

Dirt, Gravel, and
Low Volume
Road (DGLVR)
Program
2/28/2023

How to Fill out the Grant Application

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 646-876-9923.

SCC
Sherri Law
shlaw@pa.gov



This webinar is being recorded

Please enter questions in the “Q&A” Feature

We will answer all questions at the end

- **DGLVR Program Introduction**
- Eligibility for DGLVR Grant funds
- Filling out the Grant Application
 - Page 1
 - Location map
 - Project sketch
 - Cost estimate
 - Attachments
- What to do if you need help

The image shows two overlapping grant application forms. The top form is titled "Attachment A: DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE GRANT APPLICATION" and is a "SECTION 9105 OF THE PENNSYLVANIA VEHICLE CODE" form. It includes fields for "Project Location County", "Project Location Municipality", "ES&J Chief of Police", "Local Name of Applying Agency", "Mailing Address", "City", "State", "County", "Road Name (If Number)", "Proposed Project Start Date", and "Proposed Project Completion Date". It also has a "Where Use Only" section with "Application Type" (DIRT, LVR) and "Funded Site ID". The bottom form is titled "Attachment B: DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE PROJECT WORK PLAN" and is a "SECTION 9105 OF THE PENNSYLVANIA VEHICLE CODE" form. It includes fields for "App Name", "Road Name (If Number)", and "Date". Both forms have a grid area for project details.



Before

Project Primer: Road Base and Fill



**DGR Project in Jefferson County:
\$65K Spent, \$5K in kind**

After



Before

Project Primer: Fill, pipes, surface



After

**DGR Project in Mercer County:
\$100K Spent, \$6K in kind**



Before

Project Primer: Road Relocation

After

DGR Project in York County:
\$63K Spent, \$22K in kind



retired road

Road Relocated
away from stream

Inlet

Before



After



Outlet

Before



After



Before

Project Primer: LVR Issues

After

**LVR Project in Montgomery County:
\$24K Spent, \$2K in kind**



Before

Project Primer: Fill, pipes, surface



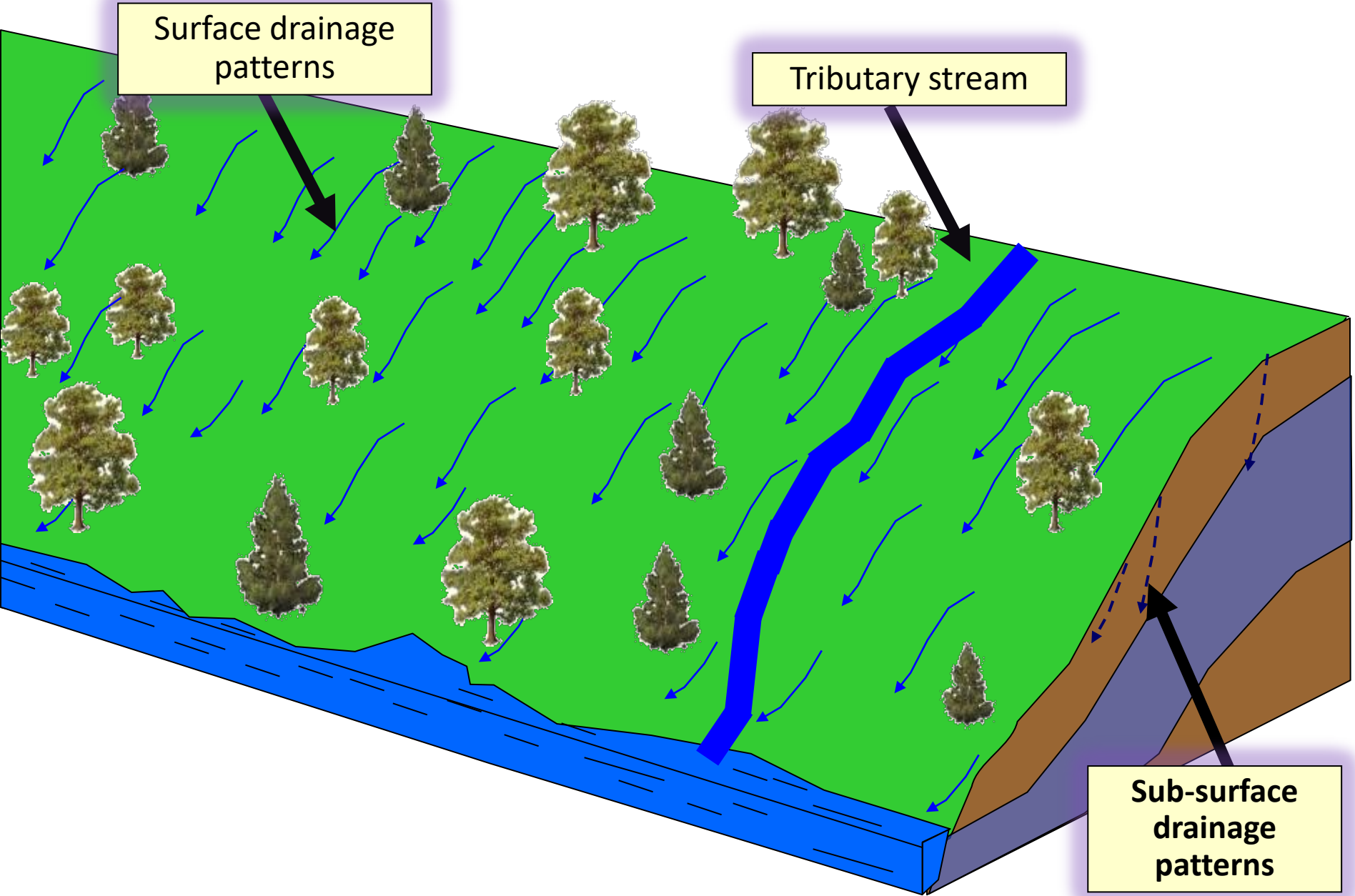
After

**DGR Project in Bradford County:
\$107K Spent, \$14K in kind**





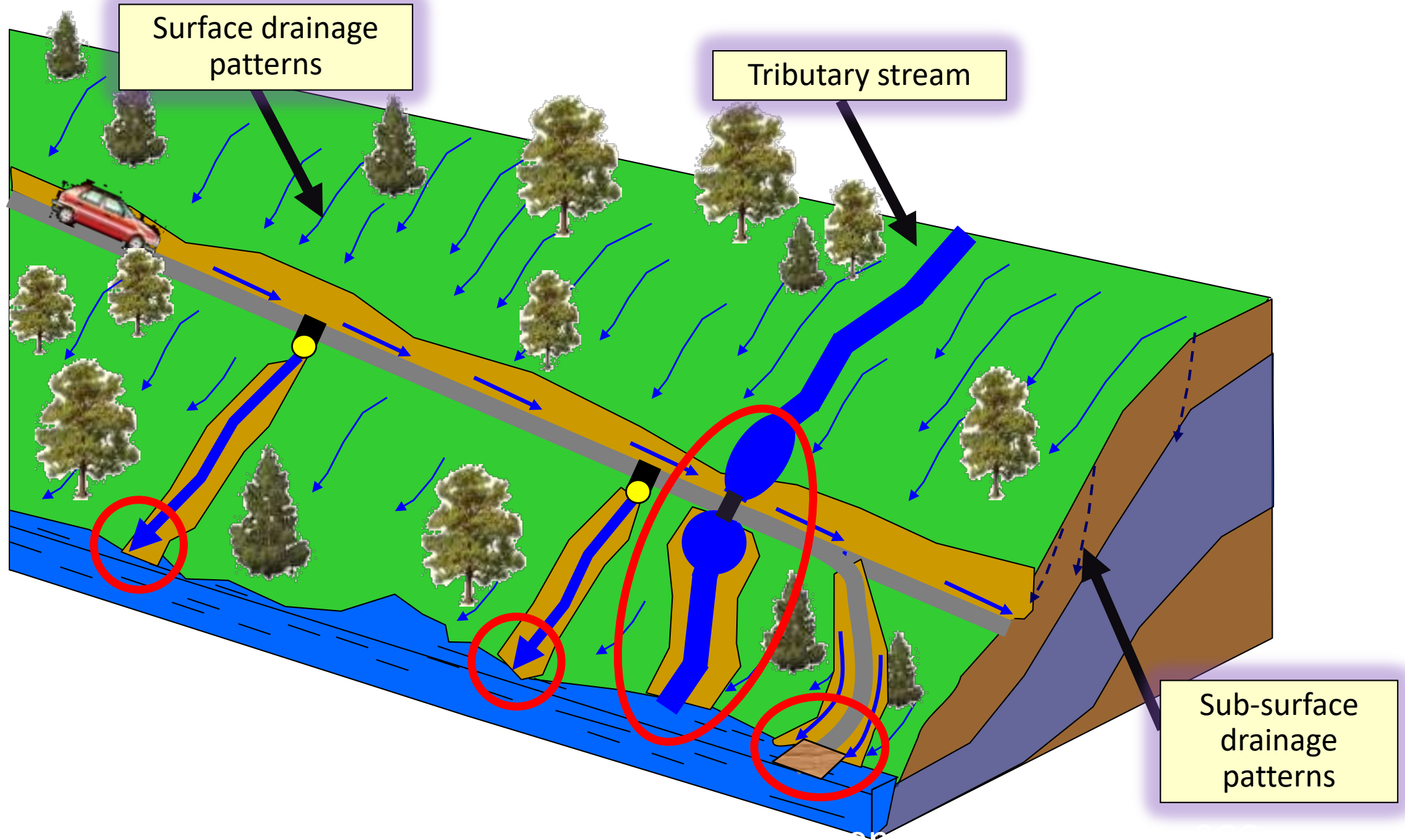
Program focus is where the road and/or the stream negatively impacts the other



