


SDV Pilot 2 Training

Nov 30 – Dec 1, 2010


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AGENDA

- SDV Pilot 1 Introduction (John Padgett) 10 mins
 - Introduction of SDV team and Pilot 2 participants
 - Verify readiness
 - Key activities and dates
 - New wrinkles for Pilot 2
 - SDV Pilot 2 schedule "at a glance"
 - SDV Pilot 2 expectations
- Collecting Feedback for SDV Pilot 2 (Sarah Wray) 10 mins
 - Participant survey
 - Ongoing, informal feedback
 - Analyzing and summarizing feedback

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AGENDA *cont'd*

- SDV Pilot 2 Overview and Training (Cathy Cole) 60 mins
 - Upfront expectations
 - Overview of SDV Pilot 2
- Q&A 10 mins

(Note: Team will be on-hand for additional 30 minutes to answer questions, as needed)

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SDV Pilot 2 Participants

- Formal Participants: **38**
- Informal Participants: **23**
 - Including Alex Rickard representing RPOs/MPOs
- Total Participants: **61**

These are really good numbers for Pilot 2. We're doubling the involvement from Pilot 1.

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SDV Pilot 2 Team


- List of SDV P2 Participants in Appendix of training materials
- SDV Pilot Training and Feedback Team
 - **John Farley**, GIS Unit Manager
 - **Cindy McCleary**, Business analyst and SDV training support
 - **John Padgett**, SDV project manager
 - **Sarah Wray**, SDV business and data analyst
 - **Cathy Cole**, SDV Training specialist, SDV SME
 - **Elizabeth Roman**, SDV tool development, testing, design / review and QC of Resource Center, SDV help development
 - **Mike Schoen**, SDV help development, testing and QC
 - **Sean Tucker**, SDV performance analysis and testing

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Verify Readiness

- Verify status of participants
 - SDV Pilot 2 configuration on desktop
 - ✓ SDV Pilot 2 configuration installed and loaded successfully?
 - ✓ Functioning well?
 - ✓ Any outstanding help desk tickets?
 - ✓ Any other issues or concerns?



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Key Activities and Dates

- Outline of key activities and dates
 - Training options 11/30 or 12/1
 - SDV Pilot 2 officially begins TODAY
 - Pilot 2 ends December 14th
 - SDV Pilot 2 configuration will no longer be available as of 12/22
 - Pilot 2 summary presentation to SDV Working Group to be given 1/19/2011
 - SDV 1.0 "Go Live" scheduled for **2/28/2011**

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New for Pilot 2

- Identifying an **SDV Focus Group** to provide feedback on ribbon look and feel
 - Will have 7-8 participants review and discuss ribbon design to gain feedback on user preferences
 - Meeting on Tuesday 12/7 from 10:00 a.m. to 11:30 a.m. at NHC (CR 150)
- For SDV Pilot 2, will conduct an **SDV Performance Test** on 12/15, the day after P2 ends
 - Will include 5 experienced SDV users to exercise the system during a 2-hour window
 - Users will be in different locations

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Pilot 2 Schedule

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Pilot 2 Expectations

- Goal is for formal participants to invest 25-30 hours into SDV Pilot 2
 - Includes training, feedback and related activities
- Communicate with and involve your colleagues in Pilot 2
 - Carry the SDV message

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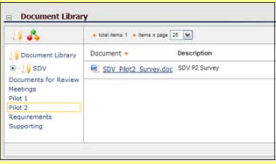
SDV Pilot 2 Feedback Sarah Wray

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SDV Pilot 2: Participant Survey

- SDV Pilot 2 participant survey
 - Where is it?
 - In your handouts today
 - On the SDV portal site document library



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SDV Pilot 2: Participant Survey

- SDV Pilot 2 participant survey
 - When is it due?
 - Anytime during the pilot after you have finished your review
 - All surveys must be turned in by **December 17, 2010**
 - Where do I send it?
 - Email to: SDVPilot@ncdot.gov
 - Fax to: 919-707-2210
 - MSC# 1521
 - Cindy McCleary's inbox



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SDV Pilot 2 Ongoing Feedback

- Ways to provide ongoing feedback
 - E-Mail address SDVPilot@ncdot.gov
 - Resource Center "Contact Us" form
 - SDV "walk-arounds"
- Focus Group – Ribbon design
 - Specialized group to focus on SDV ribbon configuration
- Kinds of feedback
 - Recommended improvements
 - Any issues found with the data, tools, and resource center
 - System issues
 - Things that work well

Feedback and Questions

To provide comments or suggestions on the software, please complete the form below. All comments are treated as confidential.

