ITS Architecture Use & Maintenance

Elise Kapphahn, P.E.

MDOT ITS Program Office

MDOT Statewide Structure
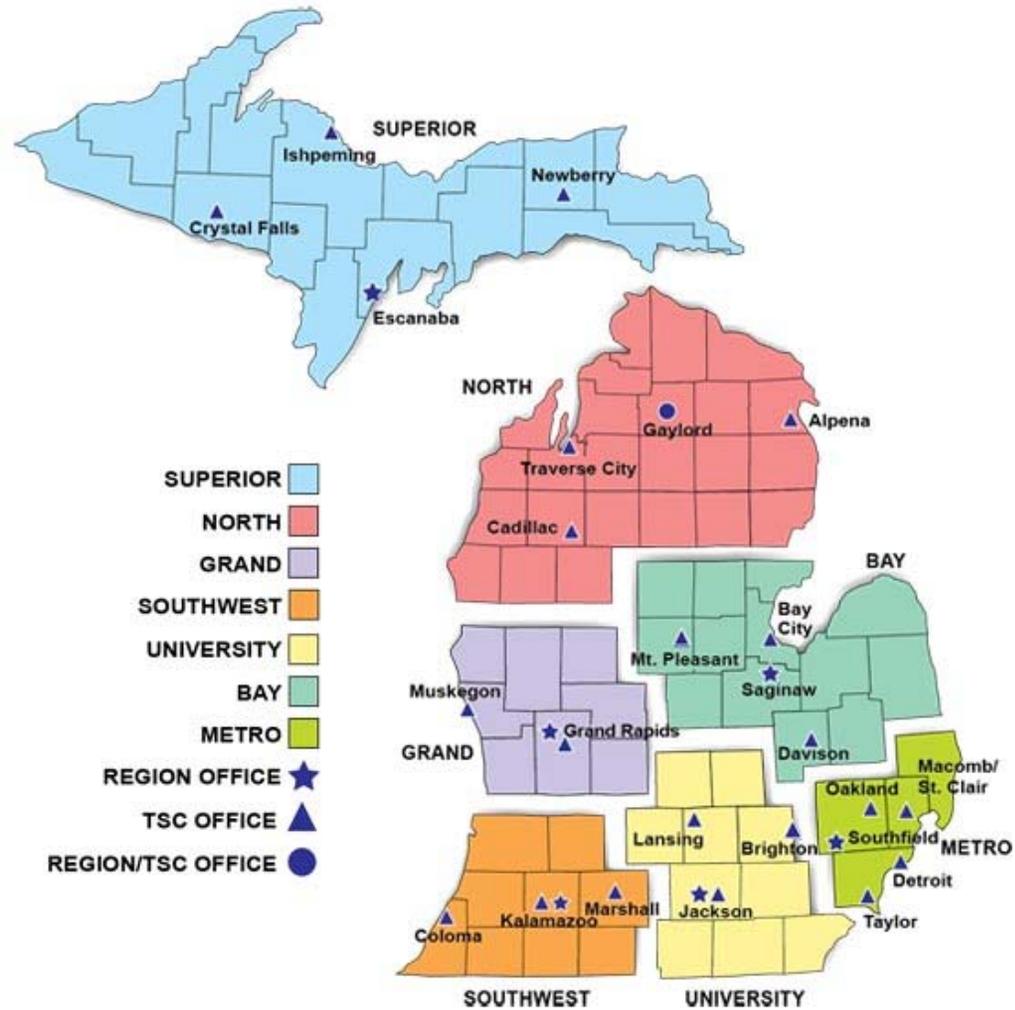
MDOT Regional/MPO Breakdown
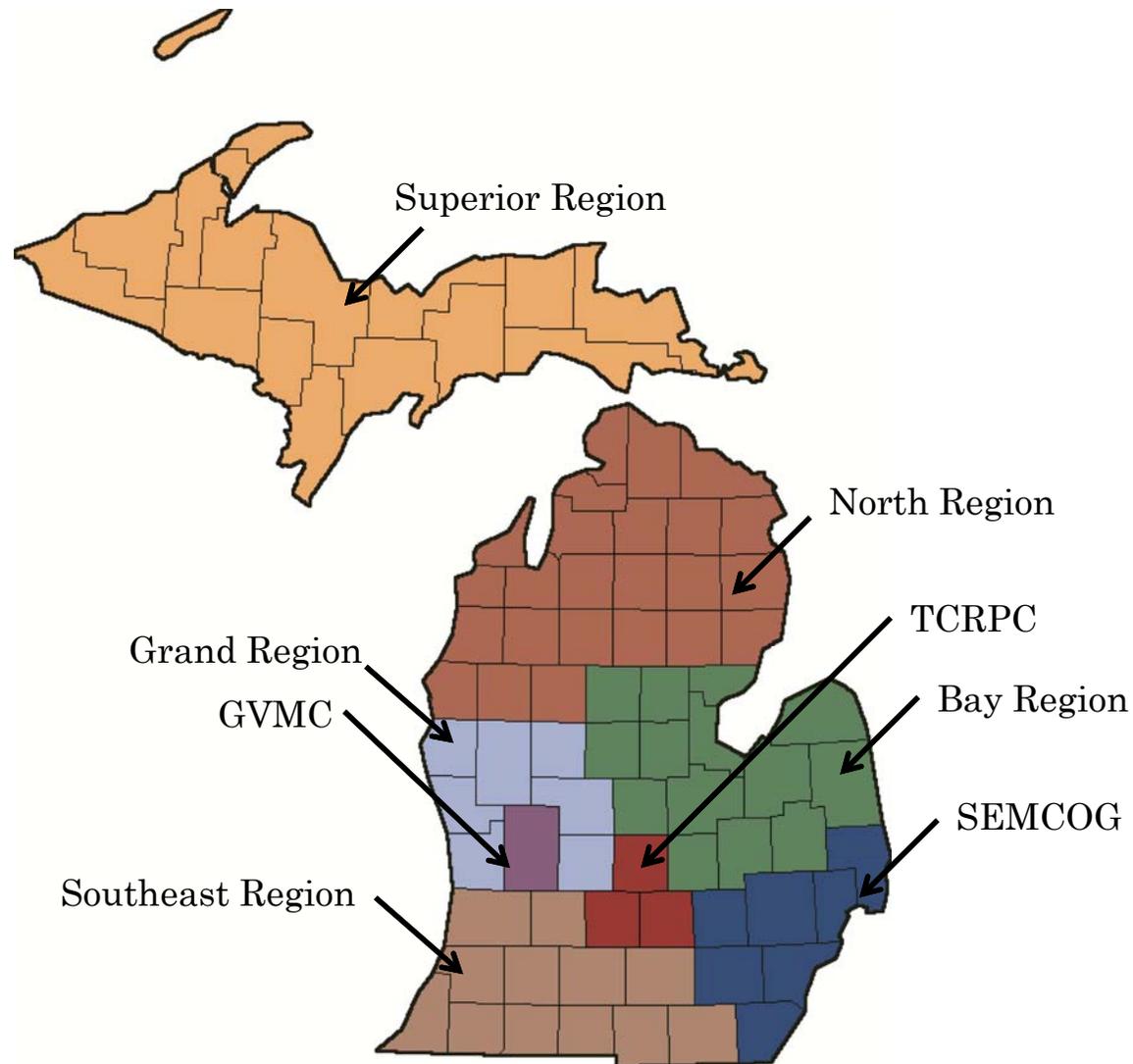
ITS ARCHITECTURE