Surface drainage patterns

Tributary stream

Sub-surface drainage patterns



Effects of Roads

- Generate Sediment
- Deliver Sediment to Stream





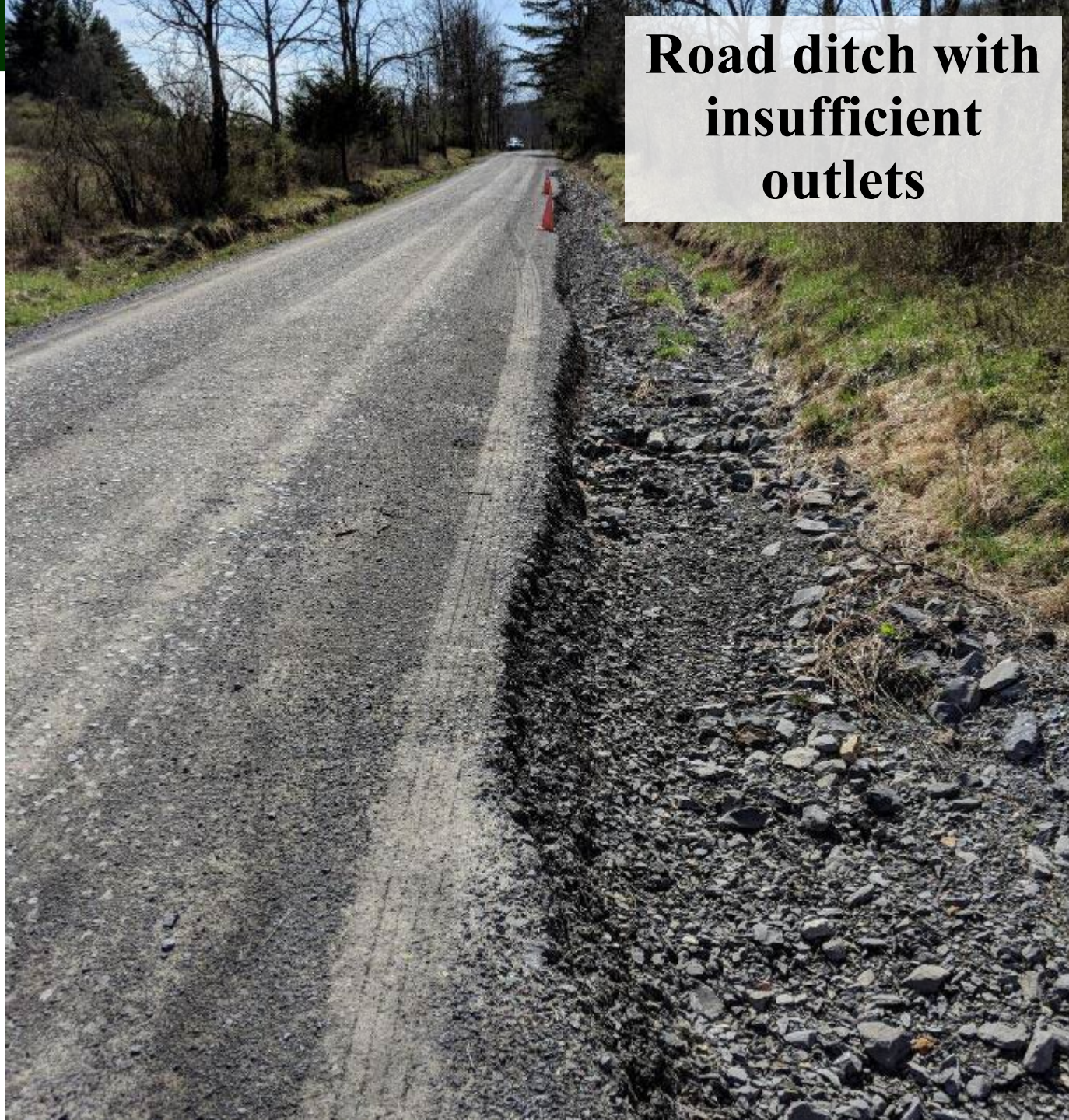
Effects of Roads

- **Generate Sediment**



**Even Paved Roads
Generate Sediment**

**Road ditch with
insufficient
outlets**



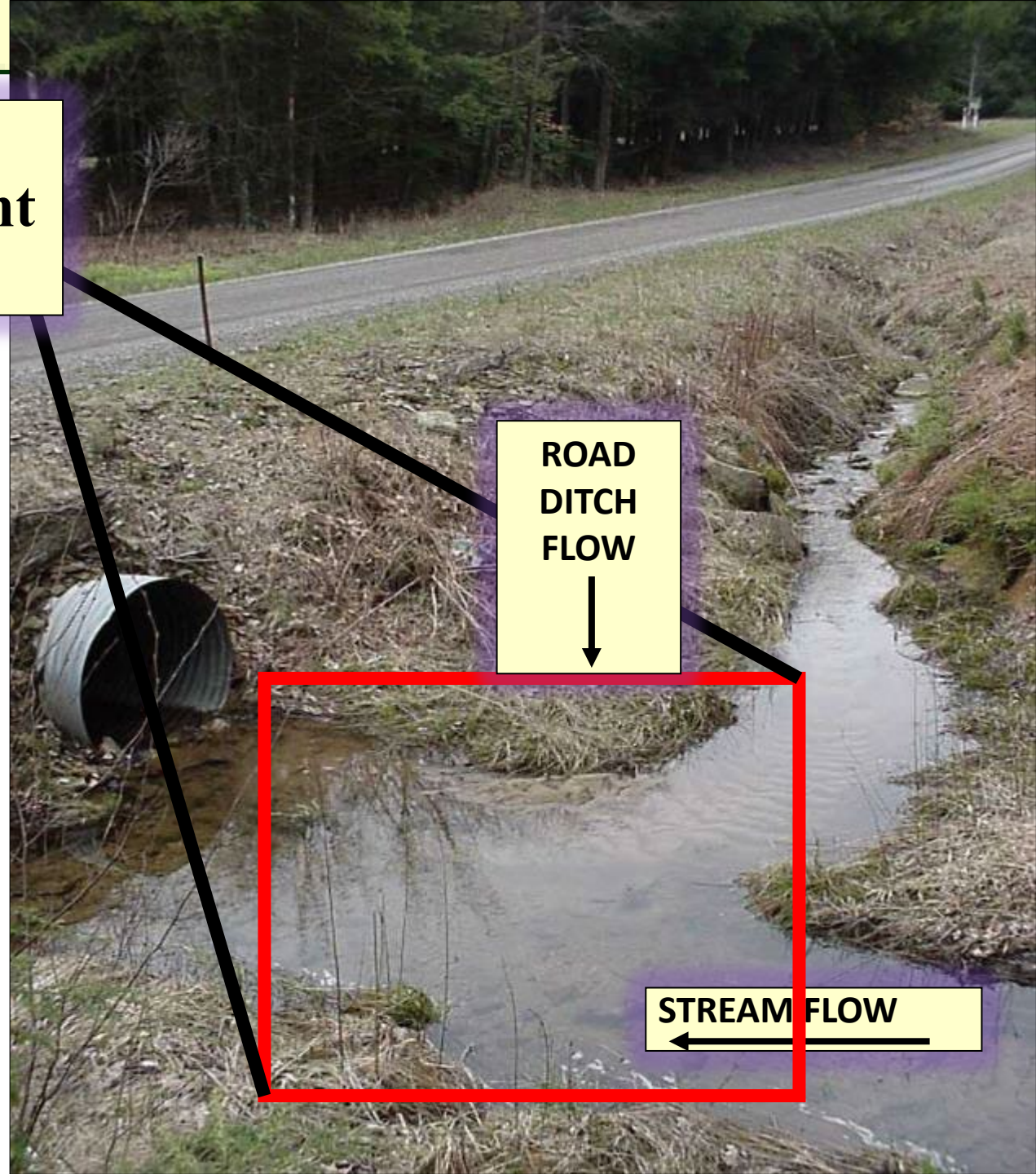
Effects of Roads

- Deliver Sediment to Stream



Effects of Roads

- Deliver Sediment to Stream

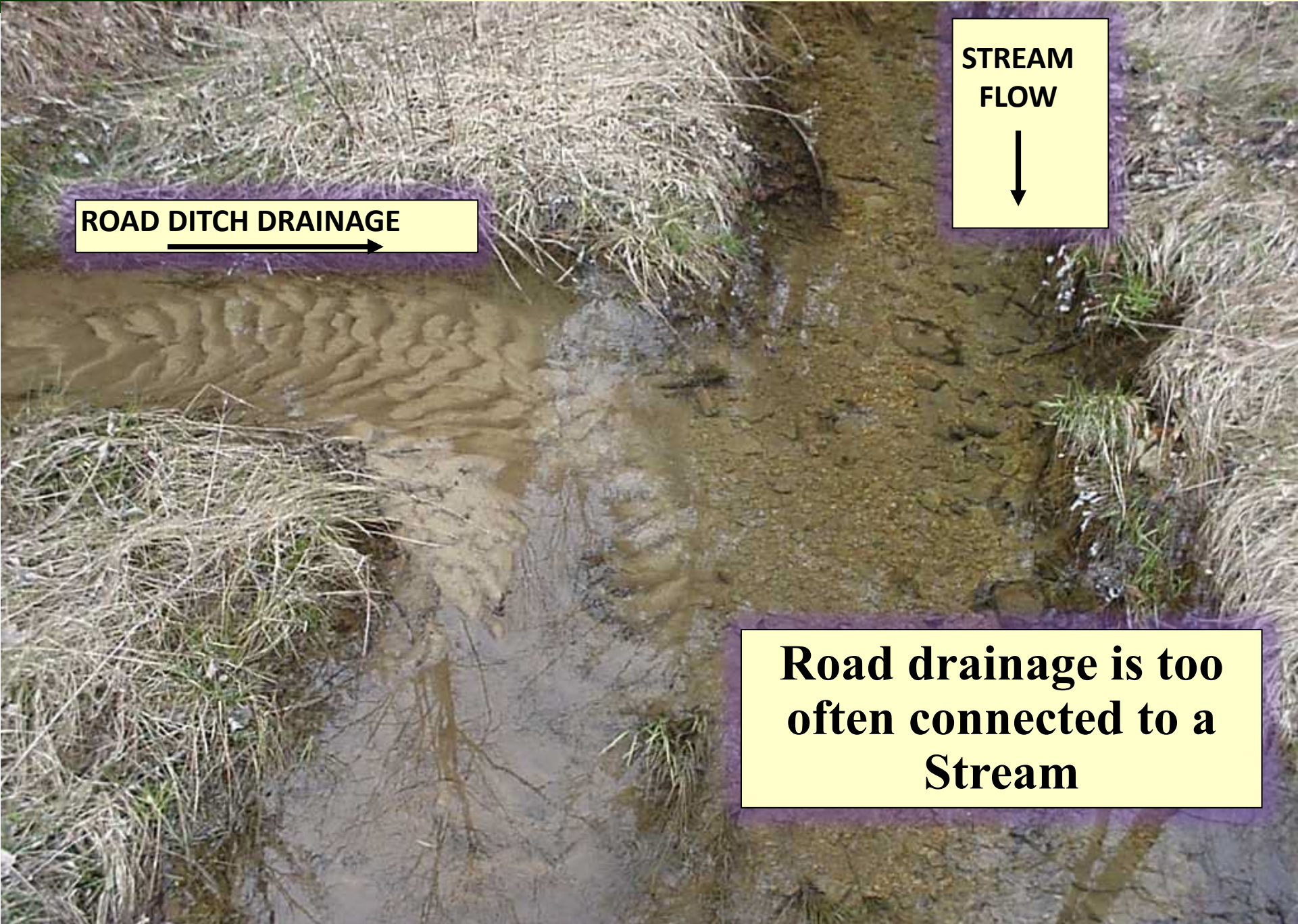


ROAD
DITCH
FLOW



STREAM FLOW

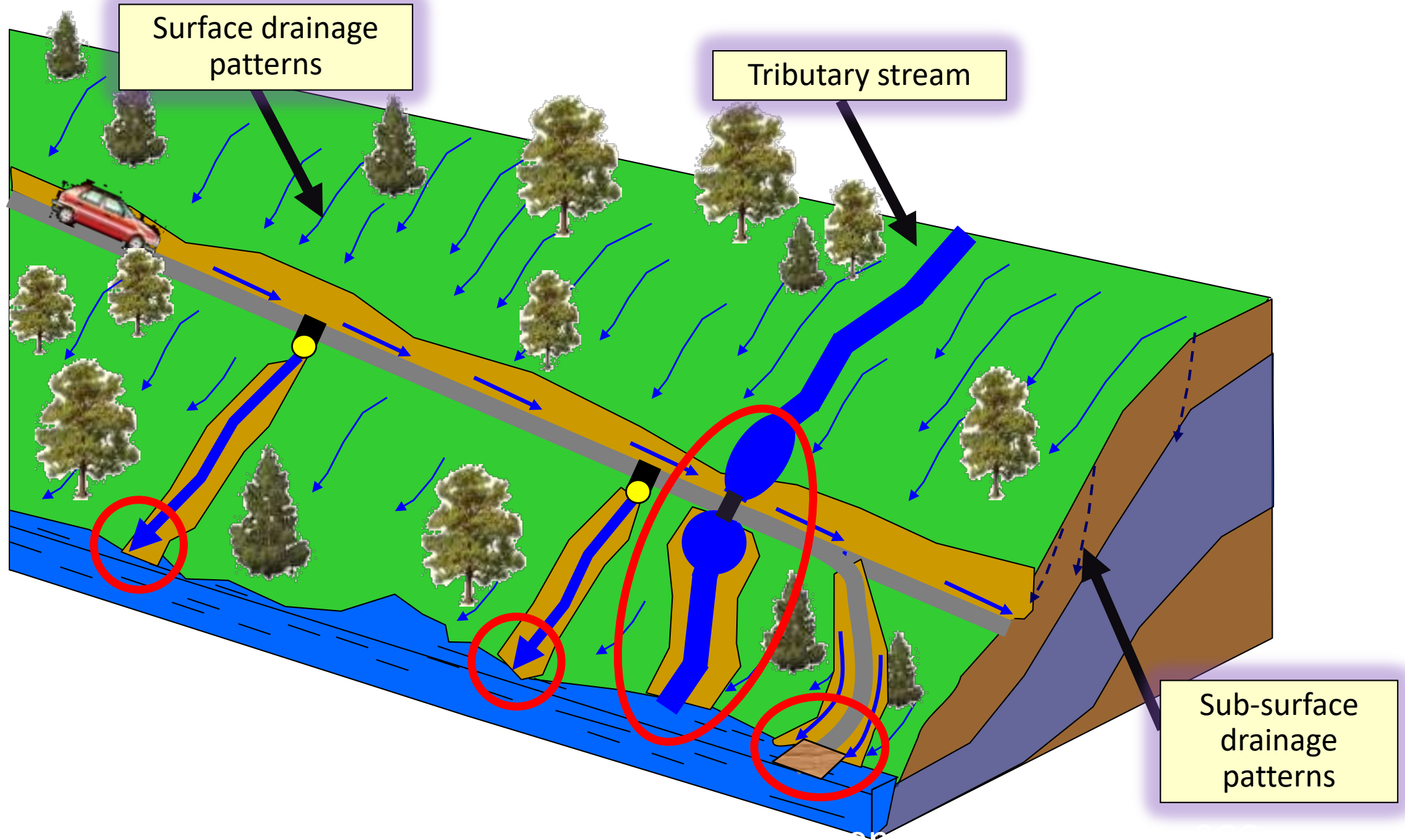


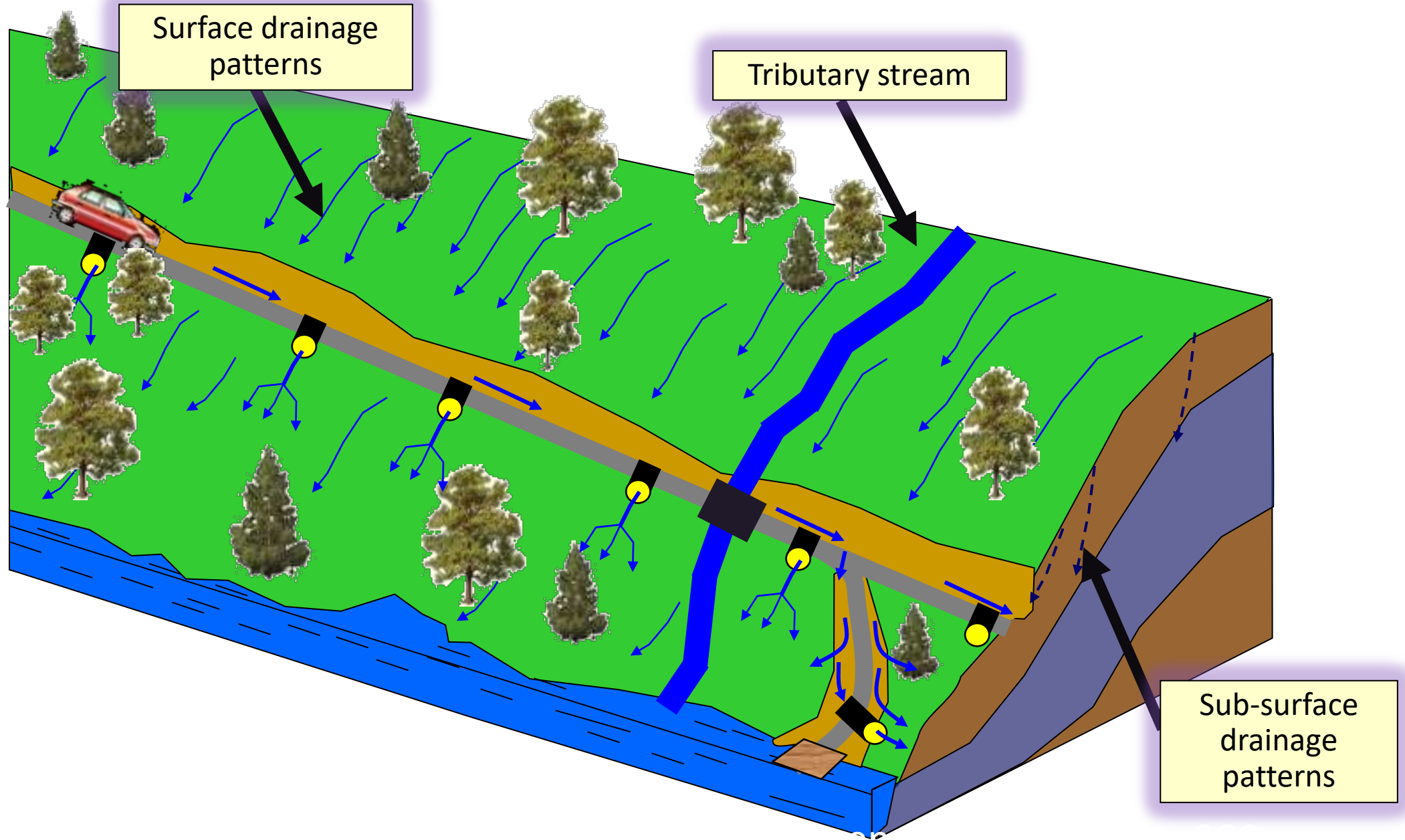


ROAD DITCH DRAINAGE
→

**STREAM
FLOW**
↓

**Road drainage is too
often connected to a
Stream**





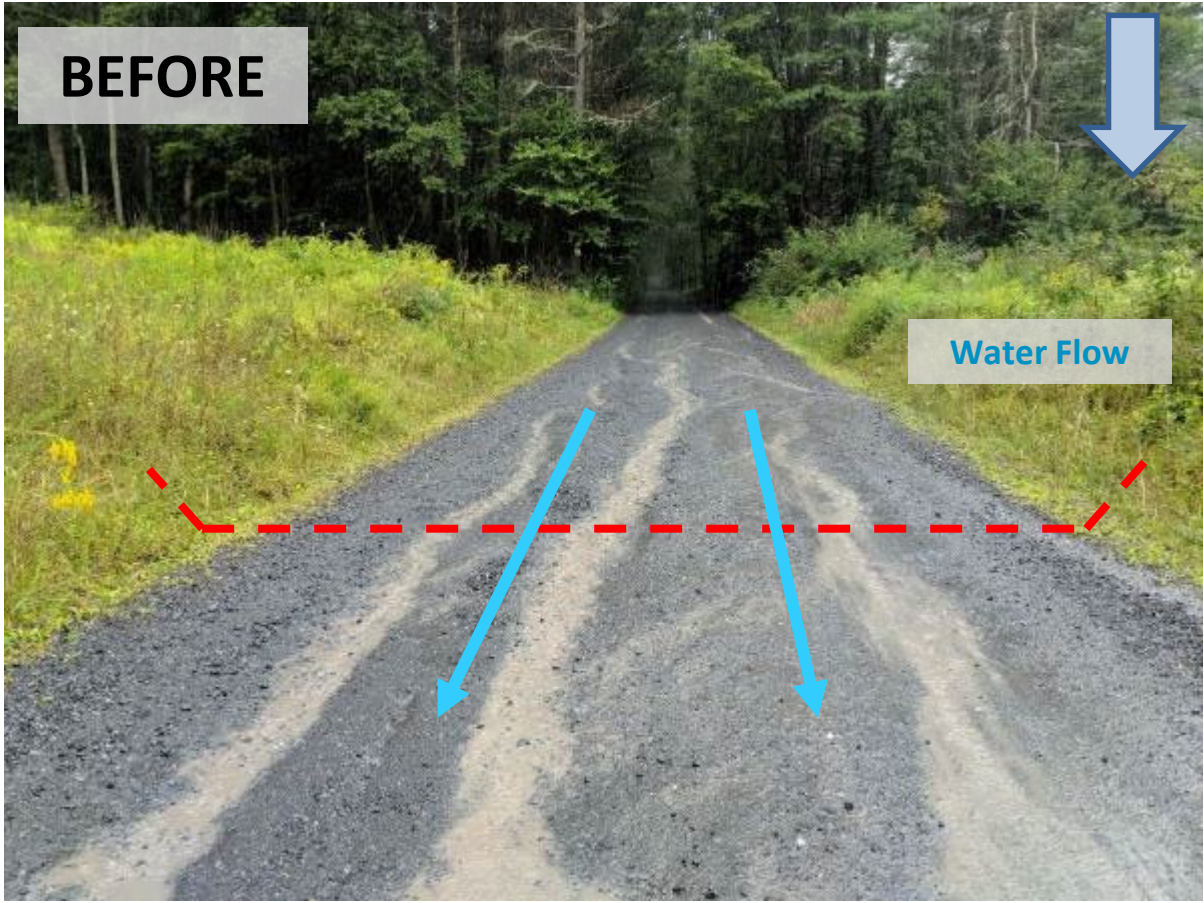
Example Dirt and Gravel Road Project

Stream

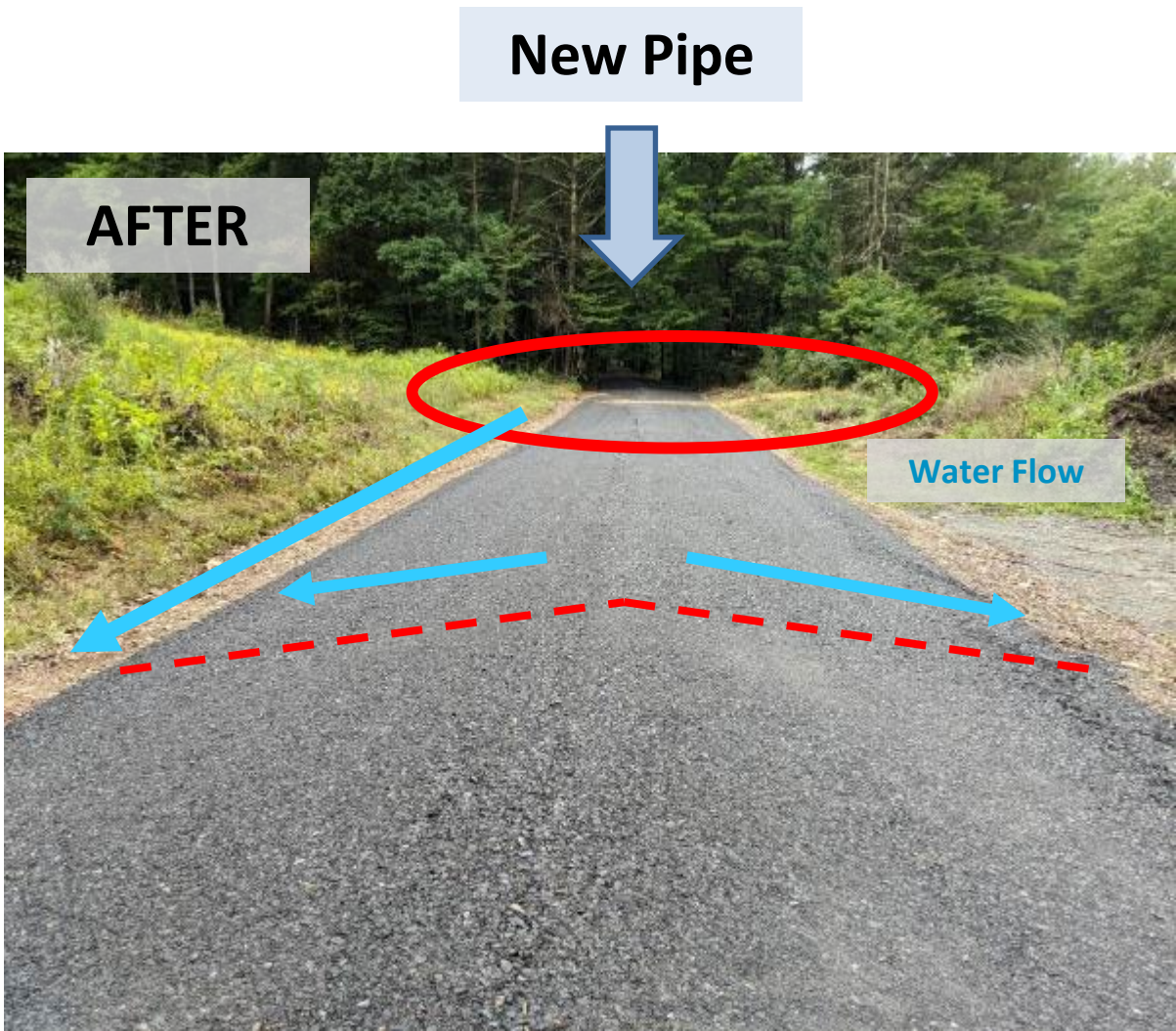
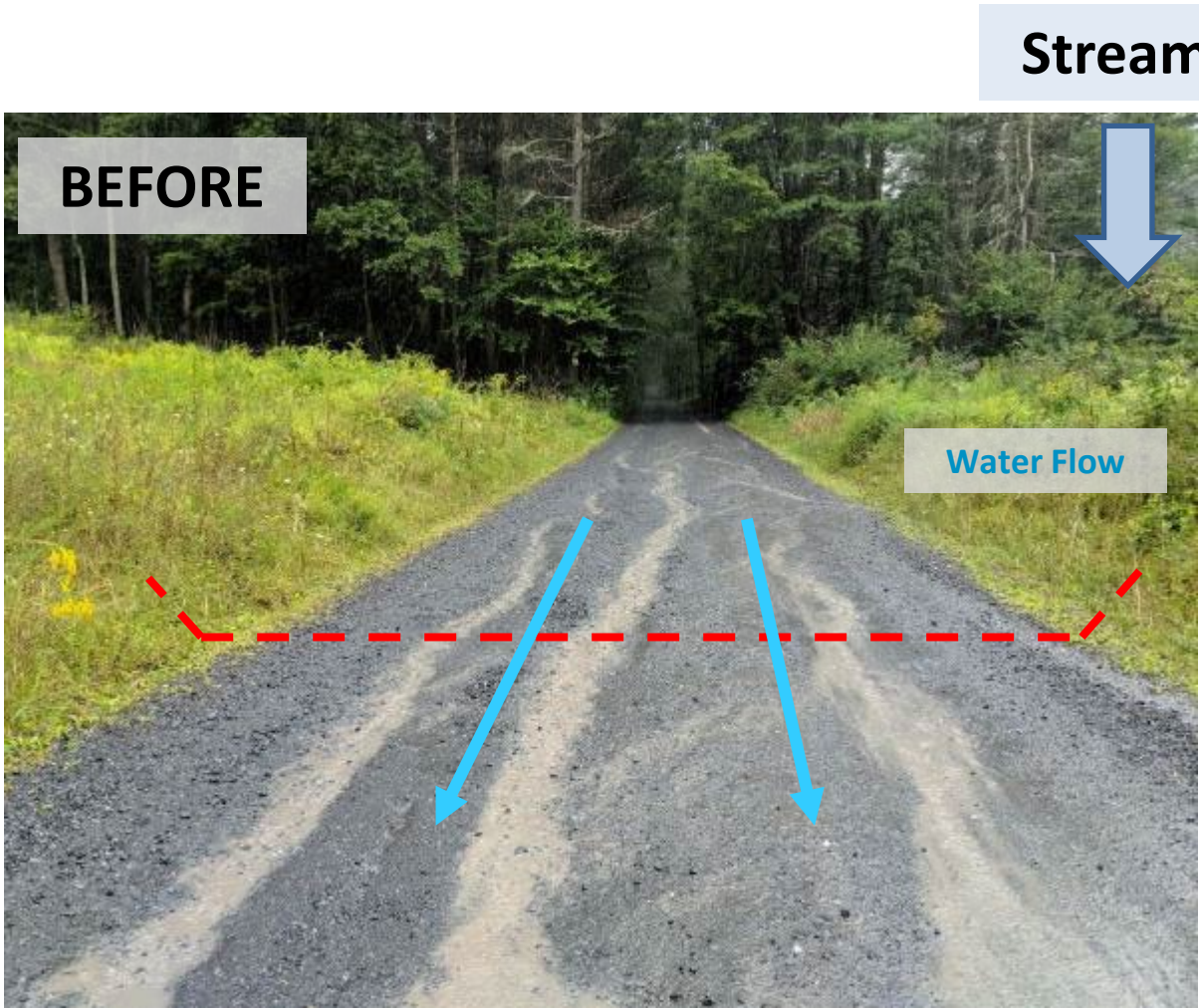


