

Linear Referencing System (LRS)

This section lists and describes the major linear referencing configuration and tables within the AgileAssets system. Linear referencing within the AgileAssets system requires definition of the LRMs by which events are recorded against a location in the agency's highway network. There are multiple objects that must be defined within the system to properly define a valid set of linear referencing methods. These entities are described in this chapter.

Basics about Linear Referencing can be found [here](#) (Wikipedia) or [here](#) (Esri).

For more information, see the following topics:

- [Base & Alt. LRMs Setup](#)
- [Mapping between Base and Alt. LRM](#)
 - [LRS Data Model](#)
 - [Setup_Network_Lines](#)
 - [Concurrent Locations](#)
 - [Network_Gaps](#)
 - [Network_Sections](#)
 - [Setup_Loc_Ident \(Event\)](#)
 - [Network_Lanes_Count](#)
 - [Network_Line_Directions](#)
 - [Network_Line_Lanes](#)
 - [Complex Scenario: Divided Highway](#)
- [Populating Linear Referencing System](#)
 - [LRS Buffer Tables](#)
 - [Import Data into LRS Buffer table](#)
- [Network Transaction](#)
 - [Standard Transactions](#)
 - [Retire Transactions](#)
 - [Network Transaction Window](#)
 - [General Procedure for Running Transactions](#)
- [Time-Delayed Import Tool \(TDIT\)](#)