

# It's important that DGLVR grant applications are thorough, detailed, and filled out correctly.

To prevent misunderstandings

# Why talk about grant applications?

- Need enough info to determine eligibility
- Need enough info to determine if the project is a good use of DGLVR funds
- Because 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 <a href="https://www.dirtandgravelroads.org">www.dirtandgravelroads.org</a>

Attachment D – Quality Assurance Board Standards (county specific)

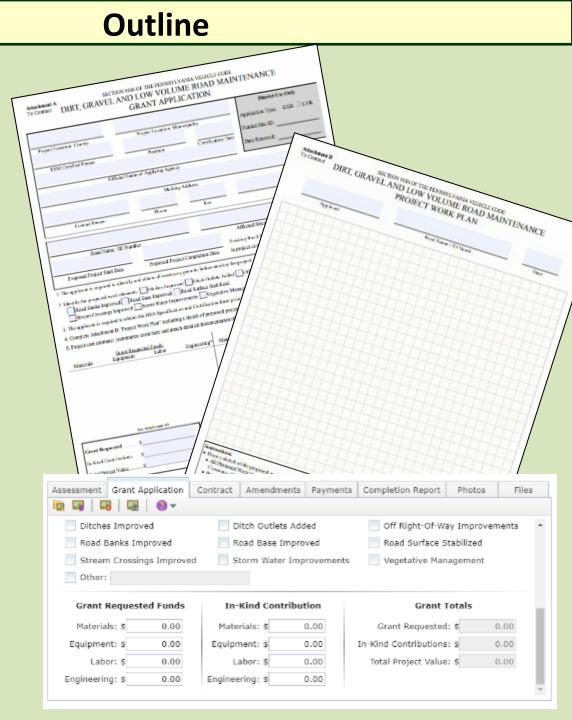
Attachment E – Schedule of Payments (project specific)

Attachment F – Prevailing Wage Notification Letter (project specific)

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

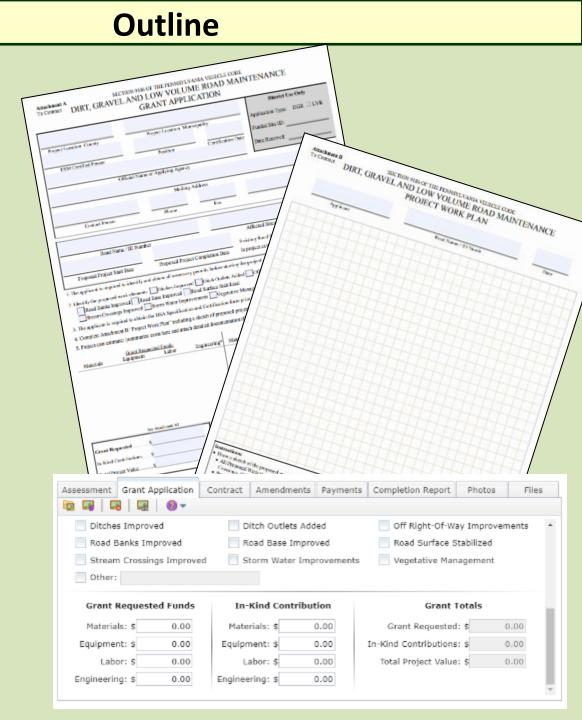
# Preparing to fill out the grant application

- Filling out the grant application
- Supplements to the grant application
- Documenting changes to the grant application
- Adding the grant application to the GIS



