



International Boundary & Water Commission United States Section

IOI Rehabilitation
October 14, 2021

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



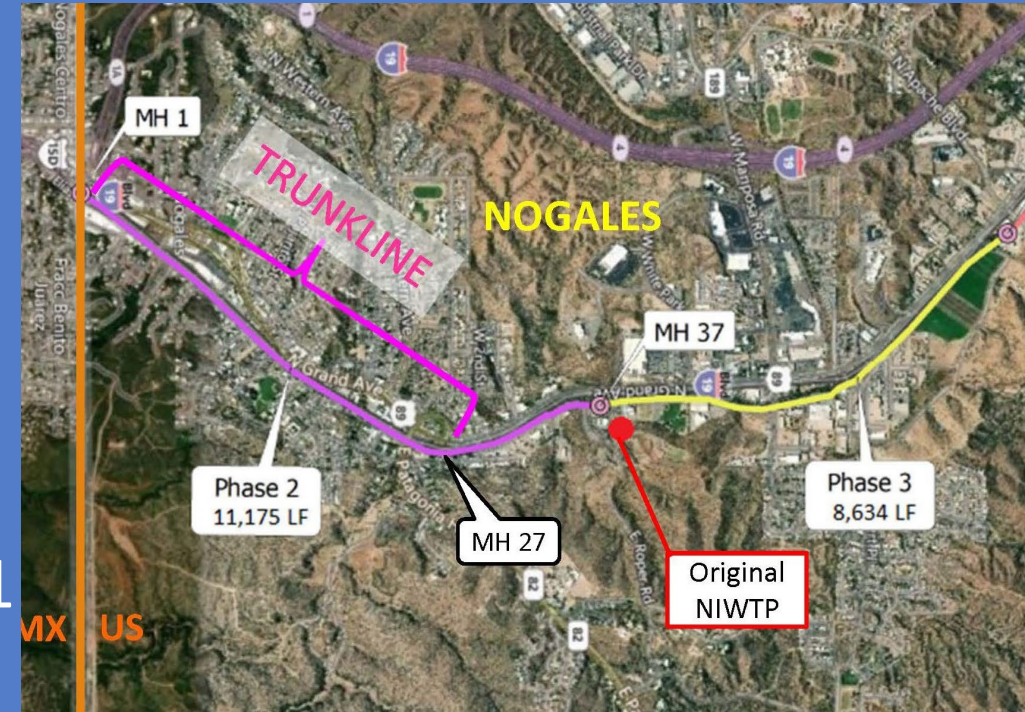
Nogales Trunkline and IOI Projects

- 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:
Lori Kuczmanski, USIBWC Public Affairs Officer
lori.kuczmanski@ibwc.gov**