

FREIGHT RAIL

INDUSTRIAL RAIL SPURS

Altoona, IA

GETTING YOU ON TRACK FOR RAIL SERVICE

Whether it's a new industrial track connection or the expansion of an existing rail facility, the best designs originate from technical knowledge and real-world practical experience.

We thoroughly understand the effects of grades, curves, and weather on the locomotive effort needed to move products. We also understand service requirements to connect railroads. Practical experience coupled with technical expertise gives us a unique, balanced perspective for the design of your railroad.

PUTTING SAFETY FIRST

We have a strong record of successfully completing railroad intersection improvements and grade separation projects that eliminate interaction between rail and other traffic modes. Grade separation is always preferable if it's feasible and funding is available. We can also design modifications for existing at-grade crossings, add pedestrian or bicycle accommodations, and assist with quiet zone initiatives.



TRANSPORTATION
BICYCLES & PEDESTRIANS
FREIGHT RAIL
PUBLIC TRANSIT
STREETS & HIGHWAYS
TRAFFIC ENGINEERING





GLOBAL AGRICULTURAL PRODUCTS CORPORATION

Northwest MO

HOW WE CAN HELP

TRACK PLANNING

We can help determine feasible access to an existing railroad in terms of geometry, operational capacity, and carrier willingness to serve the access point. Cost opinions for the construction of necessary improvements are also available.

TRACK DESIGN

With a practical understanding of railroad operations, we excel in the interface between railroad and industrial operations. Our track design and structural engineering services will guide your project from inception to successful operation. We can also assist in the selection of locomotives and other equipment.

CONSTRUCTION SERVICES

Our full-service offering begins with a preliminary survey and continues with bidding assistance, contractor selection, construction administration, construction surveying, on-site construction review, and record drawings. We can also assist with project startup and commissioning.

GRADE SEPARATION

Grade separation projects reduce traffic delays while improving safety and rail network reliability for efficient freight movement. Eliminating the hazards associated with at-grade crossings is key to our zero fatalities transportation goal.

QUIET ZONES

Quiet zones reduce the noise of train horns sounding in approach to roadway crossings. To accomplish this, at-grade intersection improvements are typically required to ensure vehicles and pedestrians can't enter the crossing as trains approach. Our project success ranges from the construction of four-quadrant gate systems to minor, raised median improvements that deter vehicles from traveling across at-grade intersections when two-quadrant gates are lowered.

BRIDGES & STRUCTURES

Shuck-Britson, a subsidiary of Snyder & Associates, specializes in bridge repair and rehabilitation, steel girder bridges, PPCB bridges, bridge inspections, culverts, bridge hydraulics, and retaining walls.