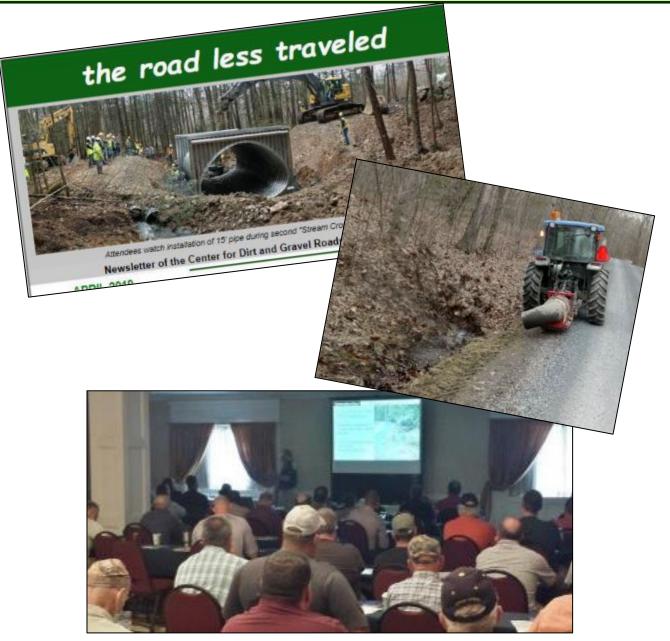
# Preparing to fill out the grant application

- Filling out the grant application
- Supplements to the grant application
- Documenting changes to the grant application
- Adding the grant application to the GIS



# **Preparing to fill out the Application**

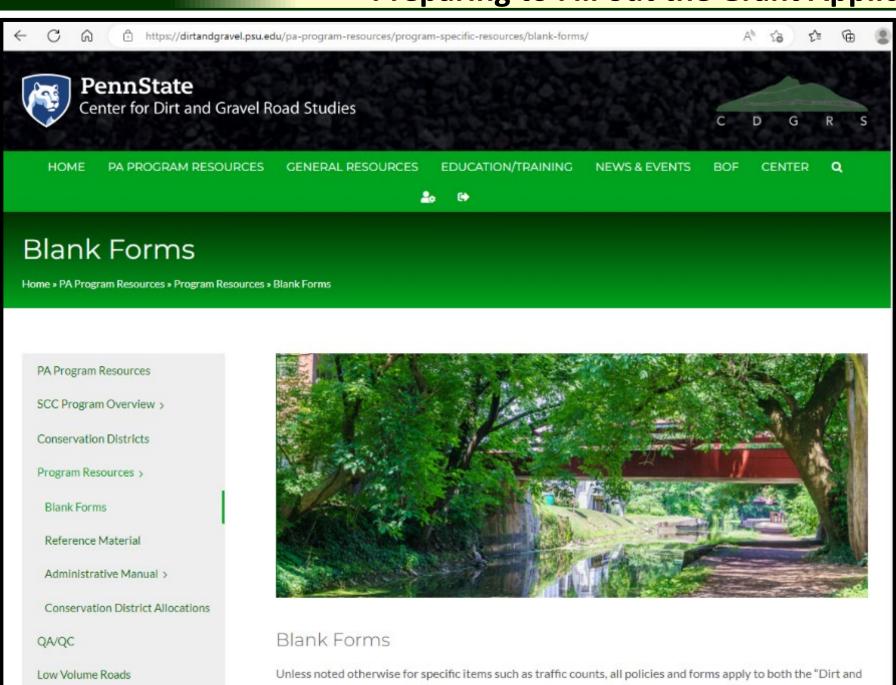
- Outreach to potential grant applicants
  - Newsletter
  - Newspaper articles
  - Demonstrations
  - Local workshops
  - ESM Training



