



PROCESSING PLANT EXPANSION

CLIENT - Louisiana Natural Gas
LOCATION - Dubberly, LA
COMPLETED - 2016

DESCRIPTION

Matrix PDM Engineering partnered with ISTI Plant Services to provide balance of plant, foundation, structural, piping, instrumentation and electrical engineering, and procurement for a major gas processing facility expansion.

PRINCIPAL FEATURES

- Performed project management and multidiscipline engineering design
- Performed detailed processing and project engineering functions including integration of all process units, facility
- P&ID development, and procurement of balance of process equipment
- Developed equipment layout drawings showing the new equipment integrating with existing equipment through 3D modeling of entire facility
- Performed detailed piping engineering and design for interconnecting process units (both new and existing)
- Performed calculations and designed foundations for new equipment and structures
- Performed engineering design for the new MCC, new instrument air compressors, and the chromatograph, including associated buildings and facility-wide safety system
- Developed Cause and Effect diagram for entire facility
- Developed specifications for engineered equipment along with procurement, including the MCC, chromatograph, pipeline pumps, flare, control system equipment and balance of plant instrumentation

FOR MORE INFORMATION:

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