HOH

Associates Engineers Architects Systems Construction Managers

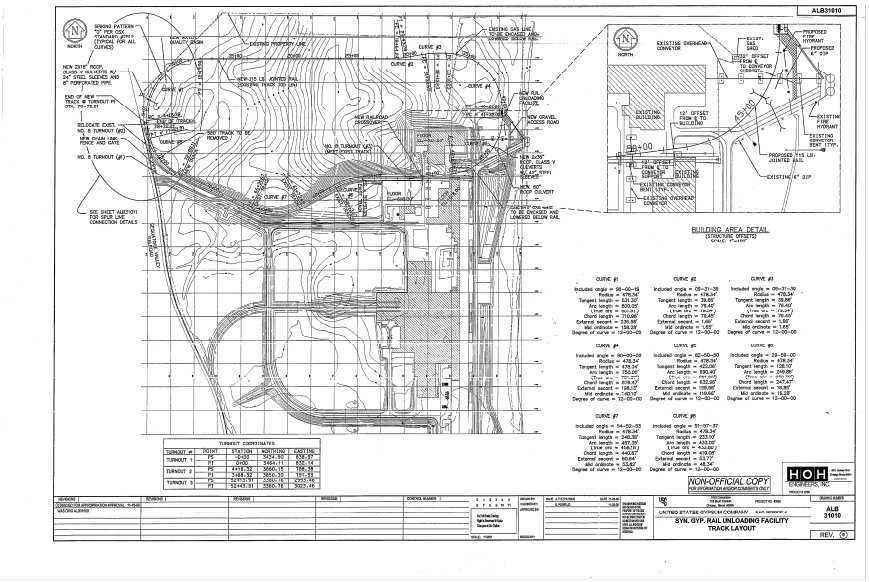
RAILROAD, IMPROVEMENT

BRIDGEPORT, ALABAMA

US Gypsum Plant in BRIDGEPORT, ALABAMA

This project consists of the planning for construction documents for construction of the expansion and addition of the existing plant rail to accommodate a rail car dumping facility for the USG Plant in Bridgeport, Alabama.

The work consisted of the design and construction of 6,000 feet of railroad, a car dumping facility, as well as all necessary drainage and detention facilities, site grading and erosion control facilities.

Railroad construction included turnout, roadway crossings and rail bumpers. Drainage facilities included sewer pipes ranging in size from 12” to 60”, along with expansion of on site detention, as well as two additional WQB’s (water quality basins). Roadway construction included bituminous and concrete paving for rail improvements.

Some of the challenges included cut slopes ranging up to 80 feet in height, as well as investigation and mitigation of Indian Burial Grounds along the rail alignment.