

Introduction

The Ohio Department of Transportation (ODOT) State Roadway System consists of 19,257 miles of highway in 88 counties. There are 1,332 miles on 22 Interstate routes. The 47 U. S. routes encompass 3,911 miles. Lastly, over 600 State Routes cover 14,014 miles. The Roadway Information section, in the Office of Technical Services, is responsible for maintaining the highway inventory records for these routes.

A Straight Line Diagram (SLD) is a two dimensional graphic representation of the physical roadway characteristics of a highway as if it had no turns or curves. Mileage is based on the centerline of the road as measured from the western or southern county line or other true beginning. All routes on the Interstate, U. S. and State Route systems are shown on these diagrams.

All information contained in the SLD files is current as of January 1, 2009.

SLD Sheets & Detail Sheets

There are two types of sheets. "SLD sheets" generally depict from one to five miles of highway, depending on the density of information. Also shown on the SLD sheets are crossing state routes, corporation lines, structures, and pavement and project information. (More information can be found in the Legend.) "Detail sheets", are grade separated interchange drawings. (Please note: Detail sheets are not drawn to scale.)

All SLD sheets and Detail sheets associated with a route are located in one file (by county). The Detail sheets that previously appeared on the back of the SLD sheets (in book form) now appear on subsequent pages in the SLD file. The number of SLD sheets and Detail sheets are displayed in each County table.

All SLD files are in PDF files accessed via the County map on the home page.

SLD File Names

The SLD file name is made up of a three character county code and route number. The route number consists of a two letter System prefix, (IR - Interstate Route, US - United States Route, SR - State Route), a four digit route number, and a single character route suffix. (Route suffixes are identified on the Legend.)

Interchange ID Numbers

All the SLD Detail sheets include an "Interchange ID Number." This number is located

under the sheet title. This unique identification corresponds to the interchange number and is fully integrated with the soon to be released Ramp Inventory System. All ramps for a given interchange will have this same ID number associated with it in the Ramp Inventory System.

Legend

The Legend for SLD sheets and Detail sheets consists of three pages. It includes Standard Surface Classifications, Standard Base Classifications, Route Identifications, Route Abbreviations and Suffixes, Special Symbology, etc. and is accessed under Related Pages on the SLD home page.

Viewing the SLD's

Use the image map to call up a County Table. Each County Table contains a list of route numbers in that county. The table also includes the route length (in miles) for that county, the number of SLD sheets and the number of Detail sheets. The SLD file name is the link to the drawings. The tables are ordered by System precedence (IR, US, and SR), route number, and suffix.

One additional row is included at the top of each County Table which contains the combined route information for all the route types (IR, US, and SR) in each particular County. A PDF file was also included to view the SLD and Detail sheets for the entire County. This additional PDF file was included so that users could easily view and/or print the SLD and Detail sheets for an entire County with only one click.

Straight Line Diagrams for the Ohio Turnpike (IR 0080K/IR0076K) are included on the appropriate county tables. However, the mileage, number of sheets, and number of details sheets are not included in the county data and do not appear in the county SLD file.

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