

## **DEFINITION OF TERMS**

For clarity, the definitions of some terms and abbreviations as used in the context of this manual are provided below:

**Bridge** - See Introduction - Section D - Structure Data Base.

**Highway Bridge Program (HBP)** - Federal Highway Act which funds, regulates and prioritizes the improvement of the nation's bridges. Only those bridges classified as "structurally deficient or functionally obsolete" *and* having a sufficiency rating of 80.0 or less are eligible for funding under this program.

**History** - Any data base item where all past values for that item are stored on the data base. Inspection items are examples of items where history is retained by inspection date. Average Daily Traffic (Item 29) is an example of an item where history is not retained, since past changes in traffic volumes are not retained in the computer system.

**Illinois Highway Information System (IHIS)** - The master data base resulting from the combining of the individual IRIS, IRRIS, ISIS and IGIS data bases.

**Illinois Geographic Information System (IGIS)** - The computer system that allows a graphical display of various elements contained in IHIS.

**Illinois Roadway Information System (IRIS)** - The computer system and data base which accommodates the entry and retrieval of pertinent information in relation to all highways open to public travel.

**Illinois Railroad Information System (IRRIS)** - The computer system and data base which accommodates the entry and retrieval of pertinent information in relation to all public at grade and grade separation rail crossings.

**Illinois Structure Information System (ISIS)** - The computer system and data base which accommodates the entry and retrieval of inventory and inspection data for all structures open to public travel.

**Inventory Route or Key Route** - Both terms sometimes used interchangeably. Technically, the two descriptions pertain to the same section of highway. "Inventory Route" (also called Marked or Unmarked Route) refers to the highway identified in Items 5A-5E, and whose highway designation terminology can be most familiar to the travelling public. "Key Route" is defined in Items 1A-1H and is used by IDOT to uniquely identify roadway that typically can cross county and township borders, sometimes starting at one end of the state and continuing to the opposite end. Key route may be viewed as the most basic unit of identification for the Illinois highway system. Example: For an identified section of highway, there may be many Inventory Route designations assigned to the section, but only one key route designation.

Key Route data is recorded for the highway(s) on and under the structure. Inventory Route Data is computer generated from the Key Route information and stored in the ISIS database. The Illinois Structure Information System will accommodate the entry of an unlimited number of routes per structure. Individual data items located on Key Route computer screens are therefore recorded individually for each route.

**Note:** For structures that span Illinois borders into neighboring states, IDOT does not record highway Key Route information for those roads or roadway sections located outside Illinois borders.

## **DEFINITION OF TERMS (continued)**

**Bridge Inspection System (BIS)** - The PC based, ISIS upload application, that's used to enter State bridge inspection data in to ISIS.

**National Bridge Inspection Program (NBIP)** - The program developed by the Federal Highway Administration (FHWA) as a result of the Federal-Aid Highway Act of 1968, which requires the inventory and inspection of the nation's bridges.

**National Bridge Inspection Standards (NBIS)** - The federal regulations establishing requirements for inspection procedures, frequency of inspections, qualification of personnel, inspection reports and preparation and maintenance of a state bridge inventory.

**Structure Information Management System (SIMS)** – A version of the ISIS database information in a PC Microsoft Access database format. Information is copied nightly from the ISIS database to the SIMS Access database where users can view data and generate reports.