

ENGINEERING DIRECTIVE

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CHIEF ENGINEER

Guidelines for the Planning and Design of Roundabouts

The purpose of this Engineering Directive is to formally issue the MassDOT *Guidelines for the Planning and Design of Roundabouts* for use on MassDOT Highway Division projects.

This guide shall be used by project planners and designers as a resource for considering, evaluating, and designing roundabouts. This guide demonstrates the benefits of using roundabouts for intersection control, will provide consistency in operational analysis and design, and will help to broaden the use of this FHWA Proven Safety Countermeasure throughout the Commonwealth of Massachusetts.

This guide supplements the MassDOT *Project Development and Design Guide* and may be used in conjunction with other relevant design guidance documents including FHWA's *Roundabouts: An Informational Guide*, AASHTO's *A Policy on Geometric Design of Highways and Streets*, and NACTO's *Urban Design Guide*.