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Chapter 7 Other Information Input

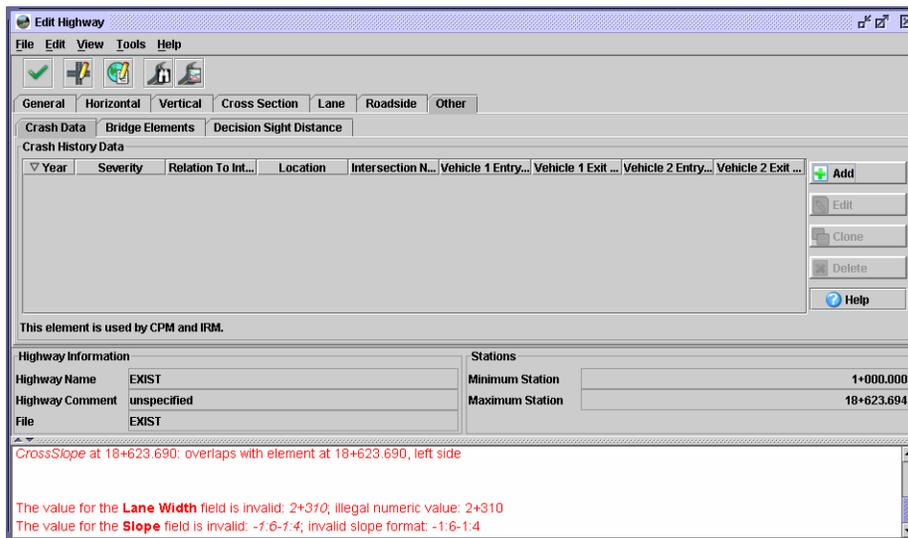
From the Other Information tab in the Edit/View Highway Data dialog box the following information may be input:

- Crash Data
- Bridge Elements
- Decision Sight Distance

The following workflows will guide the user on how to input each set of data using IHSDM. The title of the workflow will also indicate the modules that use that data in parenthesis. Therefore, if the user does not want a certain module, they will not waste time importing data that is not needed.

Workflow 1: Crash Data (CPM, IRM)

1. Pick the Edit/View Highway Data button  while in the Main IHSDM Dialog box. This dialog box is shown in step 16 of [workflow 2 in chapter 2](#).
2. Click on the Other>Crash Data tab and the following dialog box will appear:



3. Pick the Add button at the right of the dialog box to get the following dialog box:

Add/Edit Crash Data

Year

Severity **Fatal or nonfatal injury** ▼

Relation To Intersection **Unknown** ▼

Non-Intersection Related

Location

Warning: As currently implemented, the Crash Prediction Module can perform an Empirical-Bayes analysis using crash history data with the crash location specified as a single station. Support for crash history data which with a location specified as a range has been removed.

Intersection Related

Intersection Name **(none defined)** ▼

The following extended Intersection crash data attributes are used by the Intersection Review Module.

Vehicle 1 Entry Leg **(none)** ▼

Vehicle 1 Exit Leg **(none)** ▼

Vehicle 2 Entry Leg **(none)** ▼

Vehicle 2 Exit Leg **(none)** ▼

Help

Save **Cancel**

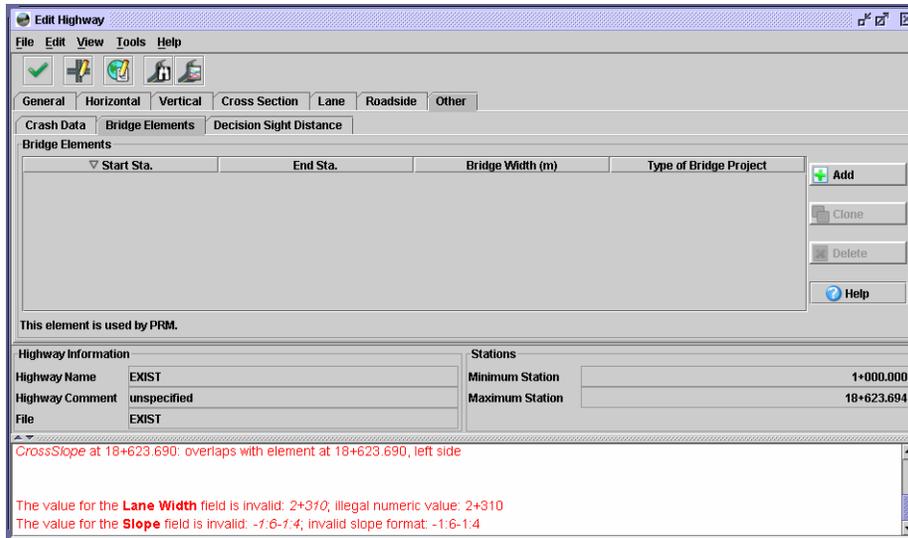
Fill in the proper information and pick Save. Notice the warning in the middle of the dialog box. All data needs to be at a single station. Additional data can be added by simply picking the Add button again.