- Outreach to potential grant applicants
- Pre-application meeting

| Applicant    | Road Name:  | Date:                                   |
|--------------|---|---|
| Applican     | Reps:   |   |
| CD Reps:     |   |   |
| Addition     | Attendees:  |   |
| Site Eligit  |   |   |
|              | icly owned road (open to public vehicles at least 2 weeks per yea   | ar)                                     |
| □ LVF        | <500 ADT (count required before contract can be signed)   |   |
| □ Wa         | er Impact / Verified Worksite (road impacts a stream, lake, wetla   | and or waterbody)                       |
| □ ESM        | certification (person in charge of project for applicant has recen  | t (last 5 years) ESM certification)     |
| Logistical   | Discussion Points   |   |
| □ Tim        | lines (application deadline, permits, bidding, contracting, and co  | nstruction)                             |
| □ Pha        | ed Projects (large projects may be funded in separate phases (ro  | ad fill, drainage, DSA))                |
|              | ty-specific policies (ranking criteria, in-kind, maintenance policie  | es, paying for asphalt, etc.)           |
|              | k performed by? Applicant Contractor  |   |
|              | inders (standard bidding, prevailing wage (\$25,000 threshold), Pr  | A One-Call)                             |
|              | ecific Discussion Points  |   |
|              | tional drainage improvements (reduce maintenance and env. in  |   |
|              | ad fill or berm removal (Fill enough to promote sheet flow off of<br>ded ditch outlets (crosspipes, turnouts, through-the-bank pipes, |   |
|              | ench Mattresses and underdrains (for subsurface water, conside  | _                                       |
|              | f-ROW drainage issues to address  | s seasonal spring now,                  |
|              | o Written Landowner agreement (required for work outside  | of ROW)                                 |
|              | <ul> <li>Proposed alternative (in lieu of landowner approval)</li> </ul>  |   |
|              | <ul> <li>SCC approval required? (&gt;500' off road or &gt; than 35% of gr</li> </ul>  | * .                                     |
|              | spipes (as shallow as possible? fill for cover? effective angle? hea  | , |
|              | on fill / Grade break (can be combined with shallow pipe installs   |   |
|              | Depth Reclamation (Drainage addressed? Must be at least 8" of conditional outside assistance (SCC, CDGRS, TU, NRCS, PAFBC, etc.)      | depth, 5" party mix design, LVR only)   |
|              |   |   |
| Fill Project | <u>s</u><br>cient material considered? (to gain sheet flow)   |   |
|              | ss road connectivity considered? (transitions to intersections, la  | nes and driveways)                      |
|              | ntial sources of available fill:  | , 310 0117 2117 27                      |
| DSA Proi     | ts  |   |
| □ Pre        | placement preparations (drainage/base stability addressed, and  | base crowned at 4-6%)                   |
| □ Like       | y DSA suppliers:  |   |
| □ Pla        | ned DSA <b>placement method</b> (paver required for >1,000 ton jobs)  |   |
| □ Ad•        | nced planning (to allow time for DSA testing, and for completion  | n of base/drainage work)                |
|              | ossing Projects   |   |
|              | ture eligibility status (complete Steam Crossing Evaluation form  |   |
|              | osed new structure (must be bankfull width (min) – review avail   |   |
|              | am simulation (elevation, slope, grade control, and replicating st  | ream through structure)                 |
|              | ired permits (consultant costs and timeframe of review)   | anne to the strong at the structure)    |
| □ COF        | prehensive plan (include ESM practices to eliminate or limit drai   | nage to the stream at the structure)    |

# **Preparing to Fill out the Grant Application**



- Outreach to potential grant applicants
- Pre-application meeting
- Project design
- Materials list
- Cost estimate

