

COMPLIMENTARY ROUNDBABOUT DESIGN REVIEW SERVICE

FOR YOUR MUNICIPALITY OR COUNTY



Background

Small localities in Iowa do not necessarily have the resources to staff a full-time traffic engineer dedicated to analysis and design of intersection safety enhancement projects, including roundabouts.

The Iowa Department of Transportation (DOT) created an innovative program—the Traffic Engineering Assistance Program (TEAP)—to deliver this very service to help smaller jurisdictions by providing an “expert on-hand,” who visits the jurisdiction, gathers input from local stakeholders, and makes recommendations to help the agency identify, analyze, and implement traffic safety improvements.

In 2004, Iowa DOT expanded its expert-on-hand repertoire to include roundabout analysis, design, and outreach support. They implemented this expansion in response to frequent questions about roundabout feasibility, how to design a roundabout effectively, and how to generate support from the local community.

Iowa Traffic Engineering Assistance Program (TEAP)

TEAP provides traffic engineering expertise to local units of government. The purpose is to identify cost-effective traffic safety and operational improvements as well as potential funding sources to implement the recommendations. Typical studies include high-crash locations, unique lane configurations, obsolete traffic control devices, school pedestrians, truck routes, parking issues, and other traffic studies.

Iowa DOT provides this free Roundabout Design Review service to municipalities throughout Iowa on an on-going basis.

About this Service

Our roundabout experts have helped communities like yours mitigate high-crash intersections, improve traffic safety in neighborhoods and at schools, evaluate the effectiveness of intersection choices, and become more informed about traffic safety innovations and practices.



Roundabout Design Issues

Troubleshooting

- Intersection Control/Evaluation Assessment
- Design Justification
- Public Outreach
- Horizontal & Vertical Geometrics
- Signing & Pavement Marking
- Design Review

Public Involvement

Often, when roundabouts are first proposed in an area, jurisdictions have very little knowledge of how they operate or the benefits they provide. Iowa DOT can assist with custom tailored presentations to the public, as well as local agencies, which have proven to be very effective when it comes to educating and receiving approval of a roundabout project. We have an extensive library of education and training tools to suit your needs.



Does your jurisdiction have an intersection that is a nagging safety concern?

Does your jurisdiction need help identifying causes and finding solutions?

Does your jurisdiction want to:

- improve traffic safety and operations conditions,
- reduce traffic crashes at high-crash intersections?

If so, we can help.

To Request a Free Design Review

This free service is available statewide, year-round to Iowa municipalities and counties. For more information contact:

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