Name:

Area:

Type of Feedback:

Comments, Suggestions, Questions:



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Analyzing and Summarizing Feedback

- Feedback Summary
 - Collect / consolidate Surveys
 - Collect / consolidate feedback emails
 - Analyze and report to the pilot team and the SDV working group
- Schedule
 - Surveys Due **December 17, 2010**
 - Report to SDV Working group **January 19, 2010**





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SDV Pilot 2 Training Presentation




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Training Overview

- Upgrades:
 - We listened to your comments and suggestions from Pilot 1
- Materials:
 - Training PowerPoint
 - Resource material information
 - Your time and expertise
- Three goals for SDV Pilot 2 training:
 - FACILITATE
 - FUNCTIONALITY
 - FEEDBACK




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SDV Pilot 2 Training

- SDV Pilot 2 Training Outline
 - Introduction to SDV
 - Display Window
 - Contents Window
 - Ribbons
 - ArcExplorer button
 - Map Groups
 - Tools
 - SDV Resource Center
 - Scenario



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SDV Pilot 2 Training

- Display Window
- Contents Window

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SDV Pilot 2 Training

- SDV Ribbon

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SDV Pilot 2 Training

SDV Pilot 2 Tabs

- Home Tab
- Map Group
 - NC Add Map Services
 - » Add SDV map services to the Contents Window
 - Add Content
 - » ArcGIS online, layers, Map Content files, KML files, GIS Services, shapefiles, raster data, Geodatabase, text files, GPS data, Image overlays
 - Basemap
 - » NCDOT, ESRI's World Topo, Bing, My Basemap
 - Manage Layers
 - » Change layer position, remove, clear cache

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SDV Pilot 2 Training

NC Add Map Services - 45

Basemaps

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SDV Pilot 2 Resource Center

SDV Help

- SDV Resource Center
- Hover over tool for description
- ? Icon on ribbon
- F1 button

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SDV Pilot 2 Training

- Home Tab**
- Navigation Group**
 - NC Zoom To
 - State, Division, County, City, Community, Street
 - View
 - Create a view of map to return to
- SDV Resource Center
<http://qisq01.dot.nc.net/SDVResourceCenter/Glossary.aspx>

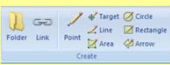
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SDV Pilot 2 Training

- Home Tab
- Create Group
 - Folder
 - Link
 - Point
 - Target
 - Line
 - Circle
 - Rectangle
 - Area
- SDV Resource Center
<http://gis01.dot.nc.net/SDVResourceCenter/Notes.aspx>

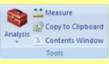


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SDV Pilot 2 Training

- Home Tab
 - Tools Group
 - Analysis
 - Measure
 - Copy to Clipboard
 - Contents Window
- SDV Resource Center
<http://gis01.dot.nc.net/SDVResourceCenter/MeasureToolHighlights.aspx>


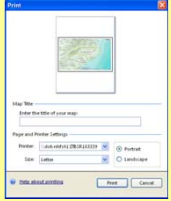


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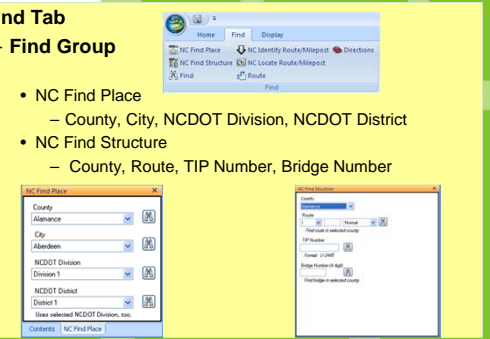
- Home Tab
 - Print Group
 - Custom Print
 - Map title, border, North Arrow
 - Print
 - Map title, printer, size, orientation