| Applicant:  | Road Name:   | Date:   |
|---|--|---|
| Applicant Reps:   |  |   |
| CD Reps:  |  |   |
| Additional Atten  | idees:   |   |
| Site Eligibility  |  |   |
| □ Publicly ov<br>□ LVR <500 /<br>□ Water Imp  | wned road (open to public vehicles at least 2 weeks<br>ADT (count required before contract can be signed)<br>pact / Verified Worksite (road impacts a stream, lake<br>ication (person in charge of project for applicant has<br>sion Points  | e, wetland or waterbody)  |
|   | (application deadline, permits, bidding, contracting,  |   |
|   | ojects (large projects may be funded in separate pha   |   |
|   | ecific policies (ranking criteria, in-kind, maintenance  | e policies, paying for asphalt, etc.)   |
|   | ormed by? Applicant Contractor<br>s (standard bidding, prevailing wage (\$25,000 thresh  | oold) PA One-Call)  |
|   | Discussion Points  | ioloj, ra olicionij   |
| Road fill   Added d   French N   Off-ROW   O N   O N   O N   Crosspipes   Section fill   Full Depth   Optional offill Projects   Access roa   Potential s | I drainage improvements (reduce maintenance and or berm removal (Fill enough to promote sheet flow litch outlets (crosspipes, turnouts, through-the-bank Mattresses and underdrains (for subsurface water, or Vidrainage issues to address Written Landowner agreement (required for work of Proposed alternative (In lieu of landowner approval SCC approval required? (>500' off road or > than 35's (as shallow as possible? fill for cover? effective ang I / Grade break (can be combined with shallow pipe in Reclamation (Drainage addressed? Must be at least outside assistance (SCC, CDGRS, TU, NRCS, PAFBC, et material considered? (to gain sheet flow) and connectivity considered? (transitions to intersection cources of available fill: | w off of roadway) k pipes, to reduce ditch flow) consider seasonal spring flow)  putside of ROW) ) % of grant?) tele? headwalls/endwalls/aprons?) installation, prevents surface flow bypassing pi t 8" of depth, 3" party mix design, LVR only) tc.) |
| DSA Projects  |  |   |
| ☐ Pre-placen ☐ Likely DSA   | nent preparations (drainage/base stability addresse  | d, and base crowned at 4-6%)  |
|   | SA placement method (paver required for >1.000 to  | on jobs)  |
|   | planning (to allow time for DSA testing, and for com   | ,,  |
| Stream Crossing   |  |   |
|   | eligibility status (complete Steam Crossing Evaluatio  | on form, <0.75 width to bankfull ratio)   |
|   | new structure (must be bankfull width (min) – revie  |   |
|   | nulation (elevation, slope, grade control, and replica   | ating stream through structure)   |
|   | permits (consultant costs and timeframe of review)   |   |
| □ Comments  | mañon alles finaleste ECNA annaisse de afiniseda en fin  | nit drainage to the stream at the structure)  |

- Preparing to fill out the grant application
- Filling out the grant application
- Supplements to the grant application
- Documenting changes to the grant application
- Adding the grant application to the GIS



Attachment A

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE

### To Contract DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE GRANT APPLICATION

|   |                   |                 |                   |                      | District U                    | se Only                 |
|---|-------------------|-----------------|-------------------|----------------------|-------------------------------|-------------------------|
| Project Location: County  | Proje             | et Location: N  | Aunicipality      |                      | Application Type:             | DGR □ LVR               |
|   | - 10,0            |                 |                   |                      |                               |                         |
| ESM Certified Person  |                   | osition         | Conti             | ification Date       | Funded Site ID:               |                         |
| ESM Certified Person  | P                 | osition         | Centi             | meation Date         | Date Received:                |                         |
|   |                   |                 |                   |                      | _                             |                         |
| Officia   | l Name of Appl    | lying Agency    |                   |                      |                               |                         |
|   |                   |                 |                   |                      |                               |                         |
|   |                   | Mailing A       | ddress            |                      |                               |                         |
|   | -                 |                 |                   | _                    |                               |                         |
| Contact Person  | Pho               | one             | Fax               |                      | E-Mail                        |                         |
|   |                   |                 |                   |                      |                               |                         |
|   |                   |                 |                   |                      |                               |                         |
| Road Name / ID Num  | ber               |                 |                   | Affected             | Stream or Tributary           |                         |
|   |                   |                 |                   | Existing Road        | Surface Type: Un              | paved Paved             |
| Proposed Project Start Date   | Proposed          | Project Comp    | letion Date       | Is project con       | sidered an emergency          | ? Yes No                |
| The applicant is required to identify and   | l obtain all naca | com narmite     | hafara starting   | the project          |                               |                         |
|   | _                 | _               |                   | _                    |                               |                         |
| Identify the proposed work elements:  Road Banks Improved Road Banks Improve Road Banks Improve Road Banks Improve Road B |                   |                 |                   | edOff Right          | -of-Way Improvement           | ls                      |
| Stream Crossings Improved S   |                   |                 | -                 | anagement            | Other                         |                         |
| The applicant is required to obtain the I   |                   | _               |                   | _                    |                               |                         |
| 4. Complete Attachment B "Project Work  | Plan" including   | g a sketch of p | roposed projec    | t. Attach a loca     | tional map with the pr        | oject highlighted.      |
| 5. Project cost estimate: (summarize costs  | here and attach   | detailed docu   | mentation if no   | eeded)               |                               |                         |
|   |                   |                 | I                 |                      |                               |                         |
| Materials Equipment   |                   | Engineering*    | Materials         | In-Ki<br>Equipme     | nd Contributions<br>ent Labor | Engineering             |
|   |                   |                 |                   |                      |                               |                         |
|   |                   |                 |                   |                      |                               |                         |
|   |                   |                 |                   |                      |                               |                         |
|   |                   |                 |                   |                      |                               |                         |
|   |                   |                 |                   |                      |                               |                         |
|   |                   |                 |                   |                      |                               |                         |
|   |                   |                 |                   |                      |                               |                         |
| See Attachment A  | d .               |                 |                   | Se                   | e Attachment A2               |                         |
| 0 10 11   |                   | *For Grant Rec  | quested Funds, En | gineering costs cann | not exceed 10% of the total   | grant amount requested. |
| Grant Requested\$   |                   |                 |                   |                      |                               |                         |
| In-Kind Contributions \$  |                   |                 |                   |                      |                               |                         |
| Total Project Value\$   |                   |                 | Δn                | plicant Signatur     | re .                          | Date                    |
|   |                   |                 | Ap                | privant Signatui     |                               | 1/atc                   |

