

Transportation Data and Analysis Office

November 14, 2007

The Goal: Sharing Roadway Characteristics using GIS or Sequence Number Equivalencies

Our Transportation Information System (TIS) contains roadway data that may be useful for coding link attributes in travel demand simulation models.

The data fields include:

System, Route, Reference Points for Location

True Mileage for Distances on Trunk Highways

Ascending and Descending Number of Through Lanes

Median Type and Width for one measure of "Dividedness"

Coding for Type:

- NA, Unknown
- Raised Median, no barrier
- Depressed Median, no barrier
- Plate beam barrier
- City Block
- Box beam barrier
- Concrete barrier
- Raised Median, Chain link barrier
- Depressed Median, Chain link barrier

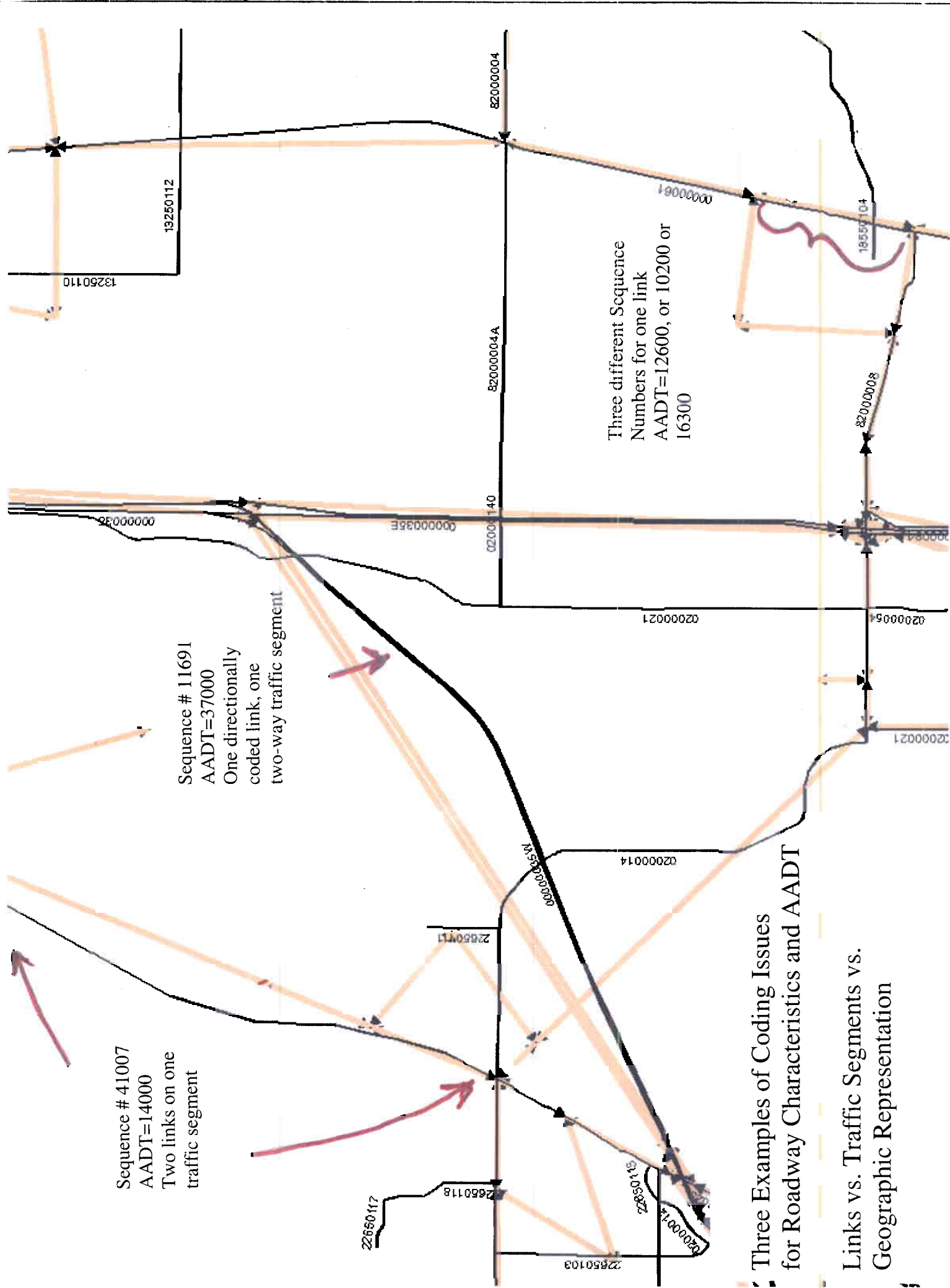
Coding for Width

- NA, Unknown
- Varies
- 'Actual' Number of Feet Wide

Effective Date for a measure of Applicability

Traffic Segment Identifier – Sequence Number can be used to recover AADT values and, indirectly, roadway attributes.

* How best to share this data, and what would you want, and how often?



Sequence # 41007
 AADT=14000
 Two links on one
 traffic segment

Sequence # 11691
 AADT=37000
 One directionally
 coded link, one
 two-way traffic segment

Three different Sequence
 Numbers for one link
 AADT=12600, or 10200 or
 16300

Three Examples of Coding Issues for Roadway Characteristics and AADT Links vs. Traffic Segments vs. Geographic Representation