

Arizona's HPMS Editing on the W W W

GIS-T 2003 Colorado Springs

Wednesday March 19

Session 8.4.2 1:45pm

Beginnings

- 1998 – first time HPMS edits were made by local entities in ArcView 3.x.
- HPMS Tools for ArcView gave local governments access to the records for the first time, allowing 2-way data flow.

Early Benefits

- Transactions to data elements increased, as electronic editing by “local knowledge resource” provided direct electronic input.
- For the first time, update staff were addressing changes to non-sample panels in quantity.

Shortcomings?

- ArcView requirement kept many agencies from doing their own updates
- Issues like “road ownership” were disputable due to each agency reviewing a disconnected database.
- Certified Public mileage by agency wasn't possible to summarize.

Web Version Demo

- Produce a Certified Public Mileage Report
- Print in any of several formats/sorts for review and mark-up
- Link to map to confirm record spatially
- From map, access other up-to-date GIS layers
- Click on “Universe” record hyperlink to access ASP formats
- Login and Edit records
- Access HPMS Field Manual help
- Review Transaction Log

Outcome

- Every agency now has easy access to HPMS via web
- CY2001 Transactions to 10,000 records exceeded 47,000
- State is receiving HPMS updates from everybody, even though many of them are paper format.

Benefits

- Every agency now knows the public mileage figure is which ADOT reports.
- HPMS is more representative
- Appended data fields conform to needs of local agents not otherwise met by HPMS.
- Many agencies are opting to break up records for link by link knowledge
- Edits made throughout the year
- Better transportation planning decisions

Questions?

- Thank You
- Visit www.azhighwaydata.com
- Access HPMS page (get CD from me)
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