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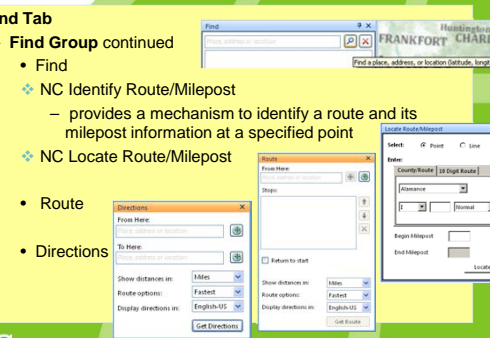
- Find Tab**
 - Find Group**
 - NC Find Place
 - County, City, NCDOT Division, NCDOT District
 - NC Find Structure
 - County, Route, TIP Number, Bridge Number



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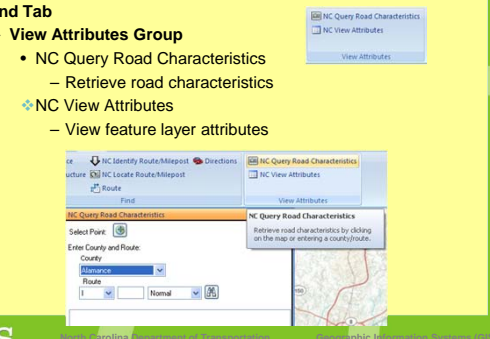
- Find Tab**
 - Find Group continued**
 - Find
 - NC Identify Route/Milepost
 - provides a mechanism to identify a route and its milepost information at a specified point
 - NC Locate Route/Milepost
 - Route
 - Directions



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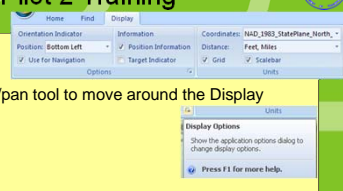

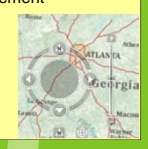
- Find Tab**
 - View Attributes Group**
 - NC Query Road Characteristics
 - Retrieve road characteristics
 - NC View Attributes
 - View feature layer attributes



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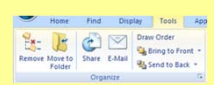

- **Display Tab**
 - **Options Group**
 - Orients the zoom/pan tool to move around the Display Window
 - **Units Group**
 - Select coordinate system, units of measurement
 - Select Grid, Scalebar

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- **Tools Tab**
 - Visible when Layers or Notes are selected in Contents Window
 - **Organize Group**
 - Remove
 - Move to Folder
 - Share
 - E-Mail
 - Draw Order
 - Bring to Front, Send to Back

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- **Tools Tab**
 - **View Group**
 - Go To
 - Zooms to selected content layer
 - Set Default View
 - Bookmarks the map
 - Show Legend
 - Shows features of selected content layer

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- **Tools Tab**
 - **Effects Group**
 - **Transparency**
 - For selected layer
 - **Enhance**
 - For image
 - **Swipe**
 - For selected layer

Transparency
Change the transparency of the selected item(s) to allow you to see more or less of the underlying data.
Move the slider bar to adjust the transparency; the higher the percentage, the more transparent the item.
Press F1 for more help.

Transparency Enhance Swipe
Effects

Enhance
Change brightness, contrast and Gamma correction of imagery data.

Swipe
Use your mouse to pull back the selected item(s) on the map to reveal what's underneath.


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- **ToolsTab**
 - **Query Group**
 - To query a selected layer from the Contents Window
 - Access SDV Resource Center for Help

Query




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- **Appearance Tab**
 - **Popup Group**
 - Provides information about item selected
 - **Transparency Group**
 - **Display Range Group**

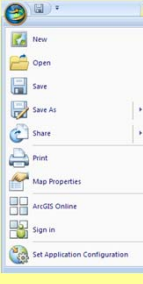


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- ArcGIS Explorer Button
 - New
 - Open
 - Save
 - Save As
 - ArcExplorer Map, My Default Map, New Basemap
 - Share
 - Upload ArcGIS Online, E-mail map, E-mail view
 - Print



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SDV Pilot 2 Training

FACILITATE

- Measure
- Access NC and NCDOT data
- Share information

FUNCTIONALITY

- More NC map services
- More NC tools
- SDV Resource Center

FEEDBACK

- Your feedback is critical

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Collapsed Bridge Scenario

November 30, December 1, 2010



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Find Davidson County

1. Click Find tab
2. Click NC Find Place
3. From the County drop down list choose Davidson County
4. Click the search button

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- County is located, now zoom in

