Nogales International Sanitation Works

Rehabilitation of the Nogales International Outfall Interceptor (IOI)

By John Light,
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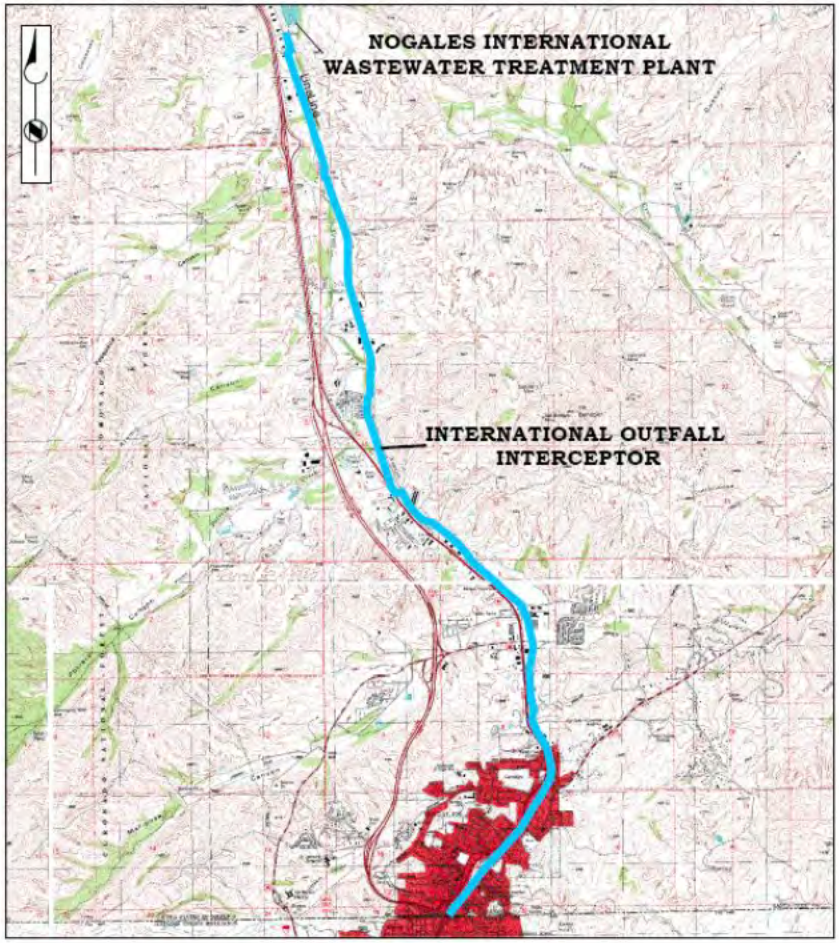
Overview of International Outfall Interceptor



IOI Rehabilitation Project

– Project is in the Design Phase –

- Design Contract Awarded to URS Corporation (URS).
- USIBWC is providing funding for design.
- The City of Nogales (City) is providing in-kind services for design.

Photo showing the Intrusion of Roots into the IOI

IOI Rehabilitation Project

Project Design Status –

- Kickoff and 1st Stakeholders Meeting held on June 3, 2014.
- Coordination and Administration of Project Activities was initiated.
  - Existing information and data is being collected and reviewed.
  - Right-of-Way, utility information, and permits are being gathered.
  - Field Survey and Geotechnical Work has commenced.

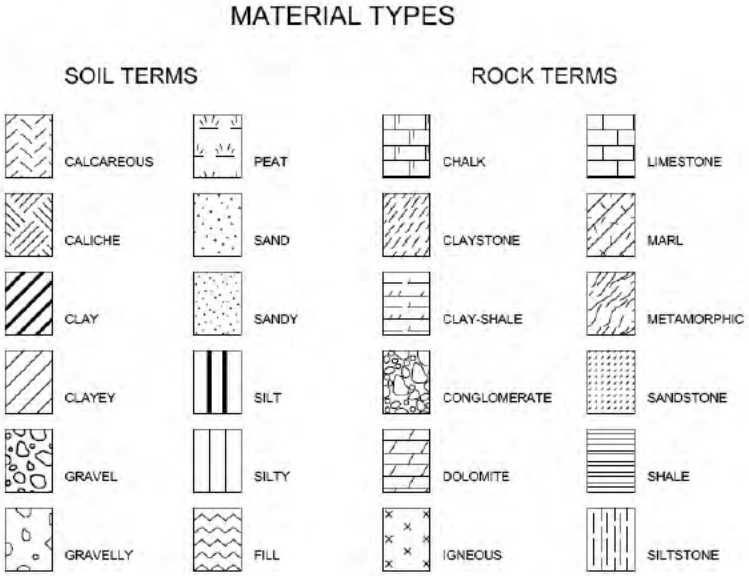
Project Field Work

Topographic Survey –

- All accessible manholes have been surveyed.
- The City is working to locate and expose buried manholes 33A, 33B, 34, 35, 53, & 94.

Geotechnical Investigation –

- Completed 28 of 35 the borings.
- Awaiting permit for the 50' deep wells for readings of groundwater level.



Project Design Work

Design Development –

- Will begin after conclusion of all field work. (Survey & geotechnical data is needed for design.)

- 30% draft design anticipated in Nov. 2014.
- 60% draft design anticipated in Feb. 2015.

- Project may then be subdivided in up to four (4) phases depending on estimated costs and available funds.

- Final design submittals are anticipated in Summer of 2015. (3Q FY15)

IOI Rehabilitation Project

Questions?