

# *DGL Consulting Engineers, LLC*

**Project Name:**

WOO-Oregon Road-Grade Separation w/ CSX RR

**Client Name:**

Wood County Engineer

**Construction Costs:**

\$ 4,600,000



**Description:**

The Wood County Engineer initiated the project located near Owens Community College, Penta County Vocational High School and the Ampoint Industrial Park. Long traffic backups and safety concerns were the highlight of the initial study. The project has been designated a Tier II project on Governor Taft's Railroad Grade Separation Program. DGL conducted a feasibility study, which was approved on January 15, 2004. The offset realignment of Oregon Road allows existing Oregon Road to operate at full capacity during most of the construction period.

The proposed bridge is a three span precast concrete I-beam superstructure on hammerhead piers and stub abutments. An MSE wall is designed to be placed in front of the south abutment to protect a private sanitary line owned by Ampoint Industrial Park. The north abutment utilizes a conventional spill through type design. In addition to roadway and bridge design activities, DGL completed all right of way plan development to support the project's construction.

**Highlights:**

- Successful partnering arrangement between Wood County, Owens Community College and Perrysburg Township resulted in improvements above federal/state funding levels.
- Oregon Road / First Street traffic signal upgraded to a fully actuated 8-phase system



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