BEFORE

Water Flow



Example Dirt and Gravel Road Project



During construction – placing road fill



AFTER



- Two Types of Funding
 - Based on road surface
- Dirt and Gravel Roads (DGR)
 - Unbound road surface
 - Can be shaped with a grader



- Low Volume Roads (LVR)
 - Paved or sealed (including tar and chip)
 - Low traffic volume (500 vehicles/day or less)

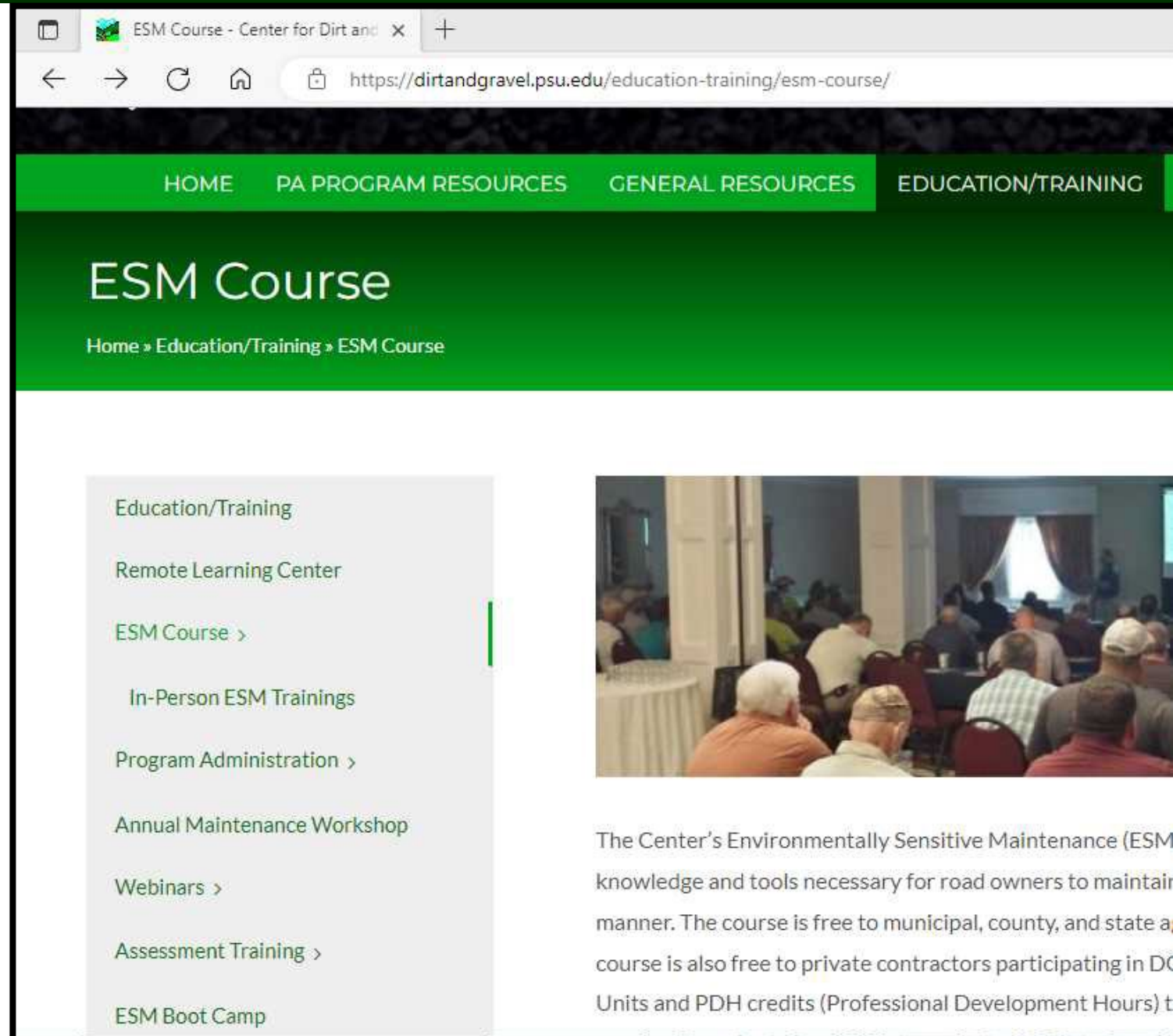


Eligible Applicants

- Public entities (local, county, and state) that own public roads in PA that are open to public vehicle travel
- The person in charge of work plan development and project implementation from the entity must have attended Environmentally Sensitive Road Maintenance (ESM) Training within the past 5 calendar years

ESM Training

- <https://dirtandgravel.psu.edu/education-training/esm-course/>
- 2 days, 8 AM – 4 PM
- Breakfast, snacks, drinks, and lunch provided
- No cost to attend
- Must register online
- 12 sessions held in different locations around PA each year



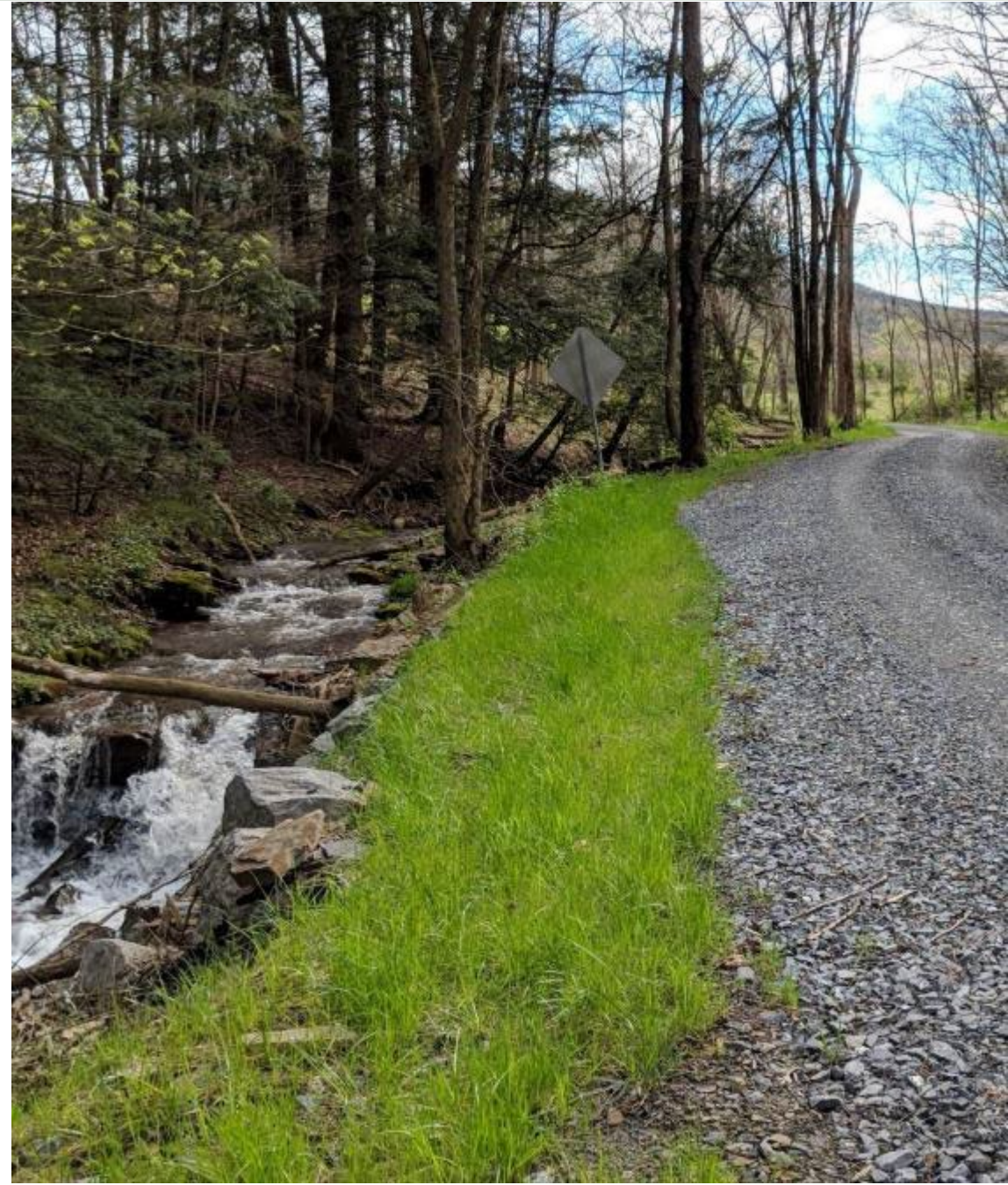
The screenshot shows a web browser window with the URL <https://dirtandgravel.psu.edu/education-training/esm-course/>. The page has a green header with navigation links: HOME, PA PROGRAM RESOURCES, GENERAL RESOURCES, and EDUCATION/TRAINING. Below the header, the main title is "ESM Course" with a breadcrumb trail: Home » Education/Training » ESM Course. A left-hand navigation menu lists: Education/Training, Remote Learning Center, ESM Course >, In-Person ESM Trainings, Program Administration >, Annual Maintenance Workshop, Webinars >, Assessment Training >, and ESM Boot Camp. To the right of the menu is a photograph of a group of people in a room, likely attending a training session. Below the photo, the text reads: "The Center's Environmentally Sensitive Maintenance (ESM) knowledge and tools necessary for road owners to maintain in a safe manner. The course is free to municipal, county, and state agencies. The course is also free to private contractors participating in DOT projects. Units and PDH credits (Professional Development Hours) are provided for attendees."

Eligible Roads

- Public Roads owned by an eligible applicant
- Road must be open to public motor vehicle travel for a minimum of 2 consecutive weeks annually
- The road must have a stream/water quality impact
- Must be an unpaved or low volume road
 - LVR means sealed surface with ADT of 500 or less

Project Eligibility

- DGR and LVR projects **must** focus on **both** environmental and road improvements
- Routine maintenance is not eligible for DGLVR funding
- Focus on long-term benefit through use of Environmentally Sensitive Maintenance (ESM) practices
- Project work must meet DGLVR policy, standards, and specifications



Questions about Eligibility?

- Work with your local County Conservation District to make sure you, your roads, and your projects are eligible for DGLVR funding
- Additional information at ESM training

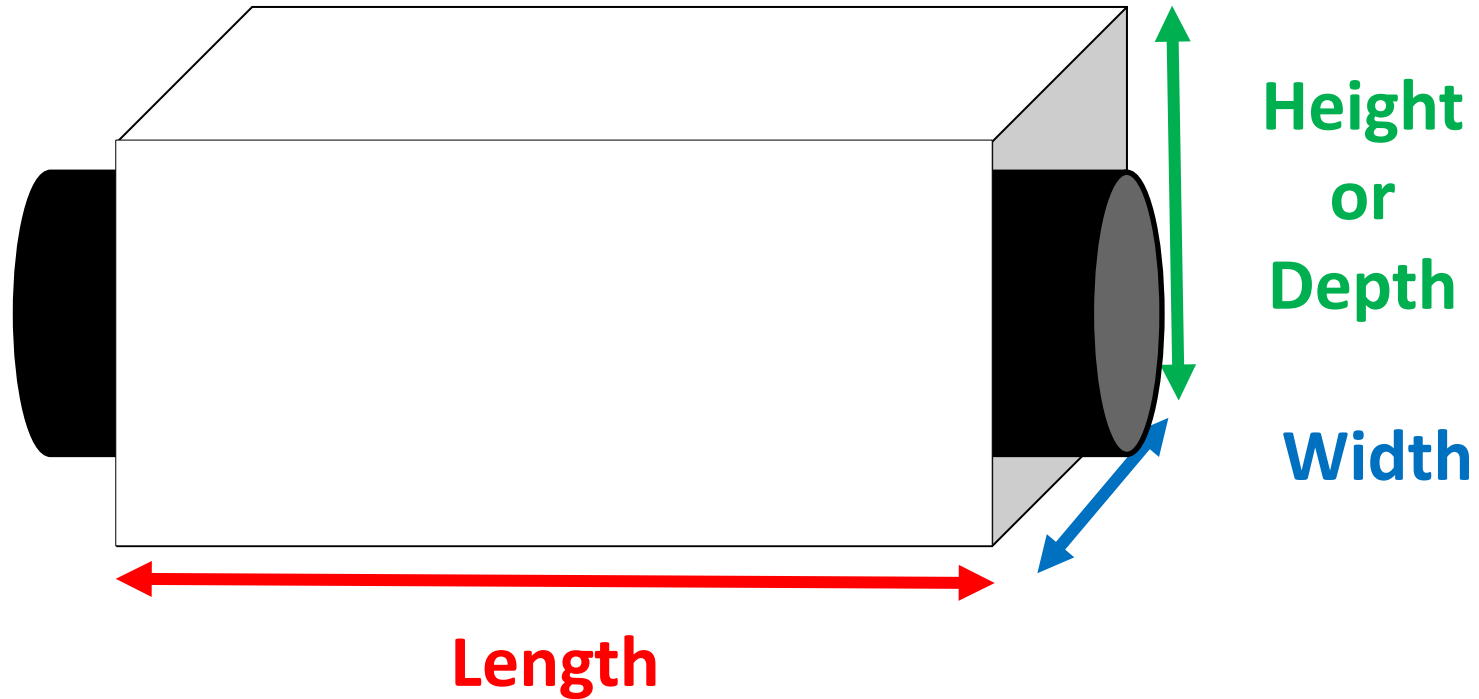


- **Pre-application meeting**

- review roads with conservation district
- Make sure all eligibility requirements are met
- Identify road problems
- Come up with solutions
- Take measurements
- Make sure the project is a good fit for the grant program

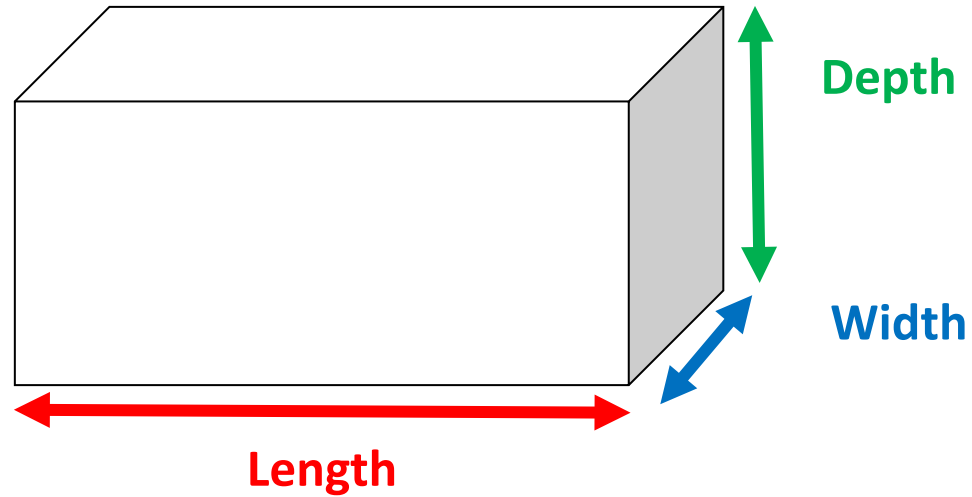


Materials Estimation

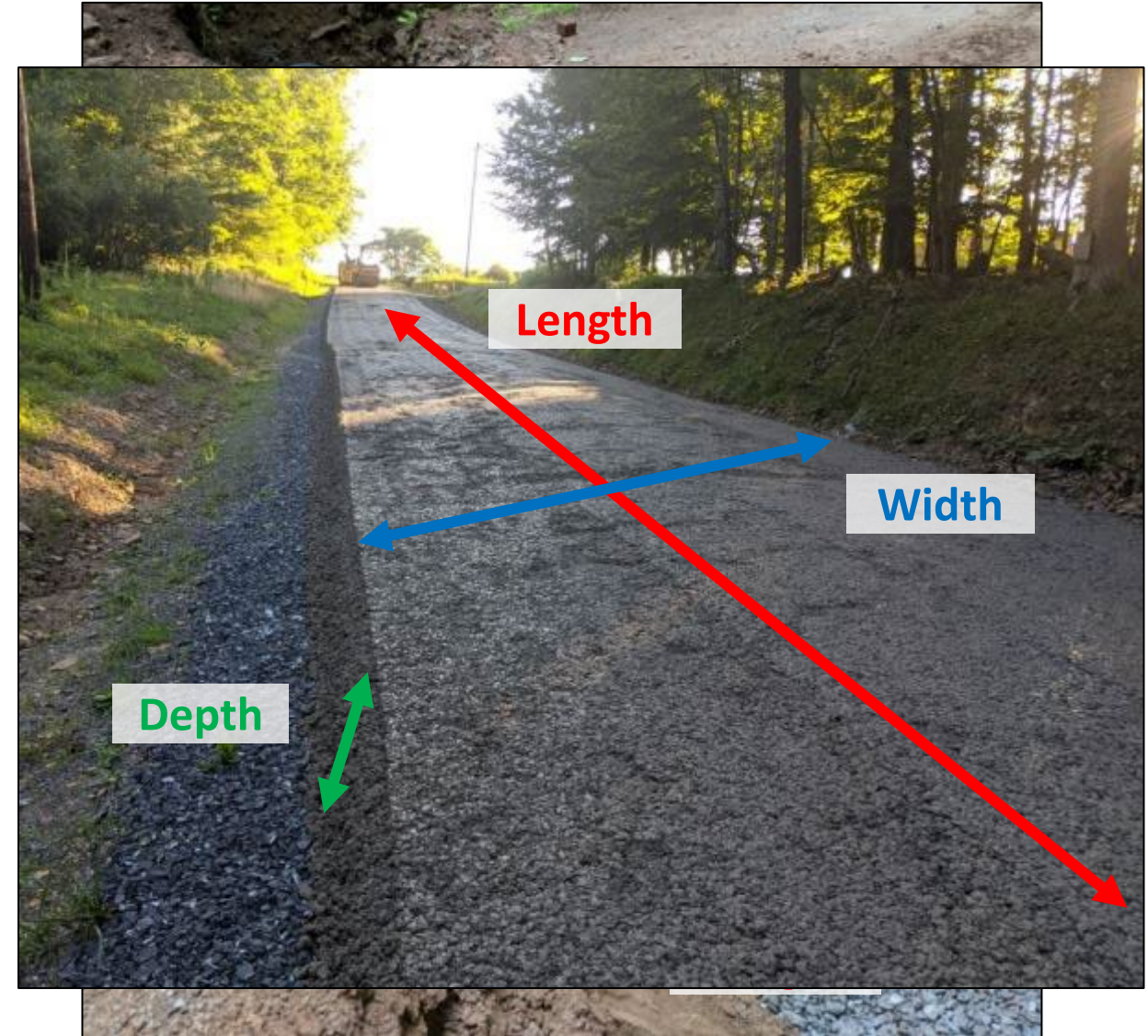


$$\text{Volume (ft}^3\text{)} = \text{Length (ft)} \times \text{Width (ft)} \times \text{Height (ft)}$$

