
Glossary and Abbreviations

Design Manual

Chapter 1

General Information

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AASHTO Greenbook- A Policy on Geometric Design of Highways and Streets 2004

AASHTO publication considered the accepted national guidelines for highway design. Iowa DOT currently uses the 2004 publication.

A Policy on Geometric Design of Highways and Streets

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CADD - Computer Aided Design and Drafting

Software used in design. At the DOT, this generally refers to MicroStation and GEOPAK.

Contract ID

Number used to identify projects by the Office of Contracts. Contract ID is derived from the Project Number. An example is shown below:

Project Number: IM-234-5(678)9--13-11

Contract ID: 11-2345-678

11 2-digit county number

234 3-digit route number

5 single-digit federal control section number

678 3-digit paren number representing a chronological sequence of the assignment of projects on a given route and control section.

Note: All portions of the Contract ID must contain the appropriate number of significant digits. Include 0s preceding the numbers as needed. For example, the route number for Highway 20 is 020.

DS - Developmental Specification

See Section [1C-3](#).

GS - General Supplemental Specification

See Section [1C-3](#).

Median Crossover

Paved median area used to divert traffic across the median of a divided highway. Primarily used during construction staging or in transition to an undivided roadway.

Median Opening

Paved median area allowing for left turn access on expressways.

MUTCD - [Manual on Uniform Traffic Control Devices](#)

This manual contains the basic principles, guidance and standards that control the design, placement, maintenance and uniformity of traffic signs for all streets and highways open to the public. Use of MUTCD is required by both federal regulations and Iowa Administrative Code. Iowa DOT currently uses the 2003 MUTCD except for exceptions noted in the [Administrative Rule Chapter 761, Section 130.1 \(1\)](#).

Paren Number

Number appearing inside parentheses. Usually associated with Project Numbers.

PDF - Portable Document Format

Commonly used file format for storing images which can be viewed in Adobe Acrobat Reader.

PIN – Program Improvement Number

Number used to identify a segment of roadway that has been entered into the Five Year Program. An example is shown below:

PIN: 07-85-020-010-02

07 2-digit year the segment entered the Five Year Program

85 2-digit county number

020 3-digit route number

010 3-digit number representing a unique sequence of the assignment of segments in a given county and route

02 2-digit section number representing a subdivision of a segment into smaller pieces. This portion of the PIN may or may not exist depending on if a segment needs to be subdivided or not.

Note: All portions of the PIN must contain the appropriate number of significant digits. Include 0s preceding the numbers as needed. For example, the route number for Highway 20 is 020.

PMT- Project Management Team

The team charged with developing a design project. The team includes district staff, central office staff and possibly local representatives.

PPMs- Policies and Procedures Manual

Manual of Iowa DOT policies and procedures available at

<W:\DirectorsStaff\ppmfiles2\open.pdf>

Project Directory Number

Number used to name CADD project folders located on the network under W:\Projects\. The project directory number is derived from a project's PIN. An example is shown below:

PIN: 07-85-020-010

Project directory number: 8502001007

85 2-digit county number

020 3-digit route number

010 3-digit number representing a unique sequence of the assignment of segments in a given county and route

07 2-digit year the segment entered the Five Year Program

Note: If a PIN includes a section number, this is not reflected in the project directory number. All portions of the project directory number must contain the appropriate number of significant digits. Include 0s preceding the numbers as needed. For example, the route number for Highway 20 is 020.

Project Number

Number used to identify a project from concept through construction. An example is shown below. For more information see Policies and Procedures Manual [PPM 130.01](#) This link will only work for people connected to the intranet of the DOT. If you need a copy of PPM 130.01 please contact the Office of Legislative Services at (515) 239-1362.

Project Number IM-35-5(87)111--13-85

IM	System prefix letter code
35	Route number
5	Federal control section number
(87)	Paren number
111	Mile post number
13	Alpha-numeric system prefix
85	2-digit county number

PSS - Project Scheduling System

Computer program used to track DOT projects.

SP - Special Provision

See Section [1C-3](#).

SS - Supplemental Specification

See Section [1C-3](#).

TBR - Temporary Barrier Rail

See Standard Road Plans [RE-71](#) and [RE-89](#).