

# Public Transit Connectivity Plan

Ravenna, Ohio



## CONNECTIVITY PLAN



### PROJECT DESCRIPTION

The CR 74 S- Curve is a combination of two hazardous curves on CR 74 where the Norfolk Southern Railroad crosses over CR 74 via an old railroad bridge. The S- Curve is near the intersection of CR 74 (South Prospect Street) and Summit Road on the south side of Ravenna Township. In this area, CR 74 functions as an urban minor arterial and is the main north/south connector between I-76 and Downtown Ravenna. CR 74 is a two-lane roadway that varies in speed between 25 mph and 55 mph. The posted speed limit at the S-Curve is 45 mph; the speed limit is reduced to 25 mph at the southern corporation limit of the City of Ravenna, located just under 0.5- mile north of the S-Curve. The Existing degree of curvature for both curves is approximately 50 degrees.

PARTA, Portage Area Regional Transportation Authority, serves 1.5 million riders in the Portage County area, with most of the ridership occurring along their already existing transit routes. The existing transit routes, however, only cover a small portion of the county. To address the accessibility issue, PARTA also offers a door-to-door, shared ridership service via the Dial-A-Ride program. Lacking a direct transit route, the old SR 44 corridor is frequently serviced by this transportation option.

#### Identified Issues:

- Substandard Horizontal Curves
- Substandard Roadway Lateral Clearance
- Substandard Horizontal Sight Distance
- Substandard Vertical Clearance

#### Identified Solutions:

- **Low-Cost Solutions** included options to address some of the identified issues without structural modifications to the railroad bridge or roadways
- **Medium-Cost Solutions** included options to address some of the identified issues with structural modifications to either the railroad bridge or roadways
- **High-Cost Solutions** included options to address all of the identified issues with structural modifications to both the railroad bridge and the roadways



### PRIMARY CLIENT

Glaus, Pyle, Schomer, Burns & DeHaven, Inc.

### STATUS

Complete

### ROLE

Transportation planning

### RESPONSIBILITIES

Existing conditions analysis, connectivity recommendations, and technical writing