- Regional and statewide architecture and deployment plans
  - Bay Region
  - Grand Region
  - GVMC Architecture & Deployment Plan
  - North Region
  - SEMCOG including Livingston County
  - Southwest/University Region except Livingston County
  - Statewide Architecture & Deployment Plan
  - Superior Region
  - TCRPC Architecture & Deployment Plan
- Available on www.michigan.gov/its under Documents tab

ITS Architecture Maintenance

- Form 2560 completed for all projects

EXAMPLE OF STEPS TAKEN

- Region fills out Form 2560 thru **Conformance to Regional ITS Architecture**

- http://apps.mdot.state.mi.us/interchange/forms/pdfforms/2560.pdf
  - Does conform
    - Region sends Form 2560 to ITS Program Office representative (Elise Kapphahn)
    - ITS Program Office sends form and letter documenting conformance to:
      - FHWA
      - Regional Contact
        - Original sender
      - MPO Representative if applicable
        - SEMCOG
        - TCRPC
        - GVMC
      - Retain a copy for Program Office records

EXAMPLE OF STEPS TAKEN

- Does NOT conform ->
  - Fill out rest of form documenting **CHANGE INFORMATION including: Describe Requested Change; If the Proposed Change Impacts any Market packages, list those market packages; If the Proposed Change Affects Any Stakeholders; List those Stakeholders; If coordination with impacted stakeholders has occurred, Describe the Results** if applicable
  - ITS Program Office reviews form
    - Approve and sign form if filled out correctly
    - If form not filled out correctly resend to Regional Contact
  - ITS Program Office sends form and letter documenting conformance to:
    - FHWA
    - Regional Contact
      - Original sender
    - MPO Representative if applicable
      - SEMCOG
      - TCRPC
      - GVMC
  - Retain a copy for Program Office records
- ITS Program Office documents conformance and non-conformance for next ITS Architecture Turbo Database update

ARCHITECTURE ADMINISTRATIVE UPDATE

- Relatively low cost short term project
- Being done in collaboration with Kimley-Horn
- Performing administrative updates to the majority of regional architectures
- Goal is to have true conformance between all architectures and be able to update all together in the future.
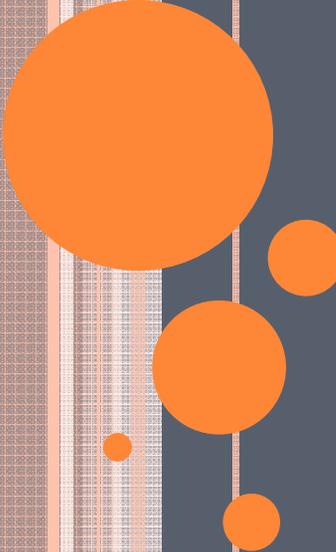
QUESTIONS?

Elise Kapphahn, P.E

kapphahne@michigan.gov

517-636-0036