Materials Estimation



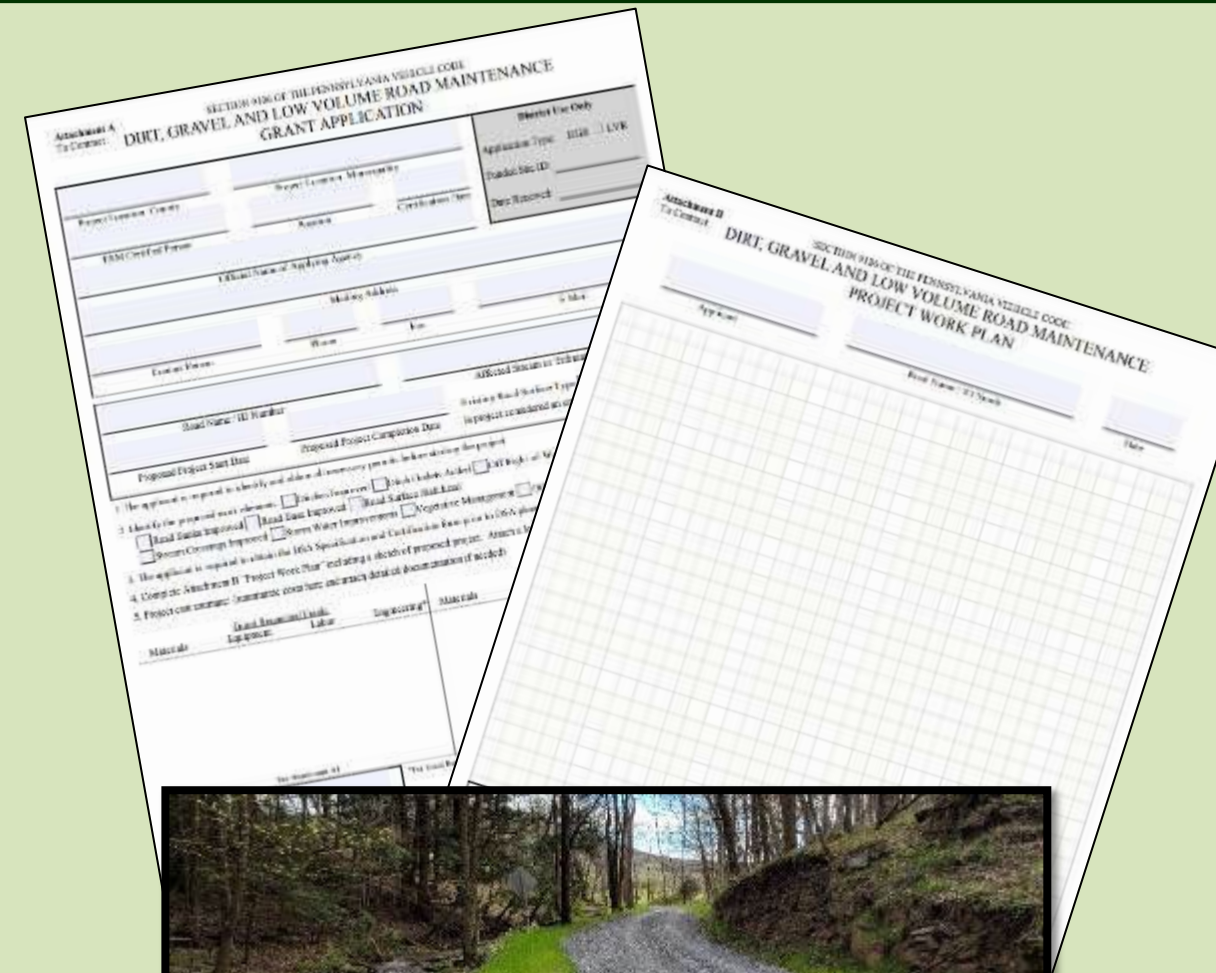
Volume (ft³) = Length (ft) Width (ft) Height (ft)



Materials Estimation Webinar

- **February 16, 2023**
- **Recording available online**
- <https://dirtandgravel.psu.edu/education-training/webinars/past-webinars/>
- February 16: Estimating Project Materials and Costs
 - This session was a primer and overview for CD technicians in estimating quantities and costs for projects (both stream crossing and standard projects).
 - **Webinar Download** (92.1 MB): MP4 format (*~55 minutes*)
 - Presentation Downloads:
 - **Adobe PDF** (4.00 MB)
 - **MS Powerpoint** (5.62 MB)

- DGLVR Program Introduction
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- **Filling out the Grant Application**
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It's important that DGLVR grant applications are thorough, detailed, and filled out correctly.

To prevent misunderstandings

- **The application becomes a DGLVR contract attachment**
 - **Defines the scope of work that the grant will pay for**

List of Attachments:

Attachment A – Grant Application and Workplan (*project specific*)

Attachment B – General Contract Provisions (*PA standard*)

Attachment C – Statement of Policy, incorporated by reference, available at
www.dirtandgravelroads.org

Attachment D – Quality Assurance Board Standards (*county specific*)

Attachment E – Schedule of Payments (*project specific*)

Attachment F – Prevailing Wage Notification Letter (*project specific*)

Attachment G - Prevailing Wage Certified Statement of Compliance (*project specific*)

The screenshot shows a web browser window with the URL <https://dirtandgravel.psu.edu/pa-program-resources/program-specific-resources/blank-forms/>. The page header features the Penn State logo and the text "PennState Center for Dirt and Gravel Road Studies" with the acronym "C D G R S" below it. A green navigation bar contains the following menu items: HOME, PA PROGRAM RESOURCES, GENERAL RESOURCES, EDUCATION/TRAINING, NEWS & EVENTS, BOF, CENTER, and a search icon. Below the navigation bar is a green banner with the title "Blank Forms" and a breadcrumb trail: Home » PA Program Resources » Program Resources » Blank Forms.

On the left side, there is a vertical sidebar menu with the following items: PA Program Resources, SCC Program Overview >, Conservation Districts, Program Resources >, Blank Forms (highlighted with a green bar), Reference Material, Administrative Manual >, Conservation District Allocations, QA/QC, and Low Volume Roads.

The main content area features a photograph of a dirt road winding through a lush, green forest. A red wooden bridge spans across the road in the distance. Below the image, the heading "Blank Forms" is displayed, followed by the text: "Unless noted otherwise for specific items such as traffic counts, all policies and forms apply to both the 'Dirt and

Attachment A
To Contract

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
**DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
GRANT APPLICATION**

Project Location: County		Project Location: Municipality		District Use Only Application Type: DGR <input type="checkbox"/> LVR Funded Site ID: _____ Date Received: _____	
ESM Certified Person		Position			
		Certification Date			
Official Name of Applying Agency					
Mailing Address					
Contact Person		Phone	Fax	E-Mail	

Road Name / ID Number		Affected Stream or Tributary	
Proposed Project Start Date		Proposed Project Completion Date	Existing Road Surface Type: <input type="checkbox"/> Unpaved <input type="checkbox"/> Paved
Is project considered an emergency? <input type="checkbox"/> Yes <input type="checkbox"/> No			

- The applicant is required to identify and obtain all necessary permits before starting the project.
- Identify the proposed work elements: Ditches Improved Ditch Outlets Added Off Right-of-Way Improvements
 Road Banks Improved Road Base Improved Road Surface Stabilized
 Stream Crossings Improved Storm Water Improvements Vegetative Management Other _____
- The applicant is required to obtain the DSA Specification and Certification form prior to DSA placement.
- Complete Attachment B "Project Work Plan" including a sketch of proposed project. Attach a locational map with the project highlighted.
- Project cost estimate: (summarize costs here and attach detailed documentation if needed)

<u>Grant Requested Funds</u>				<u>In-Kind Contributions</u>			
Materials	Equipment	Labor	Engineering*	Materials	Equipment	Labor	Engineering
See Attachment A1				See Attachment A2			

*For Grant Requested Funds, Engineering costs cannot exceed 10% of the total grant amount requested.

Grant Requested..... \$	_____
In-Kind Contributions..... \$	_____
Total Project Value..... \$	_____

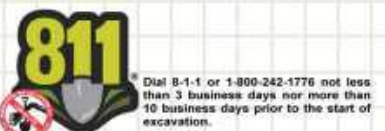
_____ Applicant Signature _____ Date

Attachment B
To Contract

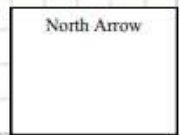
SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
**DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
PROJECT WORK PLAN**

Applicant	Road Name / ID Num	Date
-----------	--------------------	------

- Instructions:**
- Draw a sketch of the proposed project that includes:
 - All Proposed Work (i.e., Cross Pipes, Stream Crossings, Other ESM Practices)
 - Project Road Length in Feet or Miles
 - Nearest Intersection and/or Reference Landmarks
 - Known Utilities
 - North Arrow
 - Attach a copy of a locational map with the project highlighted
 - Attach additional project details as necessary



Project Length = _____ feet / miles (circle one)



Instructions available on Blank Forms page of Center's Website

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
Grant Application/Project Work Plan Instructions

The following instructions pertain to the Dirt, Gravel and Low Volume Maintenance Program Grant Application and Project Work Plan forms. These instructions are to act as a guide only. Note that all fields are required unless indicated otherwise.

It is strongly recommended grant applicant and Conservation District representatives hold an on-site meeting to discuss a potential project plan before an application is submitted.

Grant Application Instructions

"District Use Only":

- Applicant DOES NOT fill out any of the information within this box.

General Information:

- County** – The County the road project in question is within.
- Municipality** – The Municipality (township, borough, or city) the road project in question is within.
- ESM Certified Person** – List the person who will oversee the project who is currently ESM certified.
- Position** – The current position of the ESM Certified Person.
- Certification Date** – The date the ESM Certified Person completed their ESM training. Applicant may need to contact their Conservation District if the date is unknown. The person responsible for project design and oversight for applying entity must be ESM certified within last 5 years to be eligible for funding.
- Official Name of Applying Agency** – The name of the agency who is applying for Dirt, Gravel and Low Volume Maintenance funding.
- Mailing Address** – The mailing address of the applying agency. Include street address, state, and zip code.
- Contact Person** – The official contact person of the applying agency.
- Phone** – The phone number of the official contact person or the applying agency.
- Fax** – The fax number of the official contact person or the applying agency. Optional.
- E-Mail** – The e-mail address of the official contact person or the applying agency. Optional.

Affected Road Information:

- Road Name / ID Number** – The name and identification number of the road in question. List both if available.
- Affected Stream or Tributary** – The name of the stream or tributary that the road project in question is currently affecting. If project affects a small unnamed tributary (UNT), list the first named stream downstream of the tributary, such as "UNT to Trout Run".
- Proposed Project Start Date** – The proposed date that applicant expects the project to begin.
- Proposed Project Completion Date** – The proposed date that applicant expects the project to be finished.
- Existing Road Surface Type** – Check the appropriate CURRENT surface type of the road project in question. "tar & chip" or "chip sealed" roads are considered open.
- Is project considered an emergency** – Check if the project would be considered an emergency. For example, a road that is washed out and is impassable due to a storm would be considered an emergency.

Additional Questions, Proposed Work Elements, and Cost Estimates:

- Applicant is required to identify and obtain all necessary permits before starting the project:**
 - By signing the application, the applicant acknowledges they understand that they will be required to identify and obtain all required permits before starting the project. Applicant is not required to identify and obtain these permits prior to submitting the grant application.
- Identify the proposed work elements:** Check all that apply.
 - Ditches Improved** – Stabilizing ditches through elimination, vegetation, armoring, flow reduction, etc.
 - Ditch Outlets Added** – Addition of drainage outlets such as pipes, turnouts, etc.
 - Off Right-of-Way Improvements** – Improvements to access roads, lanes, etc. that affect the public roadway.
 - Road Banks Improved** – Stabilizing of banks through reprofiling, armoring, vegetation, etc.

base through material addition, milling, geo-synthetics, etc. the road surface through new material, stabilizers, etc. or stabilization of road/stream crossings.

to or disconnection of traditional storm water collection

such as tree thinning, selective thinning, seeding, etc. is not covered by the above choices.

Identification and Certification form Prior to DSA

aggregate (DSA)

edges that they understand that they will be required to obtain aggregate supplier prior to aggregate placement.

Each of the proposed project. Attach a copy of a:

Plan that is addressed at the end of the Grant Application

grant requested funds and in-kind services.

izes the project costs that the applicant is requesting from the grant.

is the costs incurred by the applicant in project implementation listed or made through the Program.

jects may fit in the space provided on the Grant Application. (i.e. worksheet). The optional "Detailed Estimated Project (i.e. Contributions)" worksheets (Attachments A1 and A2) can be

applicant is requesting from the Program through the grant that exceed 10% of the total grant amount requested. is borne by the applicant where no reimbursement will be

Kind Contributions. This is the total estimated cost of the

ant.

ited.

Plan Instructions

entification number of the road in question. List both if

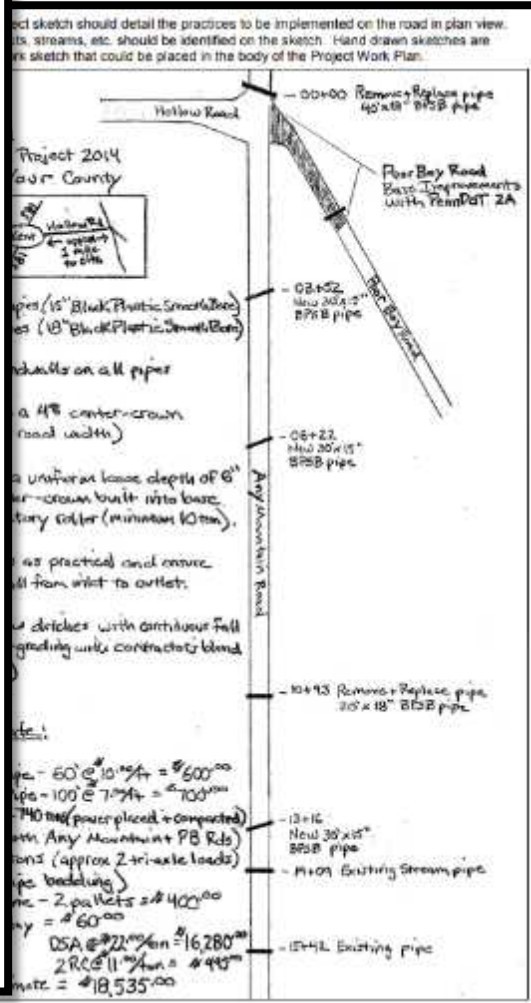
ompleted.

that identifies where north is as related to the sketch.

eed work area (not necessarily entire road length). Then, if the total proposed work length is less than 1 mile, then it is

highlighted:

g such as township map, topographic map, photocopied atlas include any project work items on the location map (they go on the worksheet). The purpose of the map is to allow the project site to be easily found.



PROJECT EXPENDITURES WORKSHEETS
INSTRUCTIONS

(attachments A1 and A2) - OPTIONAL

are two additional project expenditure worksheets. These two worksheets, tributions, are referred to in the Grant Application as Attachment A1 and (not required) but are recommended if the applicant needs more space than what they are nearly identical, general help is provided below.

In-Kind Contributions Worksheets:

it cost, quantity, and total cost for each proposed material.

hours, FEMA Rate/Hour if applicable, and cost for each piece of equipment rates are only applicable where township-owned equipment if used otherwise dted rates.

, and cost per type of laborer.

aterials, equipment, and labor.

ocation applicant.

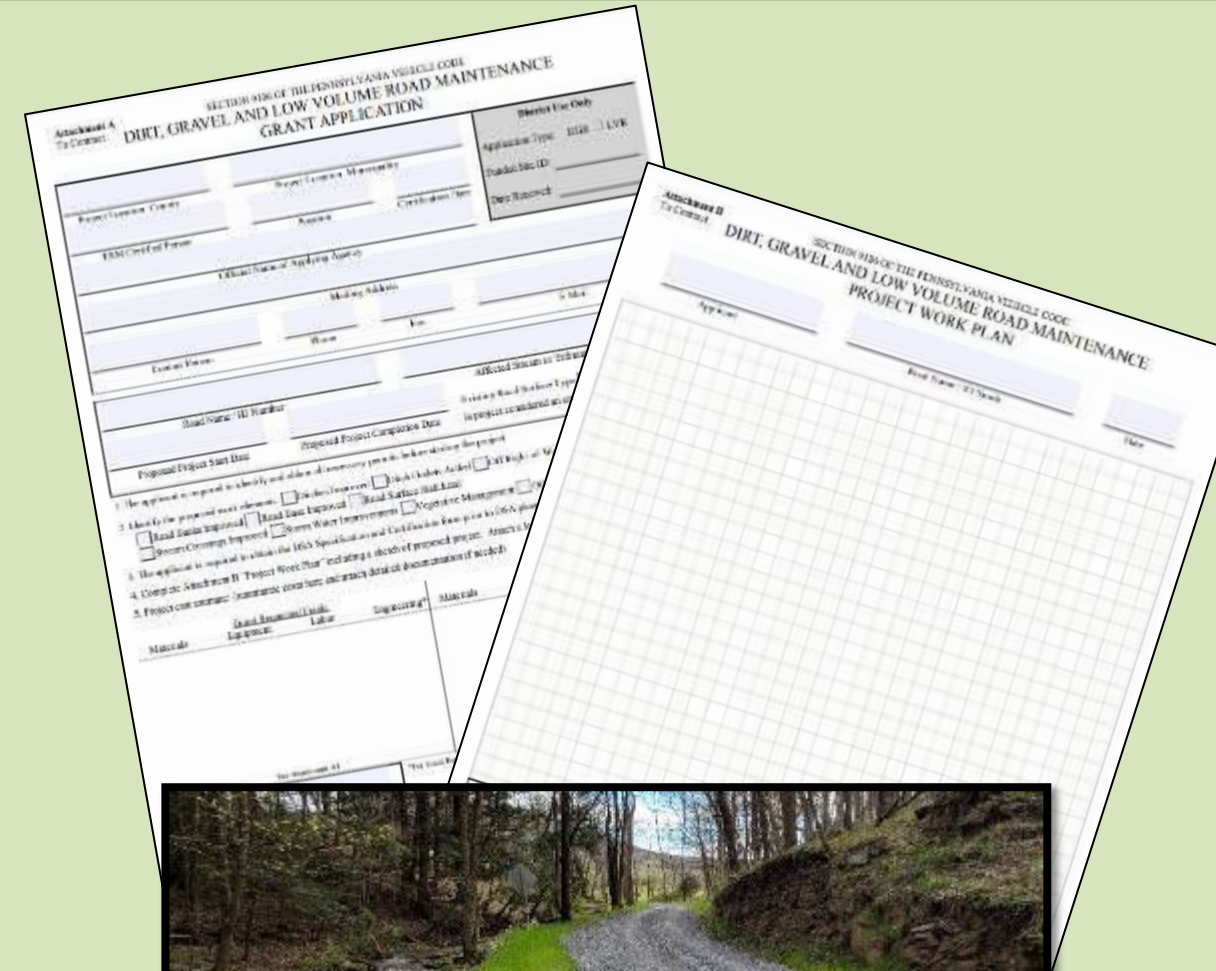
ad project in question is within.

ality (township, borough, or city) the road project in question. List both if

The name and identification number of the road in question. List both if

expenditures form was completed.

