

# Arizona's Traffic Data Repository

GIS-T 2003 Colorado Springs

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Session 2.3.2 9:45am

# Beginnings

- 1999/2000 – most Local agency counting program results were non-existent, or weren't making it into HPMS.
- Metadata – Raw values being supplied we're void of knowledge on how to factor to be come AADT.

# GIS Solution

- Traffic count is a “point event” but resting place in HPMS is a “linear event”.
- Need for a GIS model to store the “point” with attributes – ultimately apply to “linear” record.

# Repository

- Central holding point where all traffic data users can track current counting activity and results.
- Began as an ArcView 3.x for inside of Arizona's Linear Referencing System tools (LRS Tools) for ArcView.
- Arrived on Internet in early 2002.

# Web Version Demo

- Pick a Location
- Supply summary attributes
- Attach an image (or ASCII) of the results sheet
- Write to central database
- Option to apply seasonal and axle factors
- Handy for planning a count effort
- Points available to users following an X,Y conversion to shape

# Outcome

- Most counts still entered using ArcView – over 5000 to date
- Largest contractor abides by standard
- Vision provided by Internet example has encouraged local agency's to participate with their own funds.
- Better information for planning.

# Benefits

- Many agencies don't simply file their results in the file drawer anymore.
- Model has been a catalyst for other local agencies to begin counting traffic.
- Providers benefit from decrease in user requests for data.
- Standardization blooming as bigger agencies adopt compatible spec's.



# Questions?

- Thank You
- Visit [www.azhighwaydata.com](http://www.azhighwaydata.com)
- Access Traffic Counts from “Maps” on HPMS page
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