Attachment B

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE

### To Contract DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE PROJECT WORK PLAN

| Applicant   | Road Name / ID Numb  | Date        |
|---|--|-------------|
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
|   |  |             |
| uctions:<br>aw 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 | X11  | N           |
| North Arrow   | Dial 8-1-1 or 1-800-242-1776 not less  | North Arrow |
| ach a copy of a locational map with the project                 | than 3 business days nor more than<br>10 business days prior to the start of | -           |
| hlighted  | excavation.  | 1           |

# **Application**

### Who fills out the Grant Application?

# **POLL QUESTIONS**

- Road owner
- Road owner with help from conservation district

The grant application is meant to be simple enough to be filled out by public road owners with minimal experience in road work.

The grant application must include enough detail to communicate the proposed project but does not need to have final design work complete.

### **Applicant can receive assistance from**

- Conservation District (recommended)
- Center for Dirt and Gravel Road Studies (as needed)
- Engineers (not required)

# 1. Fill out page 1 completely

# Filling out the Application

|   |  |  |  |  |  | District   | Uze Only                  |
|---|--|--|--|--|--|--|---------------------------|
| Project Locatio   | n: County  | - 1  | Project Location: 1  | Municipality   |  | Application Type:  | □ DGR □ LVR               |
|   |  |  |  |  |  | Work Site ID:  |                           |
| ESM Certi   | fied Person  |  | Position   | Ce   | rtification Date   | Date Received:   |                           |
|   |  |  |  |  |  | Date Scecetved.  |                           |
|   | Of   | ficial Name of   | Applying Agency  |  |  |  |                           |
|   |  |  | Mailing A  | ddaaa  |  |  |                           |
|   |  |  | Manning A  | aaress   |  |  |                           |
| Con   | stact Person   |  | Phone  | Fax  |  | E-Mai  | 1                         |
| -   |  |  | 10000  |  |  |  |                           |
|   |  |  |  |  |  |  |                           |
|   | Road Name / ID N   | lumber   |  |  | Affects  | ed Stream or Tributary   |                           |
|   |  |  |  |  | Existing Re  | and Surface Type:  | npaved Paved              |
|   |  |  |  |  |  |  |                           |
| Proposed Pr   | roject Start Date  | Propo  | osed Project Comp  | letion Date  | Is project o   | onsidered an emergenc  | y? Yes No                 |
| The applicant is     Identify the prop  | required to identify   | and obtain all :   | necessary permits  | before startin   | ng the project.  | onsidered an emergence   |                           |
| 1. The applicant is: 2. Identify the prop Road Bank Stream Cro  3. The applicant is:  | required to identify posed work element is Improved Ros ossings Improved required to obtain t  | and obtain all site. Detches and Base Improve Storm Water  | Improved Ditc<br>red Road Surfic<br>Improvements Improvements  | before starting the Outlets Address Stabilized Vegetative Stabilized Seation form 1                  | ng the project.  ded Off Rig  Management prior to DSA pl                                     | other  | nts                       |
| 1.The applicant is:  2. Identify the property of the property | required to identify posed work element is Improved Ros ossings Improved required to obtain t  | and obtain all :  Ditches   ad Base Improv Storm Water the DSA Specif  | Improved Dite red Road Surfa Improvements Improvements Improvements Improvements Improvements Incation and Certifi uding a sketch of p | before starting th Outlets Address Stabilized Vegetative Scation form proposed proj                  | ng the project.  ded Off Rig  Manapement prior to DSA pl  ject. Attach a k                   | tht-of-Way Improvement Other   | nts                       |
| 1.The applicant is:  2. Identify the property of the property | required to identify posed work element is Improved Ro- ossings Improved [ required to obtain thement B "Project W   | and obtain all in: Ditches I ad Base Improve Storm Water the DSA Specific Flam" inch soots here and a sed Funda  | Improved Dite red Road Surfa Improvements Improvements Improvements Improvements Improvements Incation and Certifi uding a sketch of p | before starting th Outlets Address Stabilized Vegetative Scation form proposed proj                  | ig the project.  ded Off Rig i Management prior to DSA pl ect. Attach a k 'needed)           | tht-of-Way Improvement Other   | nts                       |