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1. Click Home tab
2. Click Contents Window (there are 2 ways to get there)
3. Check the Find County: Davidson option box
4. Right click on Find County: Davidson
5. Click "Go to"
6. Or Double Click Find County: Davidson
7. SDV zooms in to county

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Change Basemap

1. Click Home tab
2. Click Basemap button
3. Click ESRI World Imagery

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Measure Collapsed Bridge

1. Click Home tab
2. Click Measure tool
3. Click the first button for length and the middle button to measure area and select unit of measurement
4. Click, draw line, then double click to finish
5. Measured area gets hi-lighted

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Measure Collapsed Bridge

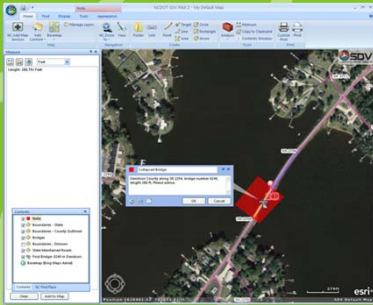
1. Click Home tab
2. Click Measure tool
3. Click the first button for length and the middle button to measure area and select unit of measurement
4. Click, draw line, then double click to finish
5. Measured area gets hi-lighted

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Create a Note

1. Click Home tab
2. Click Area notes button
3. Click on the map to outline the area of concern
4. Finish the area by double clicking
5. Add information to the note window

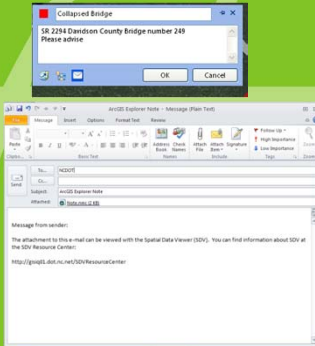


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Sending E-Mail Options

1. Click E-Mail icon on note
2. ArcGIS Explorer button
3. Click Share
 - E-mail Map sends a map package, others will need the same access to the data
 - E-mail View sends a jpg
 - You can also right click the mouse and select Share option




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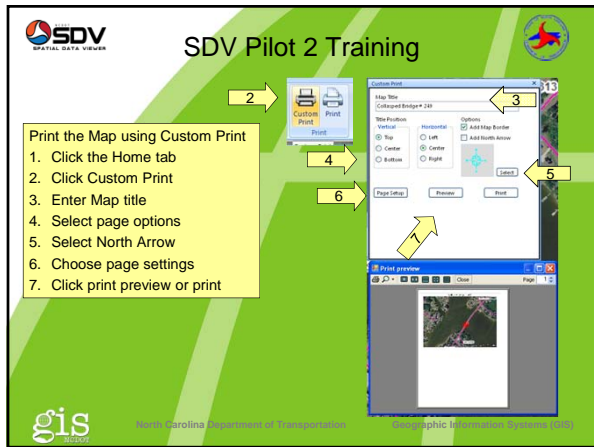
Add Content – External Data

1. Click Home tab
2. Click Add Content dropdown
3. Select File type and path



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Questions?

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Thank you!

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Appendix

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SDV Working Group

Revised 11/22/2010

Core Members of SDV Working Group

Alpesh Patel, SDWG Chair, SDV Bus. Owner
John Padgett, GIS Unit, SDV Project Manager
Brian Mayhew, Traffic Safety Systems
Brian Padfield, TIP
Cary Clemmons, Structure Inventory & Appraisal
Daniel Keel, Operations
Don Early, Photogrammetry
James Tortorella, PD&EA
Jonathan Arnold, SRMU
Neil Mastin, PMU
Elena Talenker, TPB
Stephen Piotrowski, Traffic Survey Group
Ted Walls, Roadway Design
Mark Tyler, Governance Office Director
William Beatty, FHWA

WG Alternates and/or Meeting Attendees

Krishna Mandapaka, DOT PMO
Maggie Thomas, DOT PMO Director
Michael Davis, BSIP
Aurea Hernandez, Governance office (ALT)
James McInnis, PD&EA (ALT)
John Farley, GIS Manager
Brian Murphy, Traffic Safety Unit
Robert McKittrick, GIS Unit
Jill Stewart, BSIP
Travis Marshall, TPB (ALT)
Sarah Wray, GIS Unit
Jun Wu, GIS Unit



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