

Map Source: Iowa Department of Natural Resources, "Natural Resources Geographic Information Systems Library," accessed April 2016, <http://www.igsb.uiowa.edu/nrgislib/>.

Transportation Inventory and Analysis

Knowledge of the transportation systems in and around a community is critical for sustainable transportation enhancement planning. Monona's transportation systems include roadways, pedestrian and bike trails, waterways, and railways.

Monona is connected by Highway 52/18 running along its southern edge. Highway 18 continues east to Marquette and McGregor before entering Wisconsin. Highway 52 continues south to Garnavillo and joins with Highway 18 five miles east of Monona. The highways continue 2 miles west to Luana and 8 miles to Postville before diverging again. Highway 52 continues north to Minnesota and Highway 18 continues west across the state.

The Garden View Trail starts in Garden View Park and continues along the southwestern edge of town, terminating at the Butterfly Garden. The loop at the Butterfly Garden is the most used portion of the trail. The trail also branches north from the Butterfly Garden connecting to Memorial Garden and Iowa Street.

The design team met with Iowa Department of Transportation personnel, the county engineer, and local officials to identify existing, past, and future transportation system improvements. Discussion also included possible transportation-related constraints and opportunities that affect project areas.

With Annual Average Daily Traffic data from vehicle counts conducted by the Iowa Department of Transportation in 2013, we understand the flow of traffic in and around Monona. As seen in the figure to the right, traffic counts for the intersection of Highway 18/52 and County Highway X26 are the highest for Monona. Both the traffic data and the TAB assessments demonstrate the intersection needs aesthetic and safety updates.

In addition to the traffic data, other transportation-related observations throughout Monona include Old Highway 52 west to Luana via Franklin Street and County Highway B45 east via Iowa Street.

There is a new development along the southwestern limits of Monona designated for industrial and residential development. Additionally, a new Casey's General Store is proposed on the east side of Main Street. A second residential development is also located northeast of Monona, including two new proposed roads.

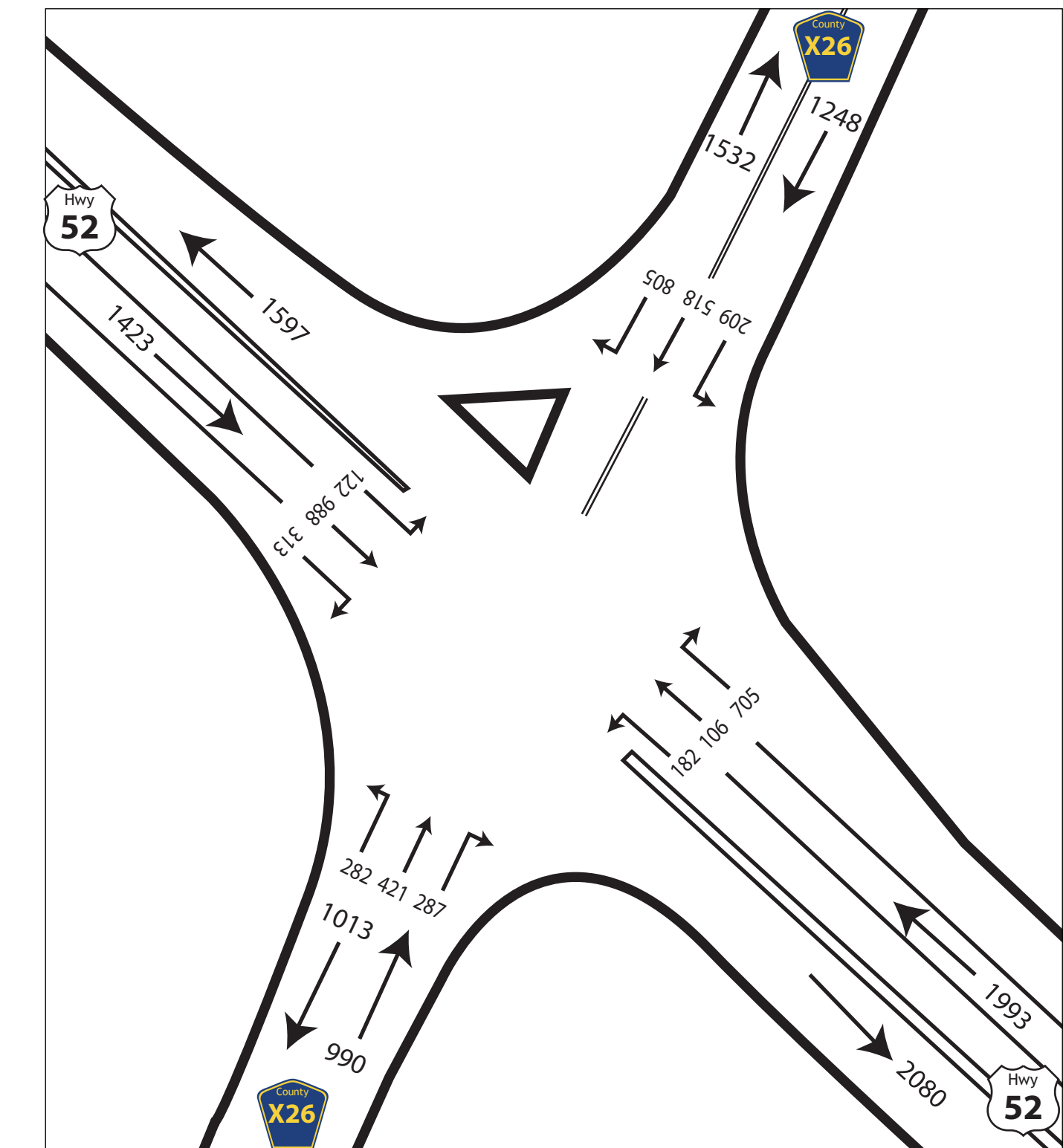


Figure 1. Average daily traffic counts for the intersection of US Highway 52/18 and County Highway X26 (Main Street).

Monona

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