| 1. The applicant is 2. Identify the property of the property of the property of the applicant is 4. Complete Attack 5. Project cost estimates   | required to identify poned work element to Improved Ro- costings Improved C required to obtain to hument B "Project W mate: (summarize o Grant Request         | and obtain all in: Ditches I ad Base Improve Storm Water the DSA Specific Flam" inch soots here and a sed Funda  | Improved Dite red Road Surfa Improvements fication and Certification as sketch of pttach detailed docu                                 | before starting the Outleth Addisce Stabilized Vegetative in Section form proposed projumentation if | ig the project.  ded Off Rig i Management prior to DSA pl iect. Attach a k 'needed)          | Other  Other  accement  ocational map with the p   | nts<br>project highlighte |
| 1. The applicant is 2. Identify the property of the property of the property of the applicant is 4. Complete Attack 5. Project cost estimates   | required to identify poned work element to Improved Ro- costings Improved C required to obtain to hument B "Project W mate: (summarize o Grant Request         | and obtain all in: Ditches I ad Base Improve Storm Water the DSA Specific Flam" inch soots here and a sed Funda  | Improved Dite red Road Surfa Improvements fication and Certification as sketch of pttach detailed docu                                 | before starting the Outleth Addisce Stabilized Vegetative in Section form proposed projumentation if | ig the project.  ded Off Rig i Management prior to DSA pl iect. Attach a k 'needed)          | Other  Other  accement  ocational map with the p   | nts<br>project highlighte |
| 1. The applicant is 2. Identify the property of the property of the property of the applicant is 4. Complete Attack 5. Project cost estimates   | required to identify poned work element to Improved Ro- costings Improved C required to obtain to hument B "Project W mate: (summarize o Grant Request         | and obtain all in the Ditches and Base Improvement of the DSA Specific of Plan" inches to the DSA Specific of Plan" inches to the Plan and a sed Funda and | Improved Dite red Road Surfa Improvements fication and Certification as sketch of pttach detailed docu                                 | before starting the Outleth Addisce Stabilized Vegetative in Section form proposed projumentation if | ng the project.  ded Off Rig  Management  prior to DSA pl  iect. Attach a le  inceded)  Inc. | Other  Other  accement  ocational map with the p   | nts<br>project highlighte |
| 1. The applicant is: 2. Identify the property of the property | required to identify poned work element is Improved Ro- cosings Improved I required to obtain the hment B "Project W mate: (summarize c Grant Request Equipme  | and obtain all in the Ditches and Base Improvement of the DSA Specific of Plan" inches to the DSA Specific of Plan" inches to the Plan and a sed Funda and | Improved Dite red Road Surfa Improvements fication and Certification as sketch of pttach detailed docu                                 | before starting the Outleth Addisce Stabilized Vegetative in Section form proposed projumentation if | ng the project.  ded Off Rig  Management  prior to DSA pl  iect. Attach a le  inceded)  Inc. | Other  Other  accement  ocational map with the procession of the p | nts<br>project highlighte |
| 1. The applicant is 2. Identify the property of the property of the property of the applicant is 4. Complete Attack 5. Project cost estimates   | required to identify poned work element is Improved Ro. ossings Improved C required to obtain it himent B "Project W mate: (summarize of Grant Request Equipme | and obtain all in the Ditches and Base Improvement of the DSA Specific of Plan" inches to the DSA Specific of Plan" inches to the Plan and a sed Funda and | Improved Dite red Road Surfa Improvements fication and Certification as sketch of pttach detailed docu                                 | before starting the Outleth Addisce Stabilized Vegetative in Section form proposed projumentation if | ng the project.  ded Off Rig  Management  prior to DSA pl  iect. Attach a le  inceded)  Inc. | Other  Other  accement  ocational map with the procession of the p | nts<br>project highlighte |

