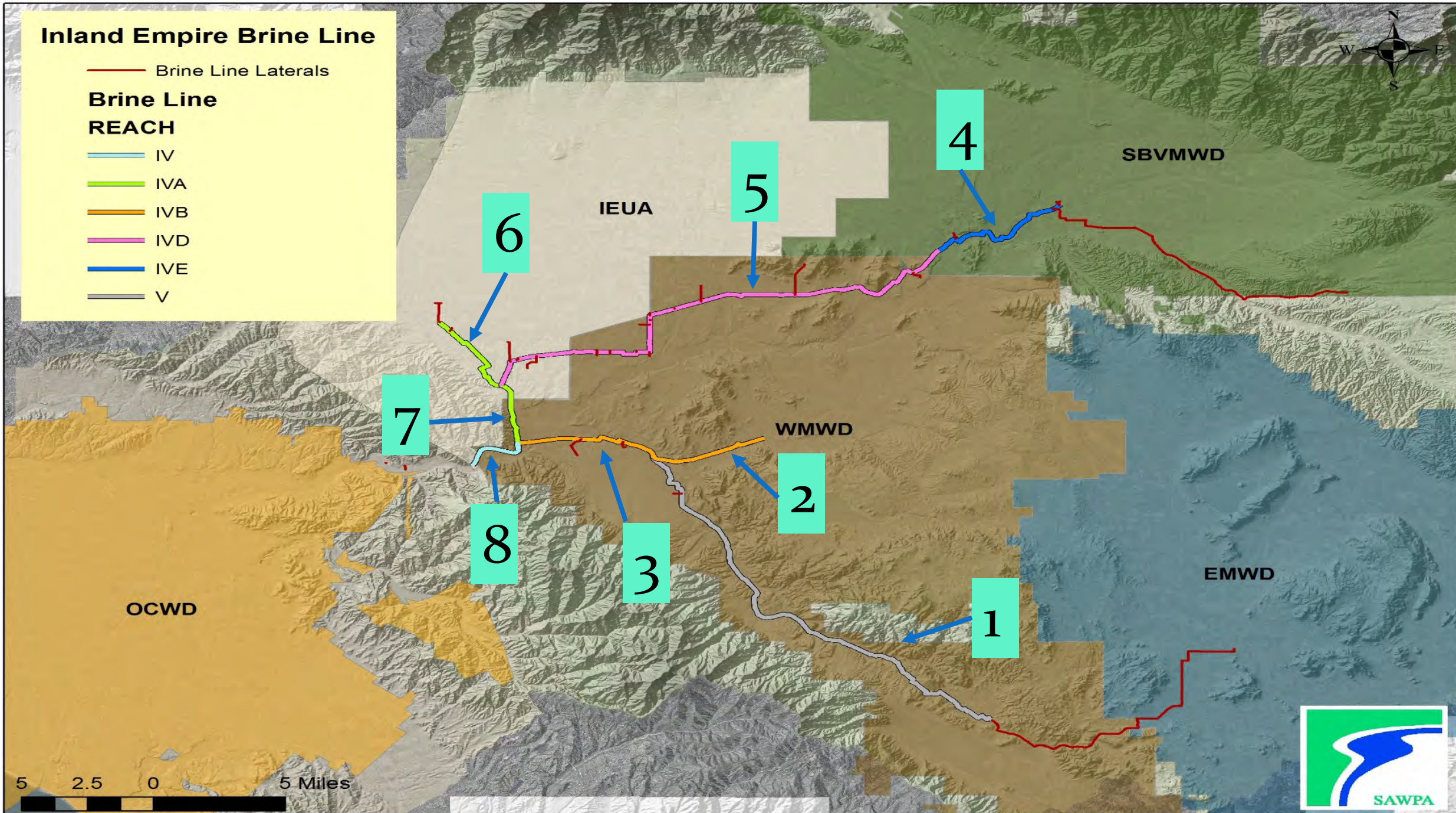
— IVA

— IVB

— IVD

— IVE

— V



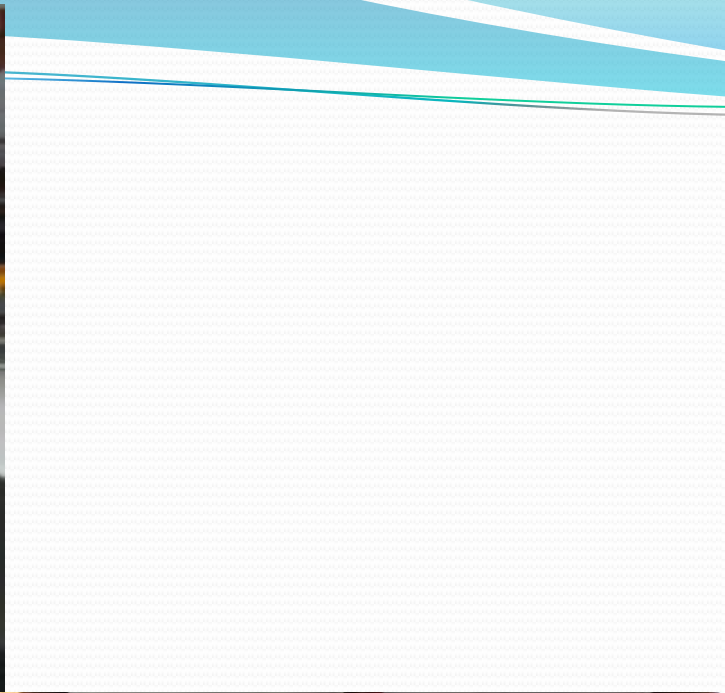
Brine Line Tour (Google Earth)

Brine Line Operations

- Brine Line Operations Center
- Brine Line Warehouse / Vehicle Storage
- Storage at WMWD



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Recommendation

- Receive and File