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Attachment A
To Contract

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
GRANT APPLICATION

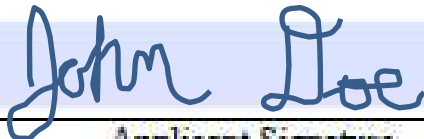
Any County		Example Township		District Use Only	
Project Location: County		Project Location: Municipality		Application Type: <input type="checkbox"/> DGR <input type="checkbox"/> LVR	
John Doe		Roadmaster	8/25/2022		
ESM Certified Person		Position	Certification Date		
Example Township				Work Site ID: _____	
Official Name of Applying Agency				Date Received: _____	
123 Main Street, Example Town, PA 12345					
Mailing Address					
John Doe		123-456-7890	123-789-4560	Johndoe@example.com	
Contact Person		Phone	Fax	E-Mail	

Any Mountain Road/ TR 123		Unnamed Tributary (UNT) to River			
Road Name / ID Number		Affected Stream or Tributary			
April 30, 2024		Sept 30, 2024	Existing Road Surface Type: <input checked="" type="checkbox"/> Unpaved <input type="checkbox"/> Paved		
Proposed Project Start Date		Proposed Project Completion Date	Is project considered an emergency? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

1. The applicant is required to identify and obtain all necessary permits before starting the project.
2. Identify the proposed work elements: Ditches Improved Ditch Outlets Added Off Right-of-Way Improvements
 Road Banks Improved Road Base Improved Road Surface Stabilized
 Stream Crossings Improved Storm Water Improvements Vegetative Management Other _____
3. The applicant is required to obtain the DSA Specification and Certification form prior to DSA placement.
4. Complete Attachment B "Project Work Plan" including a sketch of proposed project. Attach a locational map with the project highlighted.
5. Project cost estimate: (summarize costs here and attach detailed documentation if needed)

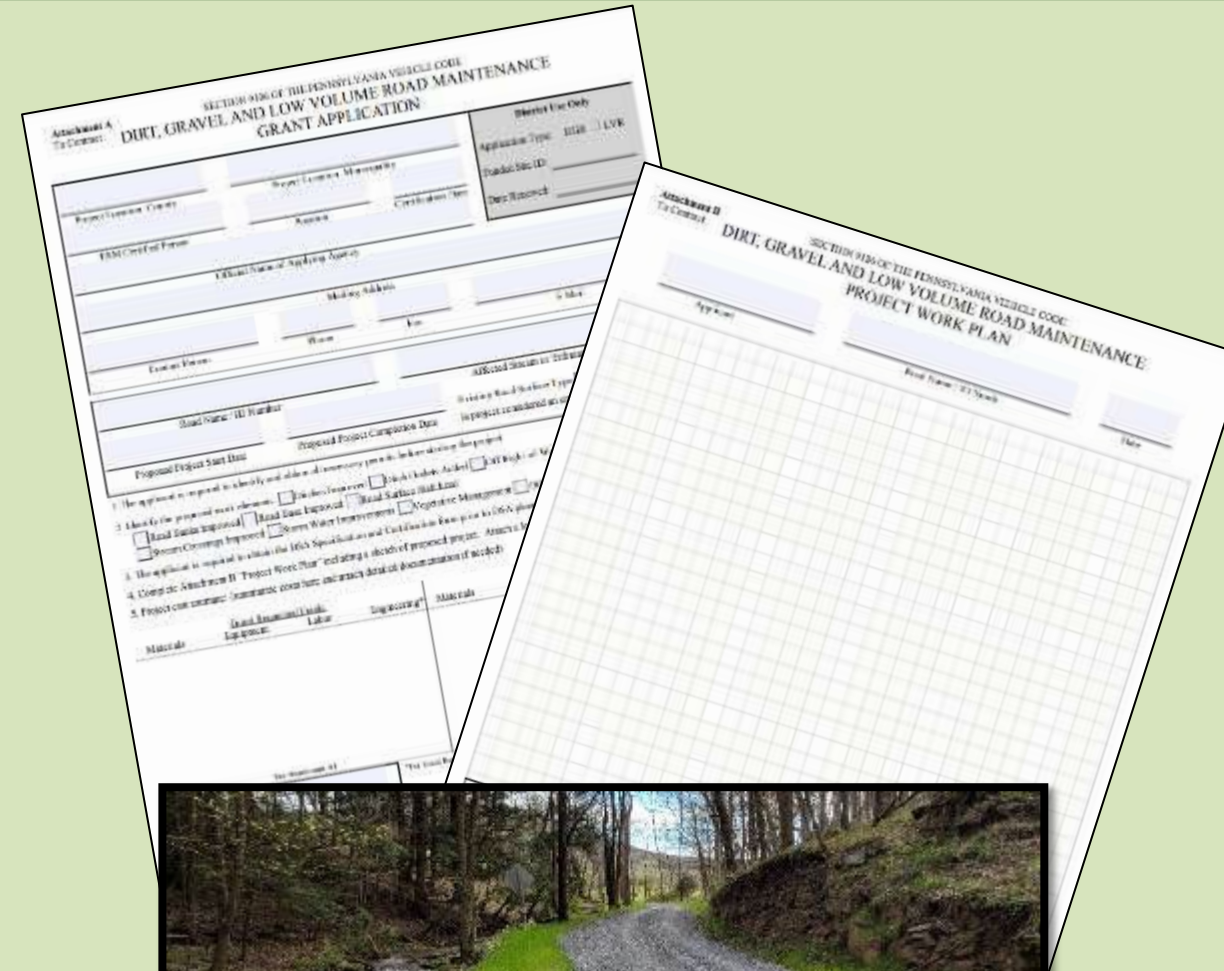
<u>Grant Requested Funds</u>			<u>In-Kind Contributions</u>		
Materials	Equipment	Labor	Materials	Equipment	Labor
See attached sheets			See attached sheets		
See Attachment A1			See Attachment A2		

Grant Requested.....	\$ 24,775.00
In-Kind Contributions.....	\$ 3,590.00
Total Project Value.....	\$ 28,365.00


 Applicant Signature

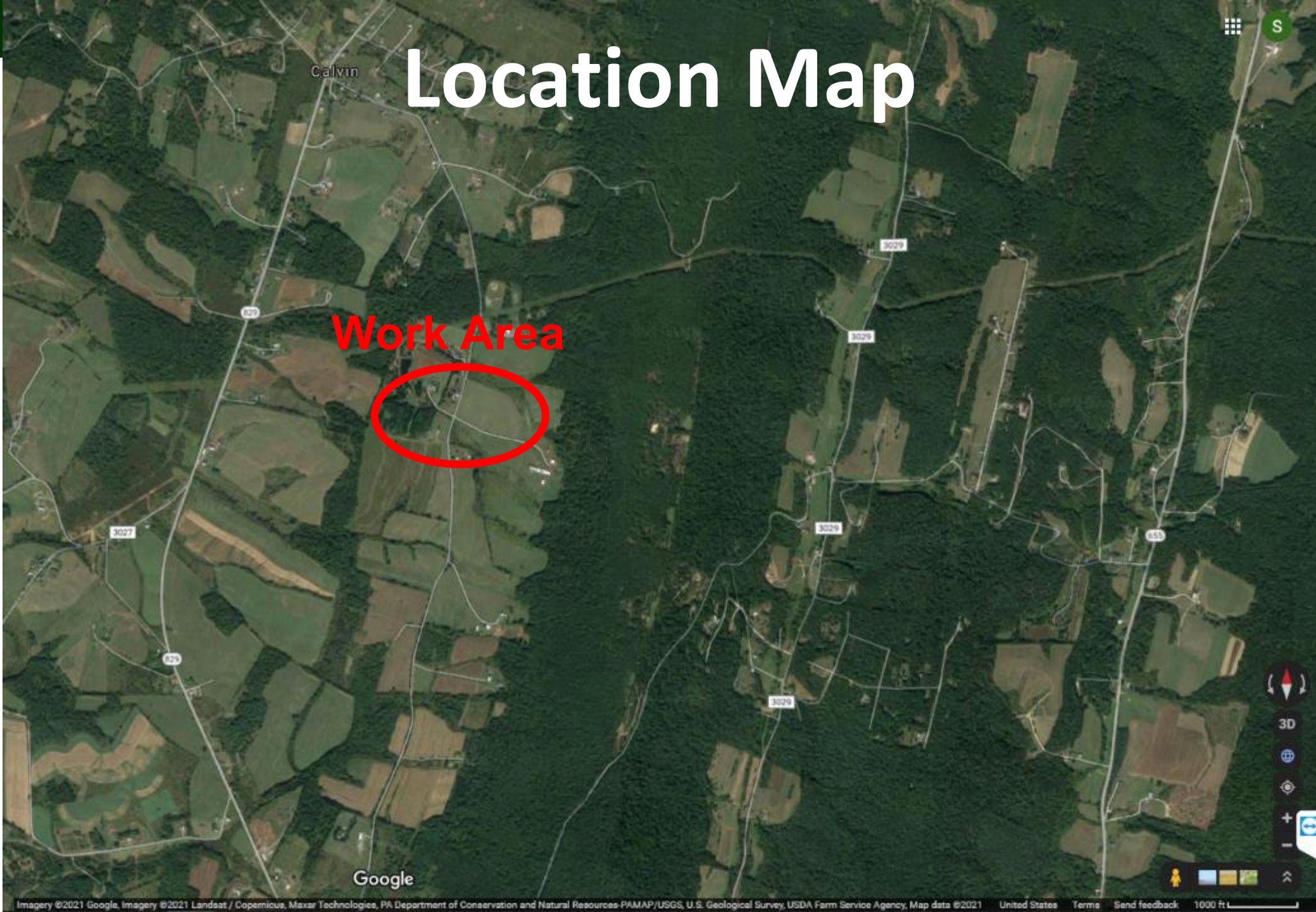
2/1/2023
 Date

- DGLVR Program Introduction
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Location Map

Work Area



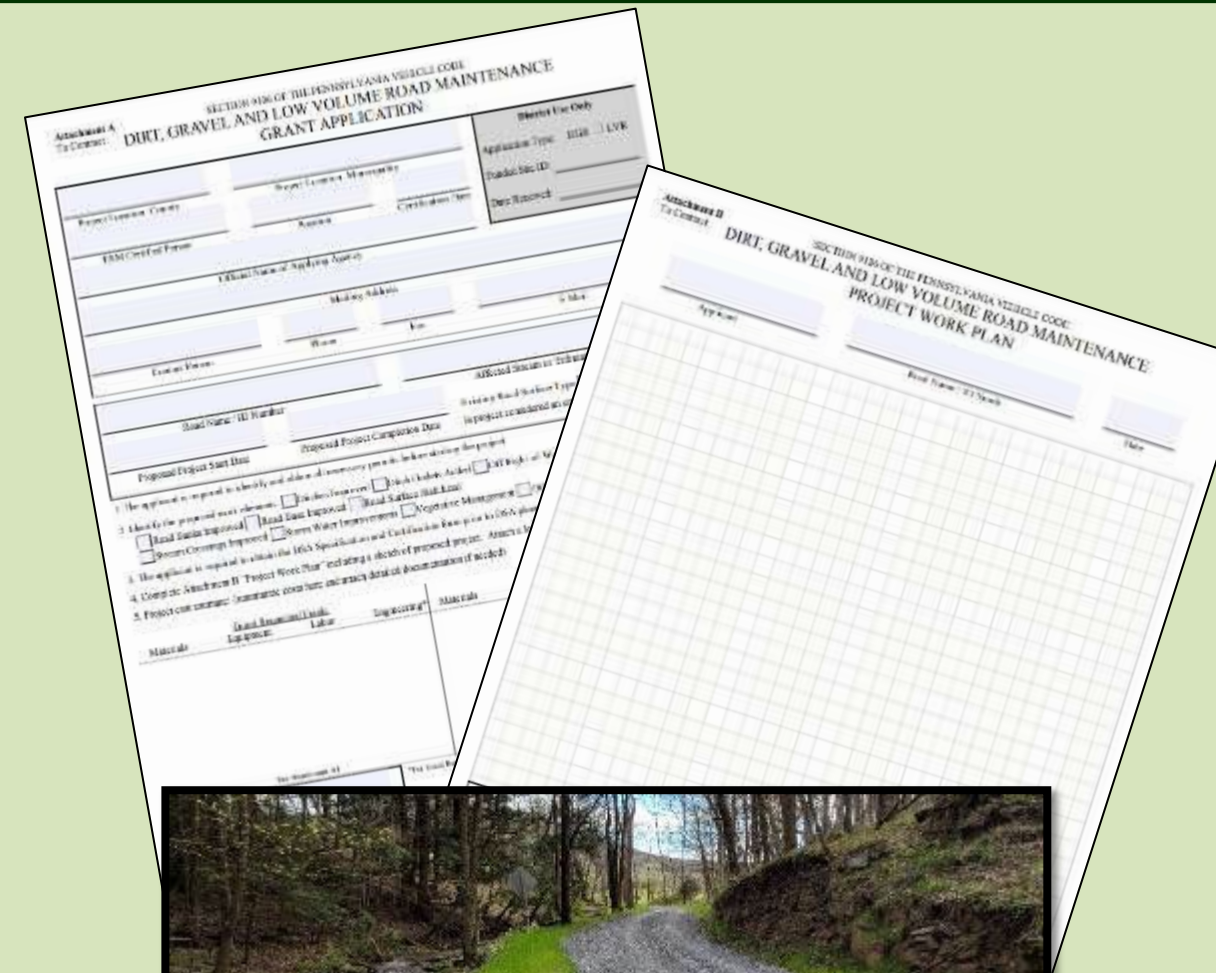
Location Map

Work Area



Google

- DGLVR Program Introduction
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Attachment B
To Contract

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
PROJECT WORK PLAN

Essex Township
Applicant

Any Mountain Rd
Road Name / ID Num



- Instructions:**
- Draw a sketch of the proposed project that includes:
 - All Proposed Work (i.e., Cross Pipes, Stream Crossings, or ESM Practices)
 - Project Road Length in Feet or Miles
 - Nearest Intersection and/or Reference Landmarks
 - Known Utilities
 - North Arrow
 - Attach a copy of a locational map with the project highlighted
 - Attach additional project details as necessary



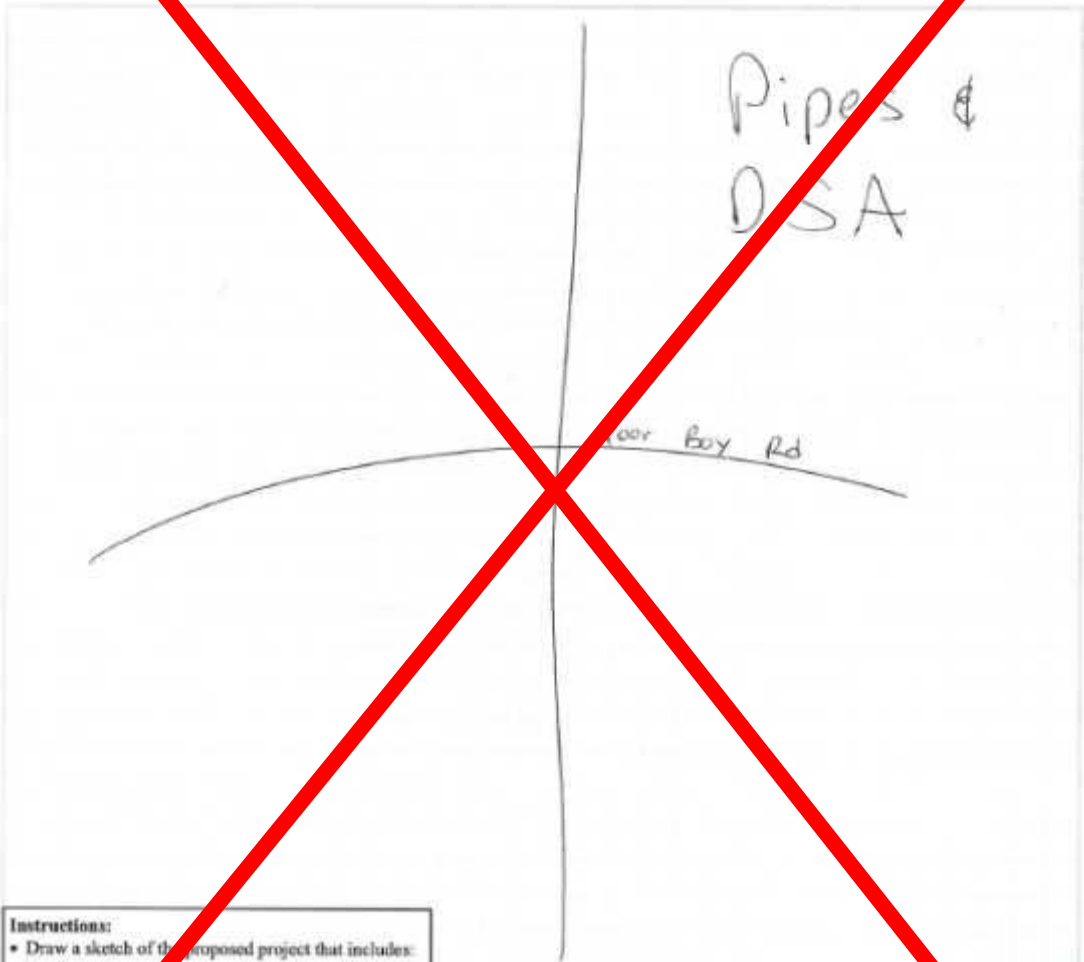
Dial 8-1-1 or 1-800-242-1770 not less than 3 business days nor more than 10 business days prior to the start of excavation.

Project Length = _____ feet / miles (circle one)

North Arrow

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
PROJECT WORK PLAN

Every Township Applicant Any Mountain Rd Road Name / ID Num



- Instructions:**
- Draw a sketch of the proposed project that includes:
 - All Proposed Work (i.e., Cross Pipes, Stream Crossings, Other ESM Practices)
 - Project Road Length in Feet or Miles
 - Nearest Intersection and/or Reference Landmarks
 - Known Utilities
 - North Arrow
 - Attach a copy of a locational map with the project highlighted
 - Attach additional project details as necessary



Project Length = _____ feet / miles (circle one)

North Arrow

Project Work Sketch: The project sketch should detail the practices to be implemented on the road in plan view. Items such as new culverts, turnouts, streams, etc. should be identified on the sketch. Hand drawn sketches are acceptable. Below is a sample work sketch that could be placed in the body of the Project Work Plan.

