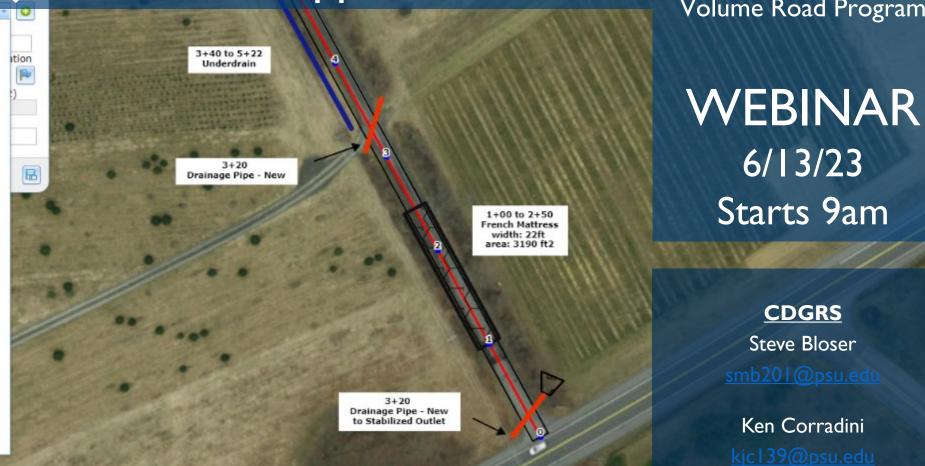
GIS Project Sketcher Application

Dirt Gravel and Low Volume Road Program

Bank Stabilization Ditch - Armored Ditch - Reshape Ditch - Rock Lined Diversion Swale Drainage Pipe - Existing Drainage Pipe - New Drainage Pipe - Replace Drop Inlet French Mattress Geotextile - Fabric Geotextile - Grid - Cell Grade Break - BBDip Headwall Endwall Infiltration Feature Misc - Line Misc - Point Misc - Polygon Outlet Protection Pavement - Sealed Surface Road Fill Storm Water Basin Stream Crossing - Existing Stream Crossing - Replace Turnout Underdrain

Select a site plan



Mike Anderson: Spatial IT

CDGRS



If you are reading this, then you are successfully seeing the webinar video. Webinar audio should be automatic through your computer (or click "join audio"), and options can be accessed in the "audio options" button on the bottom left. If your computer audio is not working, you can listen on your phone by dialing 312-626-6799.

<u>Purpose</u>

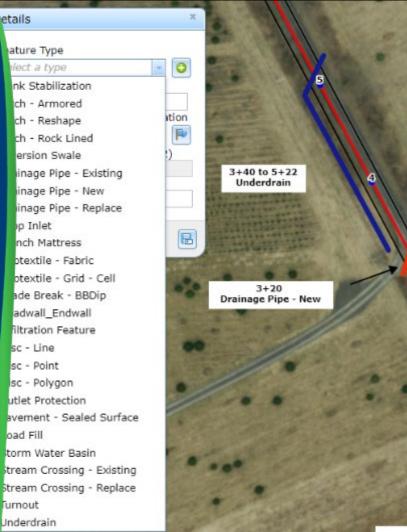
Mini-training and walkthrough of Project Sketcher App

Sketcher is now available to CDs

Still want feedback







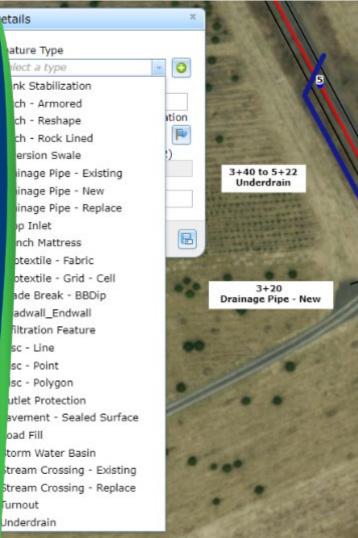
• Background and Status

• 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
 (1/2" of fail per I' road width) - Paver place DSA to a uniform loose depth of 6" to 16 wide Reflect Center-crown built wite base. Compact with vibertory roller (minutum 10 ton). - Keep pipes as shullow as practical and ensure.
- 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



