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# WEBINAR 12/22/22 Starts 9am

Location	Feature Type		Length	Width	Description	
1+00	French Mattress	+	150	40		8
4+00	French Mattress	-	50	40		8
3+00	Crosspipe - New		40	15		1

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e Plan Features



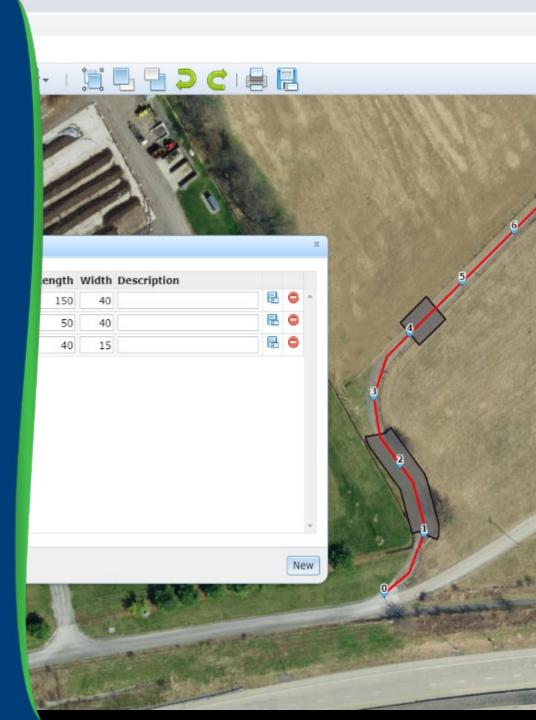
## <u>Purpose</u>

# Provide an overview and update on incorporating project sketch capability into DGLVR GIS

# Allow input and feedback from CDs







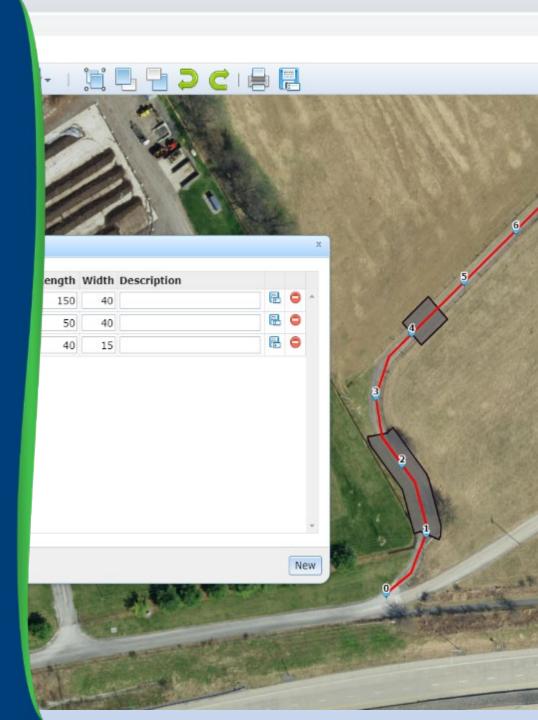
• Background and Status

• Demonstration

• Moving Forward









#### **Project Sketches**

- Show location of project deliverables such as pipes, turnouts, DSA, etc.
- Required as part of workplan, become part of contract.
- Most still done by hand:
  - Some fancy...

Center fay Dist and Grayet Read Studies
Any Mountain Road Diff and Gravel Road Project 2014 Every Township, Your County Sketch AMRI Not to Scale
- Install three New pipes (15" Block Prostic SmoothBore) - 03+52 and replace two pipes (18" Block Plantic SmoothBore) BPSZ pipe
- Install Headwalls + Endualls on all pipes
<ul> <li>(1/2" of fail per I' road width)</li> <li>- Paver place DSA to a uniform loose depth of 6"</li> <li>to 16 wide Reflect Center-crown built wite base. Compact with vibertory roller (minutum 10 ton).</li> <li>- Keep pipes as shullow as practical and ensure.</li> </ul>
- Keep pipes as shullow as practical and ensure a minimum of 23 fall from inlet to cutlet.
- Stabilize areas of padsiale disturbance with Confractor mix grass seed + muleh Materials Estimate:
- 18" Dia. Smooth Boie Pipe - 60° C 8.504 = \$510.00 - 15" Dia Smooth Bore Pipe - 100° C 7.994 = \$700.00 - Priving Surface Aggregate - 740 tone parce placed + compacted)13+16
- 2RC Aggregate - 45 tons (approx 2 tri-axte loads) - 2RC Aggregate - 45 tons (approx 2 tri-axte loads) - Grass Secol + Strow Molch = #61.00 - Dimensional Well Stone - 2 pallets = #300:00
2 Å @ 1200/ton = 41,320.00 DSA @#2209/ton = 16,2800015+42 Existing pipe 2RC@ 1109/ton = 44950015+42 Existing pipe Total Materials Estimate = # 19666.00



## **Project Sketches**

- Show location of project deliverables such as pipes, turnouts, DSA, etc.
- Required as part of workplan, become part of contract.
- Most still done by hand:
  - Some fancy...
  - Some not...

