Nogales Trunkline and IOI

• Current pipeline built in 1971 and near end of service life
• Rehabilitation divided into five phases
• Segments prioritized based on pipeline condition
• Trenchless pipeline rehabilitation by Cast-in-Place Piping (CIPP)
• Manhole rehabilitation by protective lining or carbon fiber composite lining
Nogales Trunkline and IOI Rehab Phases
Nogales Trunkline and IOI Projects

- Phases 1-3: Rehab of 28,364 LF (5.3 Miles) of piping and 56 manholes
  - Construction Award: 7/13/21
  - Contractor: SAK Construction
  - Cost: $13.8 Million
  - Includes Wash repairs at MH 86 and 93 for IOI protection
- Phases 4 & 5: Rehab of 18,010 LF (3.4 Miles) of piping and 38 manholes
  - Solicitation in FY22
  - Expected Construction Award Date: 9/30/22
  - Anticipated Construction Completion: 2024
Rehabilitation Phases 1-3 Status

- Notice to Proceed: 9/9/21
- Construction Completion Required: 10/29/23
- Preparation of preconstruction submittals and permits
- Anticipated Construction Start: December 2021
- Install CIPP starting at border and work downstream
- Estimated Completion Dates Per Phase:
  - Wash Repairs – December 2021/ January 2022
  - Phase 2 – May 2022
  - Phase 3 – November 2022
  - Phase 1 – April 2023

*Start of construction depends on completion of all permitting and preconstruction submittals
Construction Requirements

City of Nogales Right of Entry
• Required before Contractor can enter the City’s right of way along the existing pipeline of the Trunkline and IOI
• USIBWC submitted draft agreement for City’s review

UPRR Permit Status
• Required before Contractor can obtain their Right of Entry and enter the UP ROW for either rehab or Wash repairs
• CIPP and Manhole Rehab Permit Approved March 2021
• Wash Repairs Permit Approved July 2021
Construction Requirements

Temporary Construction Easements Status
• Required agreements for use of properties for access or staging along the existing pipeline easement
• Sent out all easements with ADEQ’s support
• Phases 1 & 3 have 11 easements within private properties shown
  • 10 easements finalized
  • 1 owner reviewing agreement

Environmental Clearance for Wash Repairs
• Requirements under the USACE Nationwide Permit (NWP) No. 13, Bank Stabilization
• Coordination with USFWS for mitigation measures to protect endangered species in the Potrero Creek
Questions?

Additional questions may be sent to:
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