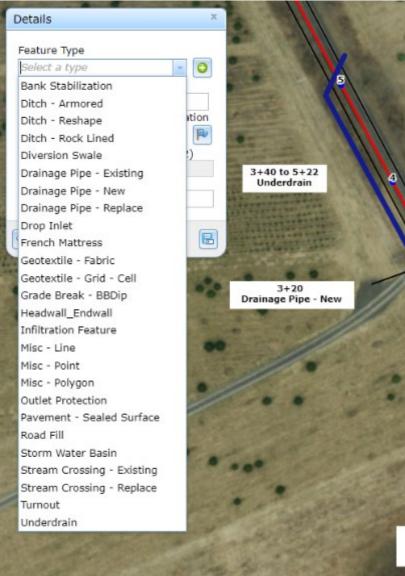
Since Workshop

- CDGRS has been working with programmer to develop application
- Small "testing group" established, met several times, given access to program
- Today: available for all CDs

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Select a type	- 0	· ///	
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Ditch - Reshape	ation	there !!!	1.6
Ditch - Rock Lined		Comment 18	
Diversion Swale)	and the second s	
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Turnout	and a	the the shall be	
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Since Workshop

- CDGRS has been working with programmer to develop application
- Small "testing group" established, met several times, given access to program
- Today: available for all CDs
- Note: Sketcher is at about 90% complete, we still want feedback



Since Workshop

- <u>Separate App from "GIS Mapper"</u>
 - Login through CDGRS website
 - Separate App reduces clutter in mapper
 - Separate App did not risk adding glitches to financial tracking system

Details	×
Feature Type	- 1
Select a type	
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Turnout	per the King Sull
Underdrain	and Participa

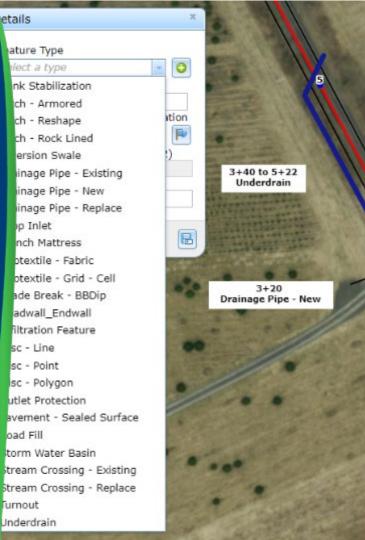
• Background and Status

• **Demonstration**

• Moving Forward







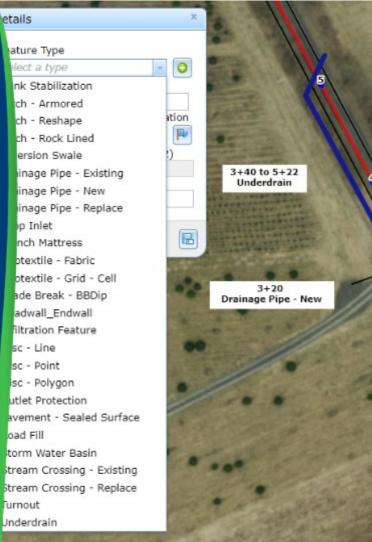
• Background and Status

• Demonstration

Moving Forward









Moving Forward

- Use of GIS project sketch will <u>not</u> 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).

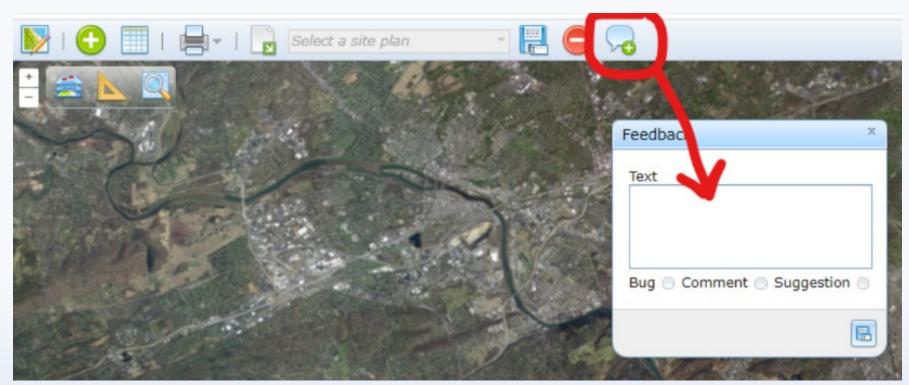


Moving Forward

- <u>Please start using, but understand we are still refining.</u>
- Give us feedback on glitches or suggestions
- Thing we are still working on or planning:
 - Printing: working but we are still refining
 - Additional "bells and whistles"
 - Tie sketches back to projects in GIS?
 - Potentially adding ability to add Tech Bulletins and other info
- Public version available once we iron out more kinks.



Don't forget the feedback button



Don't just say "I broke it"

- Try to repeat the error
- Give as much detail as possible

Happy Mapping!