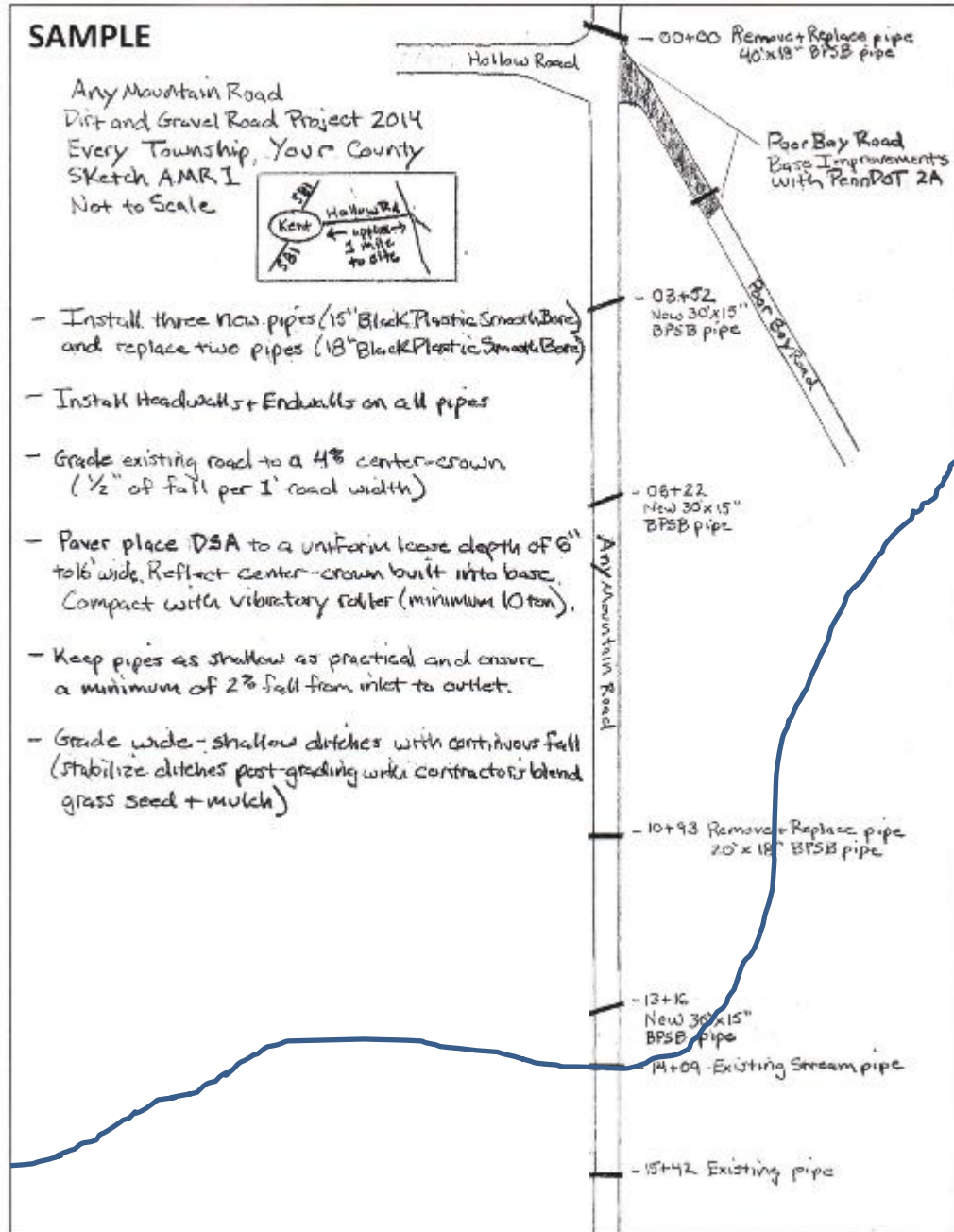
SAMPLE

Any Mountain Road
Dirt and Gravel Road Project 2014
Every Township, Your County
Sketch AMR I
Not to Scale

- Install three new pipes (15" Black Plastic Smooth Bore) and replace two pipes (18" Black Plastic Smooth Bore)
- Install Headwalls + Endwalls on all pipes
- Grade existing road to a 4% center-crown (1/2" of fall per 1' road width)
- Paver place DSA to a uniform base depth of 6" to 6' wide. Reflect center-crown built into base. Compact with vibratory roller (minimum 10 ton).
- Keep pipes as shallow as practical and ensure a minimum of 2% fall from inlet to outlet.
- Grade wide - shallow ditches with continuous fall (stabilize ditches post-grading with contractor's blend grass seed + mulch)

Stationing and work items:
 00+00 Remove + Replace pipe 40' x 18" BPSB pipe
 03+52 New 30' x 15" BPSB pipe
 06+22 New 30' x 15" BPSB pipe
 10+93 Remove + Replace pipe 20' x 18" BPSB pipe
 13+16 New 30' x 15" BPSB pipe
 14+09 Existing Stream pipe
 15+42 Existing pipe

Project Work Sketch: The project sketch should detail the practices to be implemented on the road in plan view. Items such as new culverts, turnouts, streams, etc. should be identified on the sketch. Hand drawn sketches are acceptable. Below is a sample work sketch that could be placed in the body of the Project Work Plan.



Filling out the Application

Project Sketch Tips

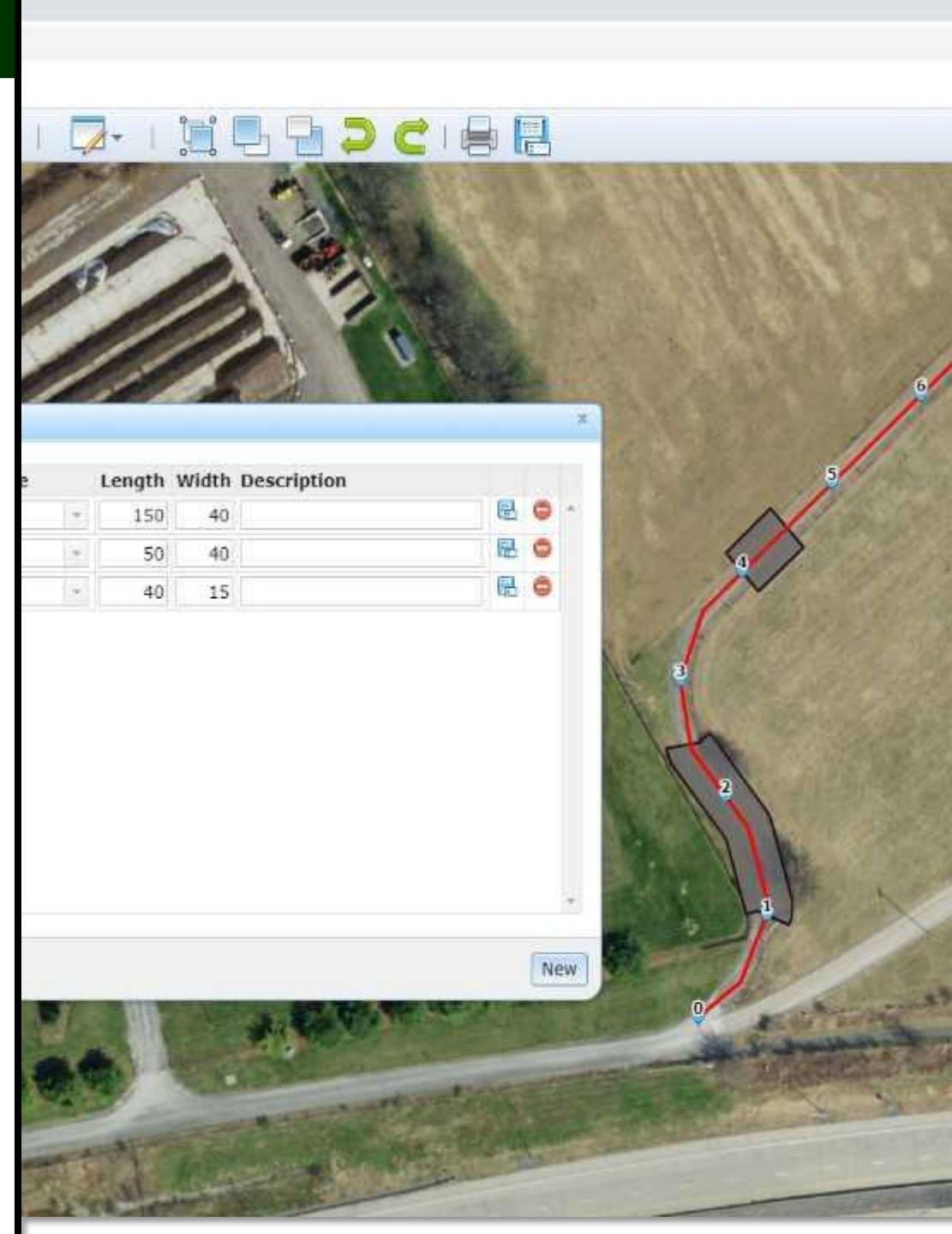
Show approximate location, shape, and size of:

- Road
- Project features
 - cross pipes, French mattress, ditch reshaping, road fill, etc.
 - 3 dimensions
 - Materials notes
- Streams
- Landmarks (big tree, fence, utility, mailbox, house, etc.)
- Property lines

Filling out the Application

GIS Project Sketch Tool

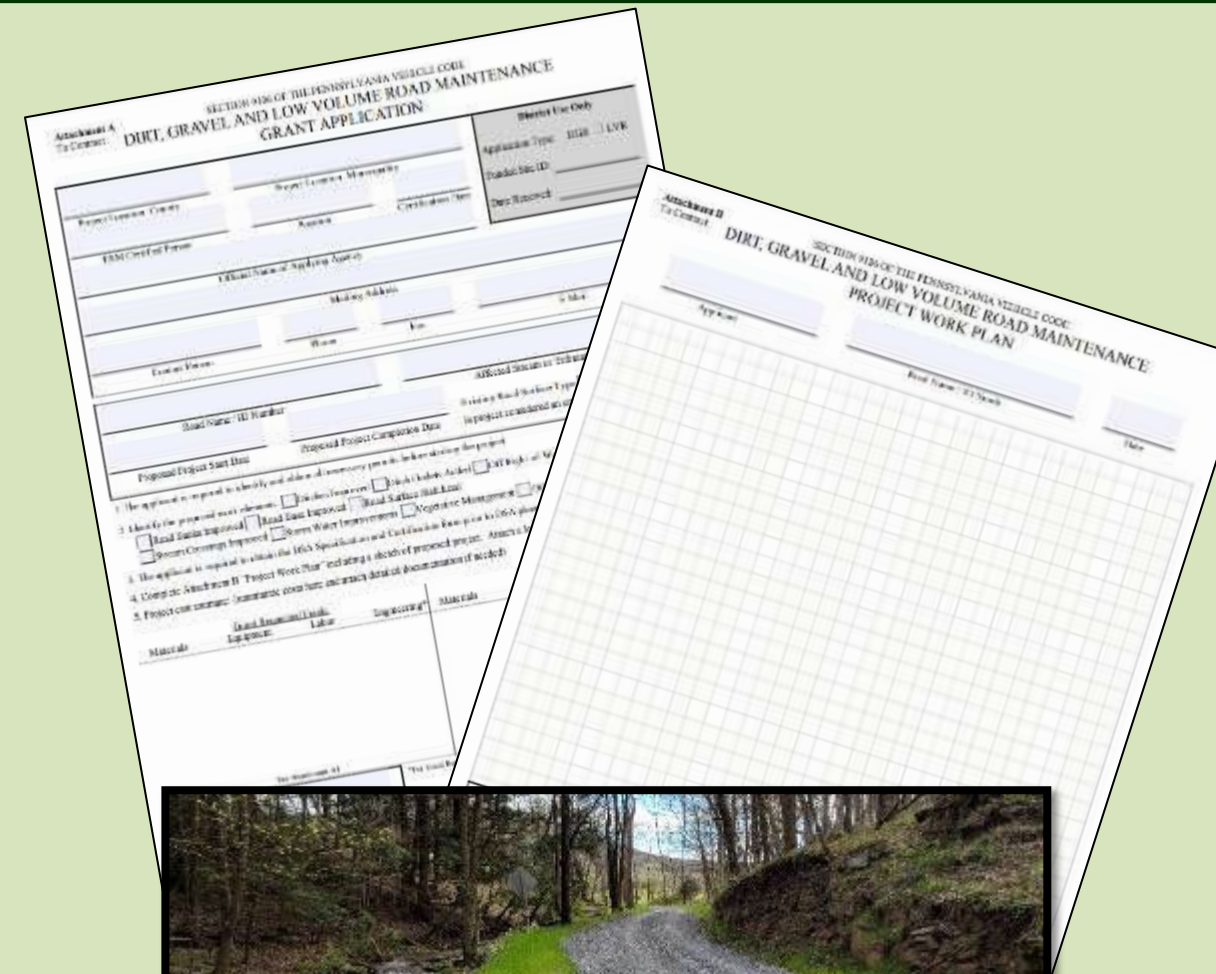
- CDGRS has been working to develop updated project sketch capability in the GIS
- Currently being tested and will be available to districts soon
- Includes:
 - Draw on map to scale
 - Stationing
 - Standardized practices (pipe, underdrain, etc.)
 - Can print and attach to grant app



Engineered drawings are not required for the DGLVR grant application, but can be included



- DGLVR Program Introduction
- Eligibility for DGLVR Grant funds
- **Filling out the Grant Application**
 - Page 1
 - Location map
 - Project sketch
 - **Cost estimate**
 - Attachments
- What to do if you need help



1. The applicant is required to identify and obtain all necessary permits before starting the project.
2. Identify the proposed work elements: Ditches Improved Ditch Outlets Added Off Right-of-Way Improvements
 Road Banks Improved Road Base Improved Road Surface Stabilized
 Stream Crossings Improved Storm Water Improvements Vegetative Management Other _____
3. The applicant is required to obtain the DSA Specification and Certification form prior to DSA placement.
4. Complete Attachment B "Project Work Plan" including a sketch of proposed project. Attach a locational map with the project highlighted.

5. Project cost estimate: (summarize costs here and attach detailed documentation if needed)

<u>Grant Requested Funds</u>			<u>In-Kind Contributions</u>		
Materials	Equipment	Labor	Materials	Equipment	Labor
DSA: \$10,000 Pipes: \$10,000 Etc....			Township labor to install project: \$3,590		
See Attachment A1			See Attachment A2		

Grant Requested.....	\$ 24,775.00
In-Kind Contributions.....	\$ 3,590.00
Total Project Value.....	\$ 28,365.00


 Applicant Signature

2/1/2023
 Date

Developing a Cost Estimate

- Start with a project plan
 - Sketch/draw your plan
- Create materials list
- Find out how much the materials costs
- Find out how much installing the project will cost
- Consider:
 - Do you have the labor and equipment to install the project yourself?
 - Will you hire a contractor?

Attachment A1
to Contract
(optional)

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
DETAILED ESTIMATED PROJECT EXPENDITURES

GRANT REQUESTED FUNDS

Use best estimates and complete as much info as possible.

Materials*				Equipment				Labor**			
Type	Unit Cost	Qty	Cost \$	Type	Hours	FEMA* Rate/Hr	Cost \$	Type	Rate/Hr	Hours	Cost \$
Total Materials \$			Total Equipment \$				Total Labor \$				
							Engineering*				
							Total Engineering \$				

* FEMA rates are only applicable where municipality-owned equipment is used otherwise use contracted rates.

** Prevailing wage may apply to projects over \$25,000 when a contractor is involved.

*For Grant Requested Funds, Engineering costs cannot exceed \$25,000 or 20% of the total grant amount requested.

Total Grant Requested: \$ _____ (materials + equipment + labor + engineering)

Applicant _____

County _____

Road Name / ID Number _____

Date _____

Attachment A2
to Contract
(optional)

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
DETAILED ESTIMATED PROJECT EXPENDITURES

IN-KIND FUNDS

Use best estimates and complete as much info as possible.

Materials*				Equipment				Labor**			
Type	Unit Cost	Qty	Cost \$	Type	Hours	FEMA* Rate/Hr	Cost \$	Type	Rate/Hr	Hours	Cost \$
Total Materials \$			Total Equipment \$				Total Labor \$				
							Engineering				
							Total Engineering \$				

* FEMA rates are only applicable where municipality-owned equipment is used otherwise use contracted rates.

** Prevailing wage may apply to projects over \$25,000 when a contractor is involved.

Total In-Kind Contributions: \$ _____ (materials + equipment + labor + engineering)

Applicant _____

County _____

Road Name / ID Number _____

Date _____

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
DETAILED ESTIMATED PROJECT EXPENDITURES
GRANT REQUESTED FUNDS

Provide the best estimates and complete as much info as possible.

Materials*				Equipment				Labor ^o			
Type	Unit Cost	Qty	Cost \$	Type	Hours	FEMA* Rate/Hr	Cost \$	Type	Rate/Hr	Hours	Cost \$
Total Materials \$				Total Equipment \$				Total Labor \$			
Engineering⁺											
Total Engineering \$											

* FEMA rates are only applicable where municipality-owned equipment is used otherwise use contracted rates.

^oPrevailing wage may apply to projects over \$25,000 when a contractor is involved.

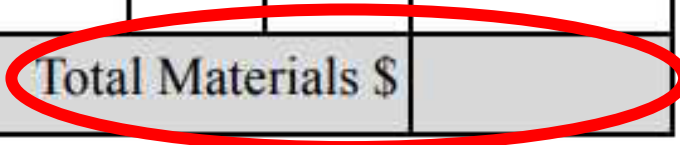
⁺For Grant Requested Funds, Engineering costs cannot exceed \$25,000 or 20% of the total grant amount requested.

Total Grant Requested: \$ _____ (materials + equipment + labor + engineering)

Applicant _____ County _____ Road Name / ID Number _____ Date _____

Materials*			
Type	Unit Cost	Qty	Cost \$
DSA	\$30/	800	\$24,000
	ton	tons	
Total Materials \$			

X =



SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
DETAILED ESTIMATED PROJECT EXPENDITURES
GRANT REQUESTED FUNDS

Use best estimates and complete as much info as possible.

**Up to 20% of the grant
(max \$25k) can be used
for engineering costs
incurred AFTER a contract
is signed**

Materials*				Equipment				Labor ^o			
Type	Unit Co	Qty	Cost \$	Type	Hours	FEMA* Rate/Hr	Cost \$	Type	Rate/Hr	Hours	Cost \$
Total Materials \$				Total Equipment \$				Total Labor \$			
Total Materials \$				Total Equipment \$				Engineering⁺			
Total Materials \$				Total Equipment \$				Total Engineering \$			

* FEMA rates are only applicable where municipality-owned equipment is used otherwise...

^o Prevailing wage may apply to projects over \$25,000 when a contractor is bonded

⁺ For Grant Requested Funds, Engineering costs cannot exceed \$25,000 or 20% of the total grant amount requested.

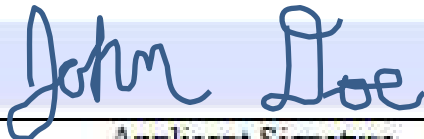
Total Grant Requested: \$ _____ (materials + equipment + labor + engineering)

Applicant _____ County _____ Road Name / ID Number _____ Date _____

1. The applicant is required to identify and obtain all necessary permits before starting the project.
2. Identify the proposed work elements: Ditches Improved Ditch Outlets Added Off Right-of-Way Improvements
 Road Banks Improved Road Base Improved Road Surface Stabilized
 Stream Crossings Improved Storm Water Improvements Vegetative Management Other _____
3. The applicant is required to obtain the DSA Specification and Certification form prior to DSA placement.
4. Complete Attachment B "Project Work Plan" including a sketch of proposed project. Attach a locational map with the project highlighted.
5. Project cost estimate: (summarize costs here and attach detailed documentation if needed)

<u>Grant Requested Funds</u>			<u>In-Kind Contributions</u>		
Materials	Equipment	Labor	Materials	Equipment	Labor
See attached sheets			See Attachment A2		

Grant Requested..... \$	\$24,775.00
In-Kind Contributions..... \$	\$3,590.00
Total Project Value..... \$	\$28,365.00


 Applicant Signature

5/1/2021
 Date

Microsoft Edge PDF Viewer

For Grant Requested Funds, Engineering costs cannot exceed 20% of the total grant amount requested. The entered Engineering amount will be reset to zero.

OK

DIRT, G
DE

loud | [T] Add text | [v]

ANCE
S

Use best estimates and complete as much info as possible.