-
Smith Rood
OSA - 3,500'



## **2022 Workshop Session**

- Several Counties and CDGRS staff shared tools they use to create workplans
  - Aerial images, text and graphics in word/ppt
  - Other software
- Good discussion and feedback on possibilities to incorporate into DGLVR GIS system





### **Since Workshop**

- CDGRS has been working with programmer to develop project sketch capability
  - Draw on map to scale
  - Include stationing
  - <u>Standardized practices</u> (pipe, mattress, etc)
  - Can print and attach to grant app

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#### **Demonstration Today**

- Basics are working.
- Still rough and in test mode:
  - Not available to CDs yet
  - There will likely be glitches during demo.
- Will be looking for feedback, ideas, and eventually a few "testers".

DEMO

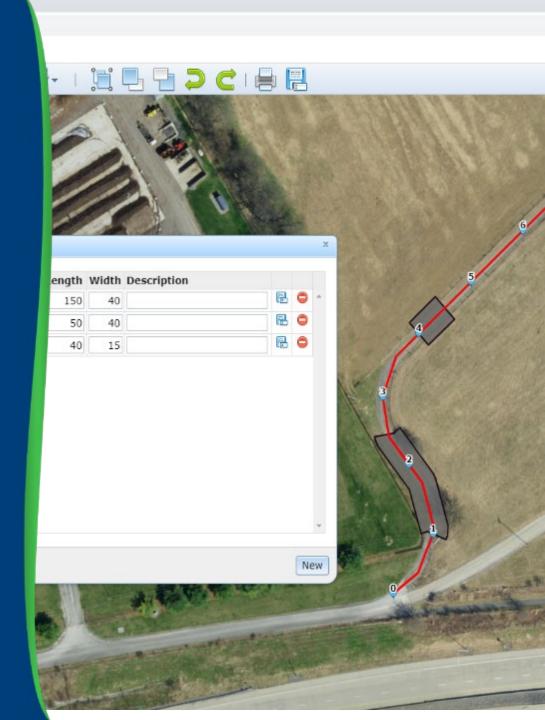
• Background and Status

• **Demonstration** 

• Moving Forward







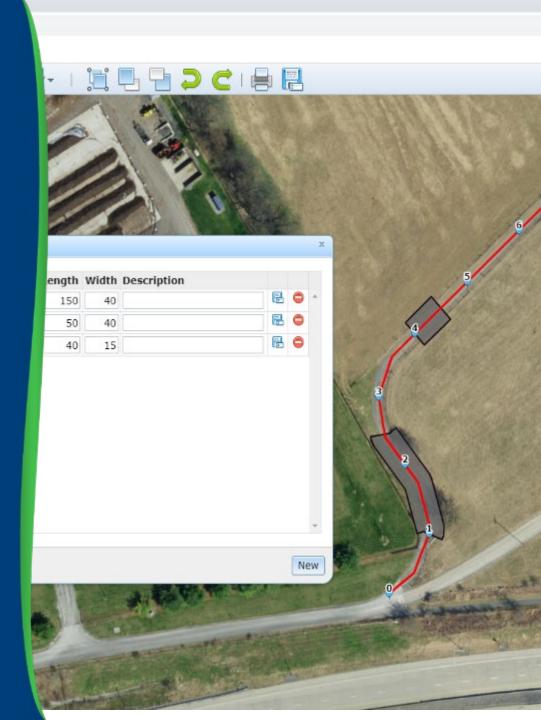
• Background and Status

• Demonstration

• Moving Forward









#### **Moving Forward**

- Use of GIS project sketch will not be required, but available as a tool.
- Can print out plans, attach to grant application.
- Plans can be saved and "tweaked" to create "as-builts" or reflect project changes.
- Will eventually be available to applicants (via public viewer).



#### **Moving Forward**

- Still in development mode. Potential Timeline:
  - January: complete initial programming, look for CD "testers"
  - **February:** continue testing and programming
  - March: Potentially "go live" for all CDs to use



#### **Poll Question**

## Polls are limited to multiple choice, so Please put in the Chat:

- Any recommendations or comments based on the demo you saw
- Your name and e-mail if you would like to help with testing in January. -Only volunteer if you will actually have the time to put into it.