UGPTI COUNTY ASSET INVENTORY TOOLKIT

Steering Committee Webinar
GRIT1.0

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9/29/15
Today’s Agenda

• Steering Committee Workshops
• Changes based on Workshop input
  • Specific layer and data changes
  • Other general tool improvements
  • General comments on data entry
• Demonstration with new version
• Schedule for full rollout and data entry
• Questions/Comments
Local Roads Asset Inventory Toolkit

• UGPTI Advisory Council Advanced the Concept of Road and Bridge Asset Management Tool Development

• 2015 Legislature Appropriated Funds for an Asset Management Initiative.
  – Intended to focus on providing tools for local governments to preserve and maintain roads and bridges.
Local Roads Asset Inventory Toolkit

• Initial Steps:
  – Establish an Advisory Group of County Representatives.
    • Try to get regional representation
    • Ask NDACO to participate as well
  – Focus on building data inventory important to county road managers
    • Build so it links to on-line mapping built for past study
Steering Team

- Sharon Lipsh - Walsh
- Shirley Murray - Sheridan
- Dana Larsen - Ward
- Ken Miller - Mercer / James Grey - McLean
- Todd Miller - Stark
- Tom Soucy - Cass
- Jana Heberlie – Mountrail
- Kevin Fieldsend - Ramsey
- Dan Schriock - Burleigh
- Tyler Michel - Stutsman
Steering Committee Meetings

- Cass/Stutsman – Sept 29
- Burleigh/Stark/Tribal/NDACO – Oct 5
- Walsh/Ramey – Oct 7
- McLean/Sheridan – Oct 13
- Ward/Mountrail – Oct 14
Steering Committee Additions

• Changes to Inventory Layer
  – Added Edgeline Treatments to X Section Tab
  – Added Composite Surfaces
  – Slough Ratio added
  – Multiple Base Layer information (TB and BB)
  – Added gravel and base treatments
  – Updated the drop down lists
Steering Committee Additions

• Changes to Maintenance Layer
  – Dynamic with surface type
  – Dialogue for Contractor or County Forces work
  – Cost per mile defined
  – LF/SF per mile added
  – “Seal Coat” changed to “Surface Treatment”

• Changes to Minor Structures
  – Added inlet and outlet points
  – Added cost for structure replacement
Other Program Additions

- Save reminder dialogue added
- After each save, Continue dialogue added
- Segment Description Box added
- Street View controls moved to visible portion of screen
- Can now snap to measure tool and other points at any time.
General comments on data input

• **Accuracy** – 10 feet +
• **Plans or no Plans** – best available data
• **Data conversion from existing data**
  – If construction segment data shapefile available - yes
• **Maintenance data** – Summary for year
• **Which roads should we inventory?**
  – All paved roads County or Township –
    • Initial data - type, year, depth, shoulder, cost, ownership
  – Gravel roads - County only for now
  – Unorganized Townships – probably just major roads or CMC
Demonstration of Final Ver. 1
GRIT

NDSU Geographic Roadway Inventory Tool

Brad Wentz
Schedule

• Rollout to all Counties
  – Webinar December 1\textsuperscript{st} with all
  – December 2\textsuperscript{nd} rollout email

• Data Entry
  – Complete paved roads with Construction information by Mid-February 2016
Questions/Comments