Since most projects have a large amount of accident data to import, it is recommended that the user uses the Excel method described in Workflow 4

Workflow 2: Bridge Elements (PRM)

1. Click on the Other>Bridge Elements Tab of the Edit Highway dialog box to get the following dialog box:



2. Pick the Add button at the right of the dialog box and the Row will be populated with data fields for the Start Sta., End Sta., Bridge Width and Type of Bridge Project. Double click the Start Sta. data field to enter the station at the beginning of the bridge, tab to End Sta. to enter the station at the end of the bridge. Tab to Bridge Width to enter the width of the bridge. Use the pull down menu to choose whether the bridge is new/reconstruction or if the existing bridge will remain. To add another line, pick Add again.

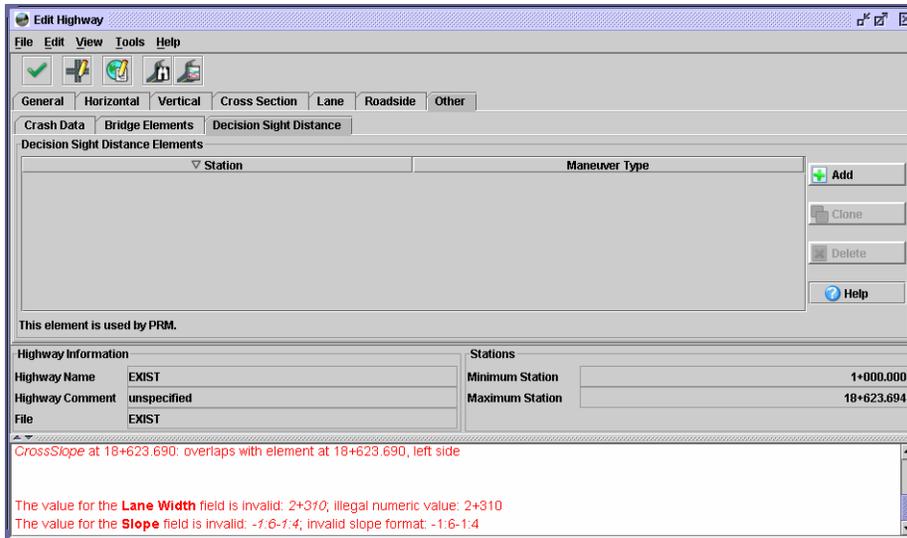
Decision Sight Distance

This tab allows the user to input locations where a stop or speed/path/direction change maneuver must be completed. The avoidance maneuver type a driver has to perform are described as follows:

- A - stop on rural road
- B – Stop on urban road (Not Supported)
- C - speed/path/direction change on rural road
- D – Speed/path/direction change on suburban road (Not Supported)
- E – Speed/path/direction change on urban road (Not Supported)

Workflow 3: Decision Sight Distance (PRM)

1. Click on the Other>Decision Sight Distance Tab of the Edit Highway dialog box to get the following dialog box:



2. Pick the Add button at the right of the dialog box and the Row will be populated with data fields for the Station and Maneuver Type. Double click the Station data field to enter the station where the reason for the decision is located. Use the pull down menu to choose either Maneuver Type A – stop (rural road) or C – speed/path/direction change (rural road). To add another line, pick Add again:

Using an Excel File

The Excel file with the correct format for importing Other Information into IHSDM is DEA.Other.xls. This file can be found in:

N:\Standards\IHSDM\

or on the CFLHD web site at the following link:

<http://www.cflhd.gov/ihsdm.cfm>

When you open this file, there is a read me worksheet and the 3 other worksheets that will be used to input all the other information. Each worksheet will describe what each variable is and what it is used for. The following workflow will describe the process for entering this information into IHSDM.

Workflow 4: Excel Input

1. Enter the correct data in the Excel spreadsheet.
2. Highlight the entered data and go to Edit>Copy.
3. Click on the General Tab of the Edit Highway dialog box.
4. Pick the corresponding tab for the data to be inserted.

5. *Move the mouse over the Add button and right click the mouse to get the following:*



6. *Choose Paste row(s). The information will be loaded into IHSDM.*



Notice that this procedure is most useful when there are more than a couple of lines of data.