Materials*	
Qty	Cost \$
800	24,000.00
	0.00
	0.00

Equipment			
Type	Hours	FEMA* Rate/Hr	Cost \$
			0.00
			0.00
			0.00

Labor ^o		
Type	Rate/Hr	Hours

January 4, 2023

ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST
Avenue Drainage Improvements

Item	Description	Quantity	Unit	Unit Price	Escrow
1	MOBILIZATION	1	LS	\$ 15,000.00	\$ 15,000.00
	Subtotal				\$ 15,000.00
2	EROSION CONTROL				
	Inlet Protection	7	EA	\$ 200.00	\$ 1,400.00
	Erosion Control Blanket	100	SF	\$ 1.00	\$ 100.00
	Subtotal				\$ 1,500.00
3	STORMWATER MANAGEMENT				
	18" HDPE Pipe	255	LF	\$ 150.00	\$ 38,250.00
	Type C Inlet	5	EA	\$ 5,000.00	\$ 25,000.00
	Manhole	2	EA	\$ 7,000.00	\$ 14,000.00
	Water Quality Structure - TerreKleen TK18	1	EA	\$ 40,000.00	\$ 40,000.00
	Connection to Existing Inlet	2	EA	\$ 2,000.00	\$ 4,000.00
	Subtotal				\$ 121,250.00
4	CONCRETE				
	Concrete Curb	25	LF	\$ 75.00	\$ 1,875.00
	ADA Ramps	2	EA	\$ 3,500.00	\$ 7,000.00
	Subtotal				\$ 8,875.00
5	ASPHALT PAVING				
	Full Depth Trench Restoration	125	SY	\$ 100.00	\$ 12,500.00
	Subtotal				\$ 12,500.00
	SUBTOTAL:				\$ 159,125.00
	DESIGN, CONSTRUCTION DOCS, AND INSPECTIONS				\$ 38,031.25
	TOTAL:				\$ 197,156.25

A cost estimate prepared by an engineer or contractor can be attached to the grant application

Make sure to specify which costs the grant will pay for and which will be in-kind

Anticipate cost increases by the time you go to construction

Don't forget to budget for all project components, including Erosion & Sedimentation (E&S) Controls

Don't forget to budget for Prevailing Wage

Attachment A1
to Contract
(optional)

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
DETAILED ESTIMATED PROJECT EXPENDITURES
GRANT REQUESTED FUNDS

Use best estimates and complete as much info as possible.

Type	Equipment		Labor ^o			
	FEMA*	Cost \$	Type	Rate/Hr	Hours	Cost \$
Total Equipment \$			Total Labor \$			

Attachment A2
to Contract
(optional)

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
DETAILED ESTIMATED PROJECT EXPENDITURES
IN-KIND FUNDS

Use best estimates and complete as much info as possible.

Type	Materials*		Equipment			Labor ^o					
	Unit Cost	Qty	Cost \$	Type	Hours	FEMA* Rate/Hr	Cost \$	Type	Rate/Hr	Hours	Cost \$
Total Materials \$				Total Equipment \$				Total Labor \$			

FEMA only applicable where municipality-owned equipment is used otherwise use contracted rates.

^oPrevailing wage may apply to projects over \$25,000 when a contractor is involved.

Applicant

Total In-Kind Contributions: \$

Date

Contract

Total

Engi

Make sure to budget for all project components

Example: What do you need to install a cross pipe?

- Pipe
- Connector/grease
- Headwalls and endwalls
- Back fill
- Equipment and labor
- Compaction equipment
- Backhoe/excavator
- Skid loader?
- Truck to haul waste material?



Erosion and Sediment (E&S) Controls

- Prevent loose earth disturbed during construction from washing away
- Best management practices to reduce erosion can include free practices:
 - Don't work in the rain
 - Don't leave disturbed earth if it's going to rain over night/the next day
 - Fill/cover any trenches the same day you dig them
 - Complete stream work when the water flow is low

E&S Controls to budget for

Erosion blanket



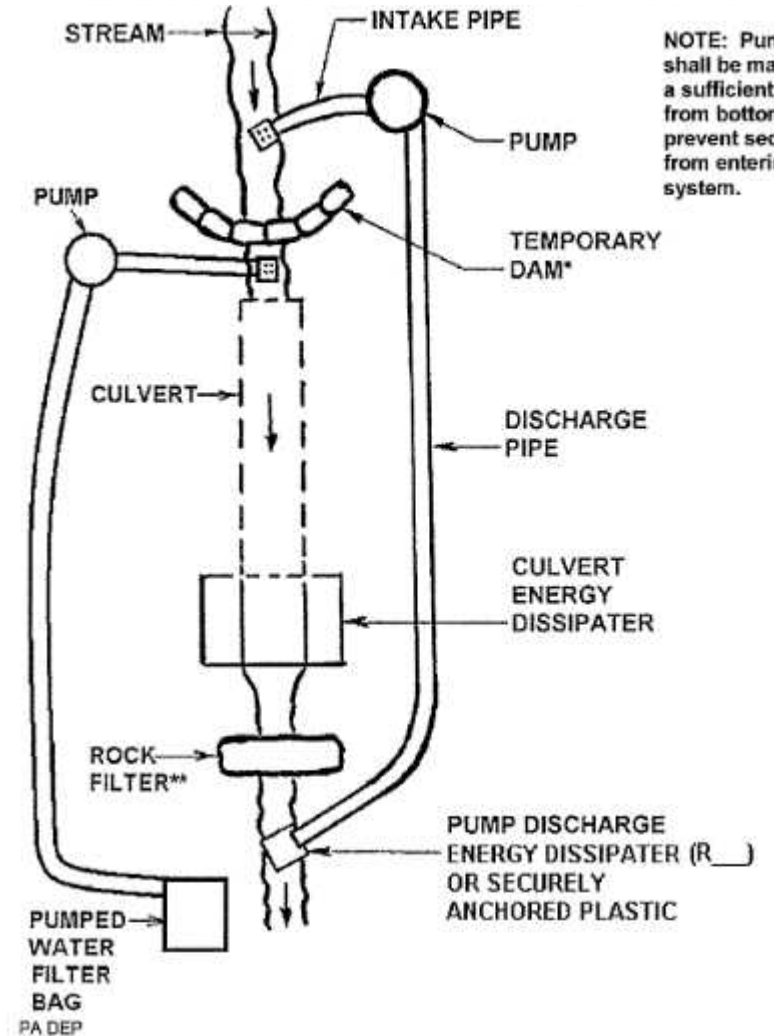
Inlet Filter Bag



Grass seed and mulch



Water pump around system



ALWAYS seed and mulch



Prevailing Wage

- DGLVR projects totaling \$25,000 or more must pay prevailing wage to contracted labor
 - See “Frequently Asked Questions about Prevailing Wage Document”
 - You can look up PW rate determinations in your area to estimate PW costs
 - Ask contractors for cost estimates at PW rates

Prevailing Wage

–See recorded webinars from 2022

<https://dirtandgravel.psu.edu/education-training/webinars/past-webinars/>

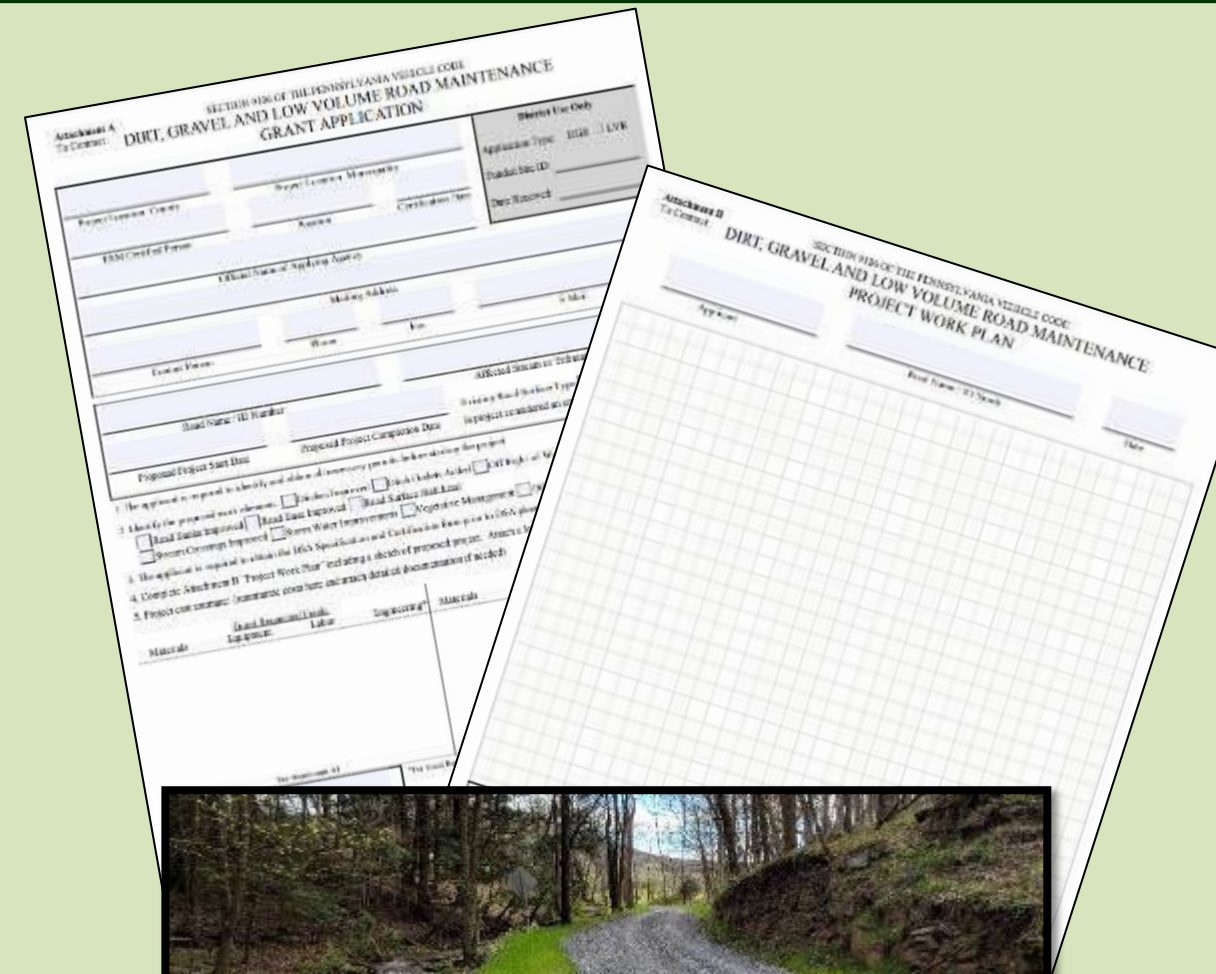
- January 27: Prevailing Wage

- This webinar provided an overview of Prevailing Wage requirements for DGLVR Program with some updated examples.
- Webinar Download (72.2 MB): MP4 format (~34 minutes)

- April 7: Prevailing Wage II

- This webinar was the second part of an earlier PW webinar this spring, with this webinar involving invited speakers. Speakers from the U.S. Department of Labor and PA Department of Labor and Industry joined this webinar to discuss Prevailing Wage and answer questions related to the DGLVR Program.
- Webinar Download (344 MB): MP4 format (~1 hour, 37 minutes)

- DGLVR Program Introduction
- Eligibility for DGLVR Grant funds
- **Filling out the Grant Application**
 - Page 1
 - Location map
 - Project sketch
 - Cost estimate
 - **Attachments**
- What to do if you need help



- Traffic count for LVR Projects

Dirt, Gravel, and Low Volume Road Maintenance Program (DGLVRP)
Traffic Count Validation Form

TRAFFIC COUNT LOCATION

Road Name and #: _____ Road Owner: _____

County: _____ Township: _____

GPS Location (if available): _____ W, _____ N

If GPS location not available, describe count location here: _____

(for example: Traffic count on Smith road, 1/2 mile north of intersection with SR180, Maple road.)

Traffic Counts can be validated by use of existing data, a level 1 two-hour count, or a level 2 twenty-four-hour counts. Select the method used below and complete that section of the form.

Existing Data or Extrapolation: For existing traffic data, or extrapolation of existing data, describe the data used and extrapolation method on the back of this page. If necessary, attach a description of the data and extrapolation methodology, source and date of traffic counts used, and maps.

LEVEL 1 TRAFFIC COUNT DETAILS (2 hour count)

Count Performed From / / to / /
Date Time Date Time

Describe Count Method: (hand/camera/counter/etc.) _____

Count Performed by: _____ of _____
(name) (organization)

Total Count = _____ vehicles x 12 = _____ ADT

LEVEL 2 TRAFFIC COUNT DETAILS (24 hour (minimum) automatic count)

Count Length: **24hr** 48hr 72 hour other: _____

Count Performed From / / to / /
Date Time Date Time

Counter Used: air tube other: _____ Counter Make/Model: _____

Count Performed by: _____ of _____
(name) (organization)

Total Count = _____ 24 hour count = _____ ADT

Applicant Validation: I hereby swear that this count is accurate as reported here and done in accordance with State Conservation Commission specifications.

_____ print name position signature date

Conservation District Validation: The traffic count data supplied by the applicant is acceptable to the Conservation District in accordance with SCC and county policy.

_____ print name position signature date

This form verifies eligibility of a sealed road for LVR funding as having a traffic count of 500 vehicles per day or less. It must be signed and retained in the project files.

- Traffic count for LVR Projects
- Landowner consent for off right-of-way work

Consent, license and release agreement

between _____ (road-owning entity) and _____ (landowner)

Whereas,
BACKGROUND: The _____ (Herein referred to as "Road Owning Entity") and the undersigned have agreed that employees, agents or contractors of Road Owning Entity may enter the undersigned's land to cut, open, maintain, clean and repair drains and ditches on the undersigned's lands as deemed necessary by the Road Owning Entity to properly maintain the roads for the benefit of the undersigned and all residents. The undersigned acknowledges that he/she has been informed of and understands the scope of the work which the Road Owning Entity intends to perform on his/her lands for this purpose.

AGREEMENT: For and in consideration of the benefits accruing from proper maintenance of Road Owning Entity roads and the undersigned's drainage facilities, I/we, the undersigned, intending to be legally bound hereby agree as follows:

- 1. Certification of Ownership of Lands and Authority to Sign:** The undersigned certifies that the following persons are all the persons with ownership interest in the property described below (Herein referred to as "Subject Property") and that, if all owners have not signed this Consent, License and Release, he or she as one of these owners has been authorized by all owners to sign this Consent, License and Release on their behalf.

<u>Owners and Property Addresses</u>	<u>Property Description</u>

- 2. Scope of Work (describe work to be done):**

- 3. License & Consent:** The undersigned, for and on the property, grant(s) a license to Road Owning Entity to the entry of Road Owning Entity of

the above-described property for purposes of implementing the practices described in the "scope of work" above, and for the future maintenance of those practices. This consent shall be valid and effective for the life expectancy of the practices implemented.

- 4. Release:** The undersigned do/does for himself/himself, their spouse, personal representatives, heirs, successors and assigns, forever release and discharge Road Owning Entity, its officials, officers, agents, servants and employees and any other persons or entities acting with or on behalf of the Road Owning Entity (Released Parties) of and from any and all claims, liabilities, actions and demands of any and all natures whatsoever, including but not limited to any and all claims for property damage or bodily injury which may arise from or be in any way related to any acts or omissions of the Release Parties relating to the practices described in the "scope of work" above, and for the future maintenance of those practices.
- 5. Binding on Successors:** This Consent, License and Release shall be binding on Grantors successors, representatives and assigns.

In Witness Whereof, I/we have executed this agreement, certificate, consent and release this _____ day of _____, 20____.

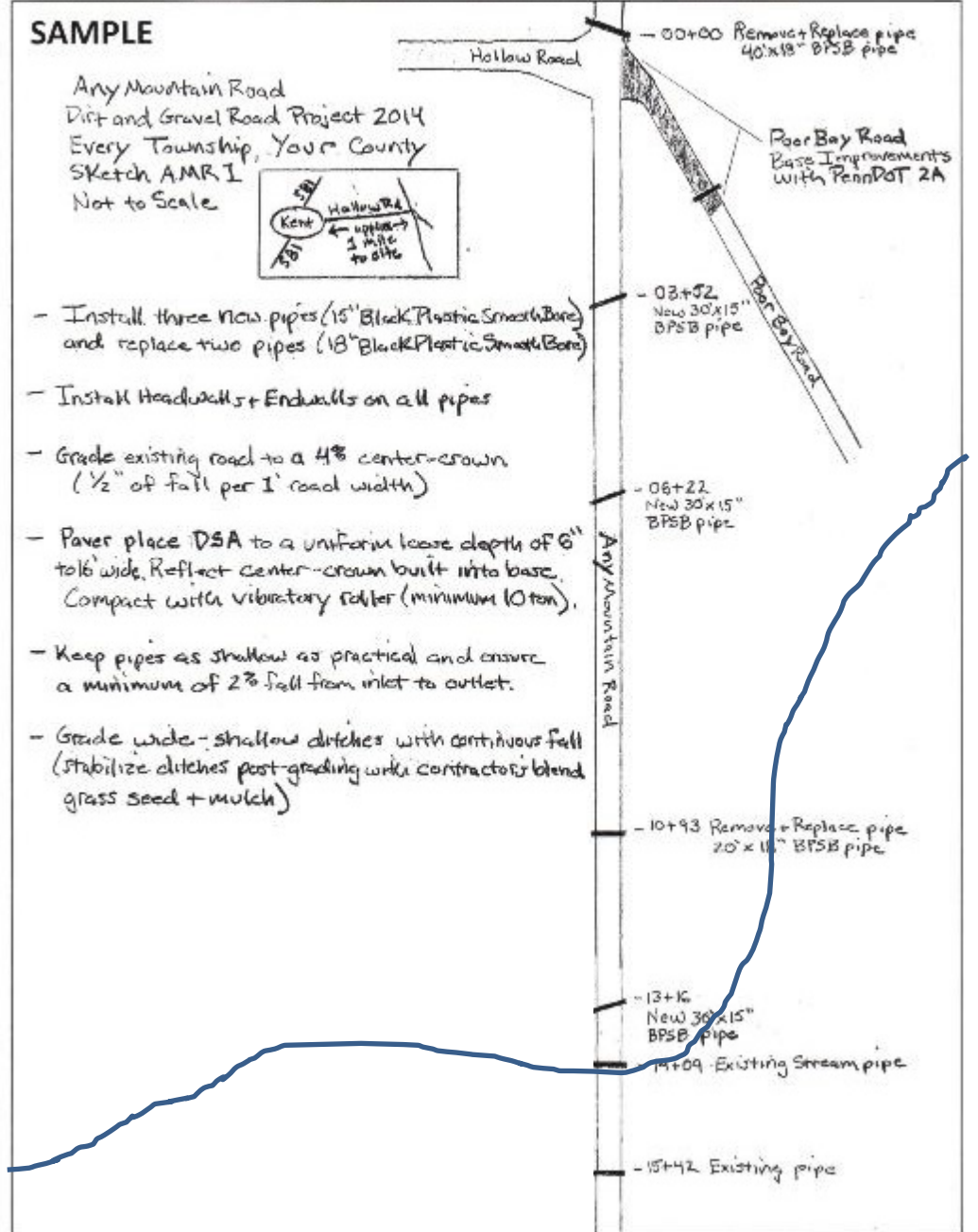
_____	_____	_____
Printed Landowner Name	Landowner Signature	Date
_____	_____	_____
Printed Witness Name	Witness Signature	Date

- Traffic count for LVR Projects
- Landowner consent for off right-of-way work
- Permits

Any required project permits must be obtained by the grant recipient before work can begin on the portion of the project related to the permit.

- Traffic count for LVR Projects
- Landowner consent for off right-o
- Permits
- Project Narrative

Project Work Sketch: The project sketch should detail the practices to be implemented on the road in plan view. Items such as new culverts, turnouts, streams, etc. should be identified on the sketch. Hand drawn sketches are acceptable. Below is a sample work sketch that could be placed in the body of the Project Work Plan.



- Traffic count for LVR Projects
- Landowner consent for off right-of-way work
- Permits
- Project Narrative
- Before Photos

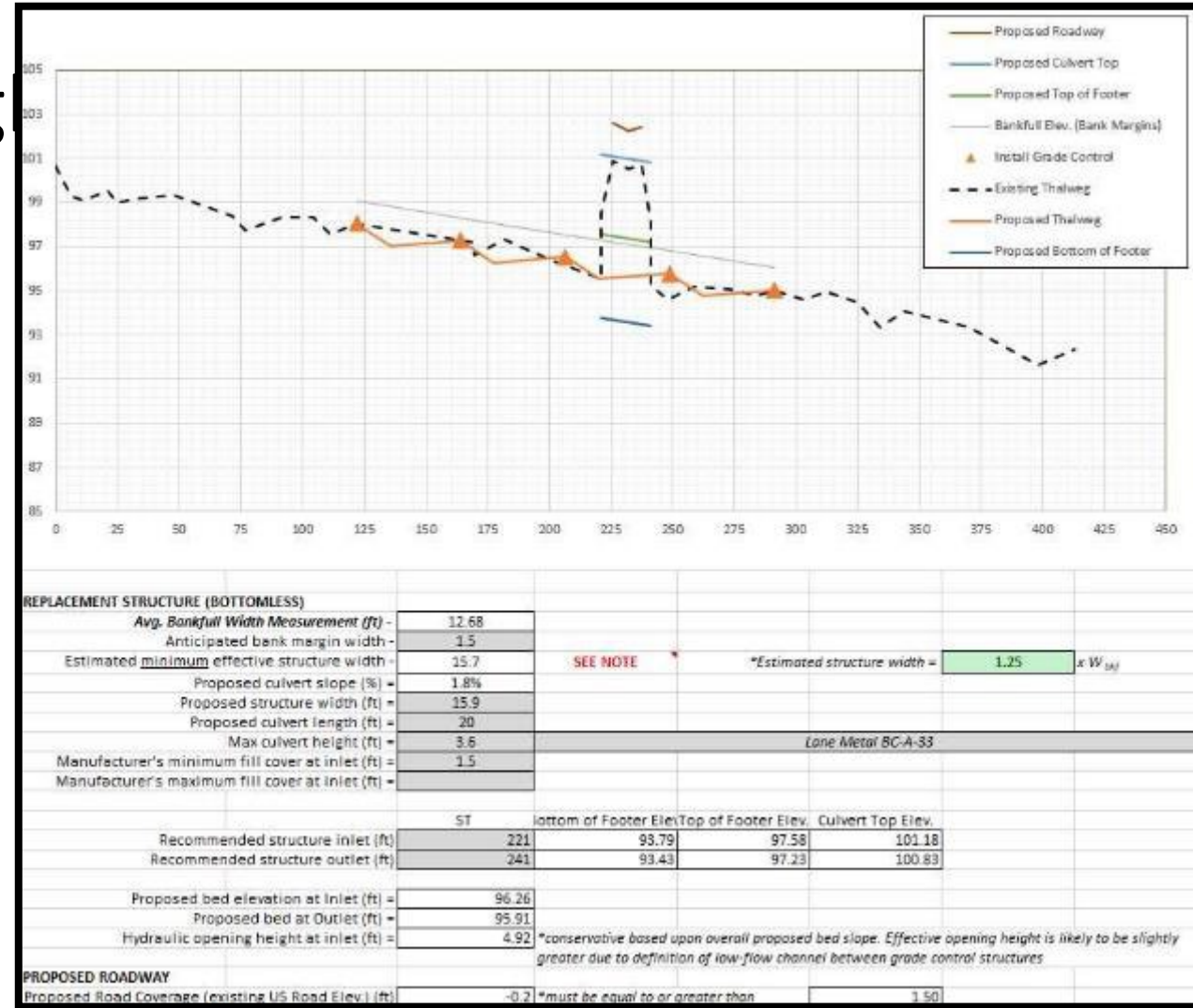


- Traffic count for LVR Projects
- Landowner consent for off right
- Permits
- Project Narrative
- Before Photos
- Additional Design Details
 - Technical assistance

Example Stationing Document

<u>Station</u>	<u>Description</u>
00+00	project start at top of hill (western end of project).
00+25	remove artificial berm on downhill side of road (continue berm removal along project length as needed).
00+50	driveway (northern side of road) – leave existing plastic driveway pipe. Build headwall and endwall. Regrade bottom of driveway to keep water from washing onto public road.
01+00	Install new cross pipe. 18" diameter plastic pipe with stone headwall/endwall. 40 ft long.
01+50	existing ditch turn-out. Leave in place.
02+15	Existing cross pipe – corrugated metal, rusted out. Replace with new 18" plastic pipe with stone headwall/endwall. 35 ft long.
03+40	install new cross pipe and through the bank pipe – outlet the through the bank pipe in tree line. **requires written & signed off-ROW permission from landowner. 70 ft total length.
03+75	begin underdrain on uphill side of road and continue for 100 ft.
04+00	existing ditch turnout – unstable dirt. Grass seed & mulch.
04+75	run underdrain across road and outlet in stable grassy area. Adds 40 ft to underdrain length.
04+90	existing concrete pipe – replace with new 18" plastic pipe with stone headwall/endwall. 35 ft long.
05+75	end project at stream crossing with UNT to Juniata River. Crossing is in good condition.

- Traffic count for LVR Projects
- Landowner consent for off right
- Permits
- Project Narrative
- Before Photos
- Additional Design Details
 - Technical assistance
 - Stream crossing design



- Traffic count for LVR Project
- Landowner consent for o
- Permits
- Project Narrative
- Before Photos
- Additional Design Details
 - Technical assistance
 - Stream crossing design
 - Technical Bulletins

Technical Bulletin Shallow Crosspipes

1/2019
Center for Dirt and Gravel Road Studies

SHALLOW CROSSPIPE * – A drainage culvert (road ditch outlet) installed to discharge at natural ground elevation, avoiding the need for an outlet trench or "tail-ditch."

* Please also see the Center's related technical bulletin...

The key to a **shallow crosspipe** is to allow the crosspipe elevation. Natural Ground Elevation sit... A traditional crosspipe, illustrated on the left, is installed by excavating deeper into the road. This method is a constant source of maintenance and erosion. By... it drains to natural ground. Pipe cover is then obtained from the road. The best way to understand a shallow pipe is to compare it to a **Deep Pipe**.

Deep Pipe

Road
Compacted Pipe Fill >12"
30" deep
15" inside diameter
Natural Ground
Tail-ditch

Looking at the crosspipe outlet, comparing deep and shallow pipe placement. Shallow pipe placements are based off the natural ground elevation.

Deep Pipe

The publisher of this publication gratefully acknowledges the financial support of the PA State Conservation Commission. For additional information or assistance, contact: Center for Dirt & Gravel Road Studies, Penn State University, Park, PA, 16802. Toll-Free Phone: 1-800-688-6883, Fax: 814-863-4751, Email: cdlr@psu.edu or on our website at: <https://www.dirtandgravel.com>. © 2019 All rights reserved.

Technical Bulletin Constructed Stone Underdrains

1/2019
Center for Dirt and Gravel Road Studies

INSTALLATION SEQUENCE
The following details the installation of a constructed stone underdrain in an upslope road ditch. Here, the underdrain was installed to collect flow from bank springs and to intercept subsurface flow before it could saturate the road bed. The depth of the excavated trench should allow for the height of the constructed drain and at least 12" of compacted fill over the drain. Ensure continuous fall in the direction of the drain, ensure continuous fall in the direction of the drain.

- 1 Place geotextile fabric in the excavated trench deep enough material to form a double layer.
- 2 Fill lined trench with clean stone, if perforated in the clean stone.
- 3 Wrap the fabric around the stone to prevent clean fill from surrounding the stone.
- 4 Place at least 12" of fill over the underdrain. If native fill removed during trench excavation is beneath a ditch (as there is a possibility that the native fill above the drain, consider topping the rock that is resistant to erosion. Consider using a rock that is resistant to erosion.

The publisher of this publication gratefully acknowledges the financial support of the PA State Conservation Commission. For additional information or assistance, contact: Center for Dirt & Gravel Road Studies, Penn State University, Park, PA, 16802. Toll-Free Phone: 1-800-688-6883, Fax: 814-863-4751, Email: cdlr@psu.edu or on our website at: <https://www.dirtandgravel.com>. © 2019 All rights reserved.

Technical Bulletin Driving Surface Aggregate

01/2021
Center for Dirt and Gravel Road Studies

Driving Surface Aggregate (DSA): Developed by Penn State's Center for Dirt and Gravel Road Studies, DSA is a mixture of crushed stone developed specifically as a surface wearing course for unpaved roads. DSA has a unique particle size distribution designed to maximize packing density and produce a durable road surface that performs better than conventional aggregates (which are usually designed for drainage or fill).

Figure 1: Placement of DSA through a paver.

Inside the DSA: Larger particles locked tightly in place by smaller particles and fines.

DSA Components, ACTUAL SIZE
The percentages below represent a "midline" or average DSA. Allowable ranges for each size are given inside.

- 1.5" → 100% of the aggregate in DSA is smaller than this 1.5" stone.
- 0.75" → 20% of the aggregate in DSA is between 1.5" and ¾"
- #4 → 33% of the aggregate in DSA is between #4 and #16
- #16 → 25% of the aggregate in DSA is between #4 and #16
- #200 → 10% of the aggregate in DSA is between #16 and #200
- 12.5% of the aggregate in DSA is smaller than #200

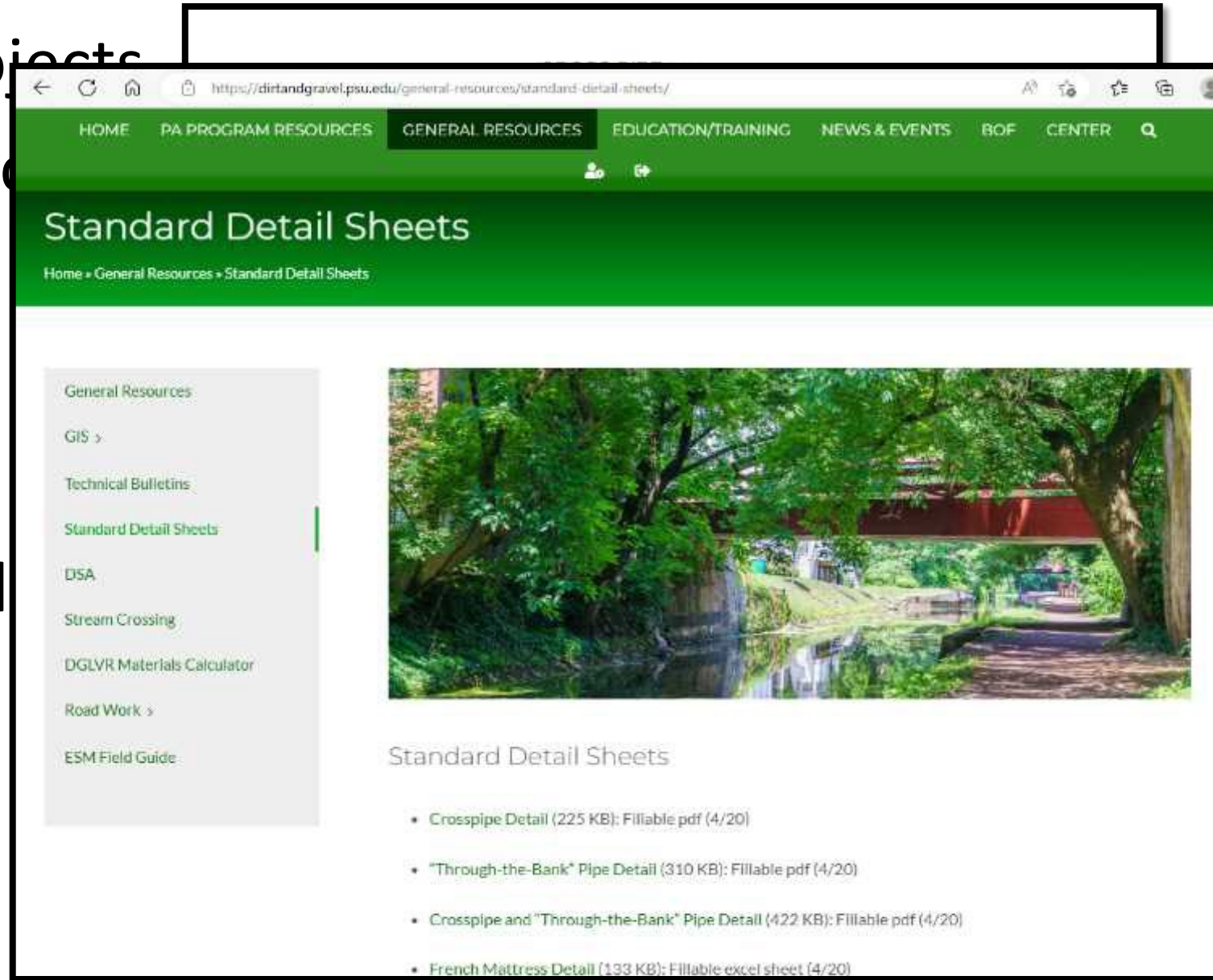
The size you may or may not see here is 0.003" in diameter!

DSA Key Facts:

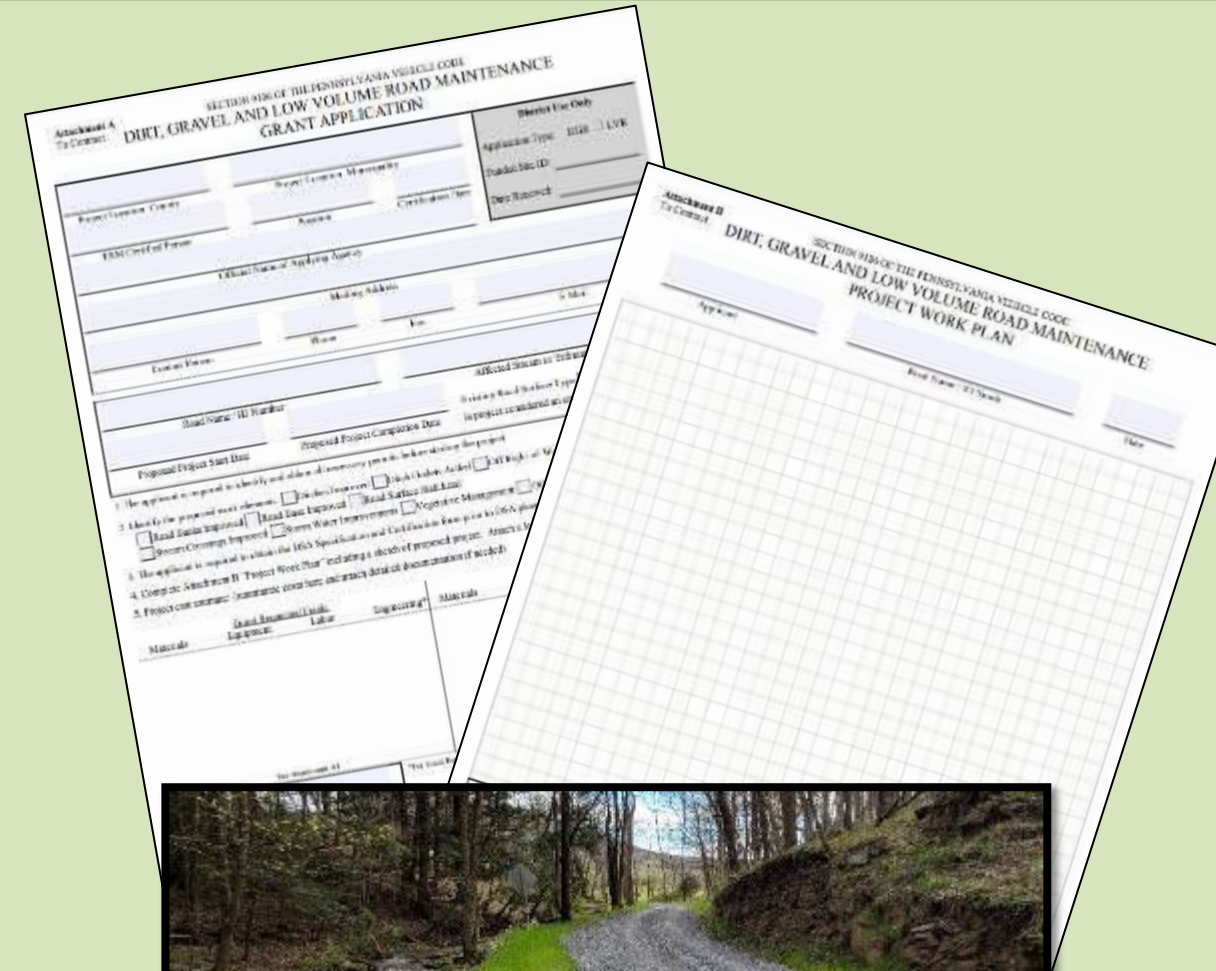
- Designed for maximum compacted density.
- Contains 10%-15% "minus #200" fine material.
- Fine material is crushed rock, not silt or clay.
- Must be delivered at "optimum moisture".
- Should be placed using a motor-paver.
- Should be compacted with 10-ton vibrate roller.
- Can be placed at in an 8" depth and compacted to 6", or in a 6" depth and compacted to 4 3/4".

The publisher of this publication gratefully acknowledges the financial support of the PA State Conservation Commission. For additional information or assistance, contact: Center for Dirt & Gravel Road Studies, Penn State University, Park, PA, 16802. Toll-Free Phone: 1-800-688-6883, Fax: 814-863-4751, Email: cdlr@psu.edu or on our website at: <https://www.dirtandgravel.com>. © 2021 All rights reserved.

- Traffic count for LVR Projects
- Landowner consent for
- Permits
- Project Narrative
- Before Photos
- Additional Design Detail
 - Technical assistance
 - Stream crossing design
 - Technical Bulletins
 - Standard ESM Details



- DGLVR Program Introduction
- Eligibility for DGLVR Grant funds
- Filling out the Grant Application
 - Page 1
 - Location map
 - Project sketch
 - Cost estimate
 - Attachments
- **What to do if you need help**



- Reach out to your local County Conservation District
- The Center for Dirt and Gravel Road Studies Website also includes information on all PA County Conservation Districts

The screenshot shows a web browser displaying the Penn State Center for Dirt and Gravel Road Studies website. The URL in the address bar is <https://dirtandgravel.psu.edu/pa-program-resources/conservation-districts/>. The website features a dark blue header with the Penn State logo and the text "PennState Center for Dirt and Gravel Road Studies". Below the header is a green navigation bar with links for HOME, PA PROGRAM RESOURCES (which is highlighted), GENERAL RESOURCES, EDUCATION/TRAINING, NEWS & EVENTS, BOF, and CENTER. A search icon and a user profile icon are also present in the navigation bar. The main content area has a green background with the title "Conservation Districts" and a breadcrumb trail: Home » PA Program Resources » Conservation Districts. On the left side, there is a vertical menu with the following items: PA Program Resources, SCC Program Overview >, Conservation Districts (highlighted with a green bar), Program Resources >, QA/QC, Low Volume Roads, Advisory Workgroups, and Products. To the right of the menu is a large photograph of a road lined with trees displaying vibrant autumn foliage in shades of red, orange, and yellow. Below the photograph, the text reads "Conservation Districts" followed by a dropdown menu labeled "- Choose a District -". Below this, a paragraph states: "Pennsylvania's conservation districts administer and implement the Program at the county level. Conservation districts accept applications for funding from potential applicants, and award grants to local road owning". In the bottom right corner, there is a small map of Pennsylvania with its county boundaries outlined.