# 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 <u>before</u> 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 elicible for funding.
- Official Name of Applying Agency The name of the agency who is applying for Dirt, Gravel and Low Volume
   Maintenance funding
- Malling 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 <u>paved</u>.
- Is project considered an emergency Check if the project would be considered an emergency. For example, a road that is washed out and is unpassable 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
  - 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.
- 2) 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.

d 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.

### ecification and Certification form Prior to DSA

#### Aggregate (DSA).

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

### ch 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.

zes the project costs that the applicant is requesting from the

s the costs incurred by the applicant in project implementation sted or made through the Program.

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

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

Kind Contributions. This is the total estimated cost of the

cant.

### Plan Instructions

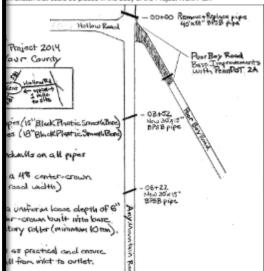
ntification number of the road in question. List both if

#### npleted.

that identifies where north is as related to the sketch. osed work area (not necessarily entire road length). Then If the total proposed work length is less than 1 mile, then it is

#### <u>nighlighted:</u>

p such as township map, topographic map, photocopied atlas clude any project work items on the location map (they go on allow the project site to be easily found. ct sketch should detail the practices to be implemented on the road in plan view. its, streams, etc. should be identified on the sketch. Hand drawn sketches are rk sketch that could be placed in the body of the Project Work Plan.



10+93 Remove+Replace pipe

M+09 Bristing Stream pipe

- 15+42 Existing pipe

20' × 18" BISB pipe

diriches with continuous fall

rading with contractor bland

140 total power placed + compacted)

in Any Mountaint PB Rds)

ns (approx Ztri-axle loads)

- 2 pallets = 4400,00

te = 418,535.00

2RCE 11 7400 = 445

### D PROJECT EXPENDITURES WORKSHEETS INSTRUCTIONS

### (attachments A1 and A2) - OPTIONAL

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

### -Kind Contributions Worksheets:

nit 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

, and cost per type of laborer.

terials, equipment, and labor

lication applicant.

had project in question is within.

ality (township, borough, or city) the road project in question is within.

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

expenditures form was completed.

Attachment A To Contract

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

### GRANT APPLICATION

| Any County               | Example Tov                      | wnship           | District Use Only             |  |  |  |  |  |  |
|--------------------------|----------------------------------|------------------|-------------------------------|--|--|--|--|--|--|
| Project Location: County | Project Location:                | Municipality     | Application Type:   DGR   LVR |  |  |  |  |  |  |
| John Doe                 | Roadmaste                        | r 8/25/202       | Work Site ID:                 |  |  |  |  |  |  |
| ESM Certified Person     | Position                         | Certification Da | ite                           |  |  |  |  |  |  |
| E                        | Example Township  Date Received: |                  |                               |  |  |  |  |  |  |
| Off                      | icial Name of Applying Agenc     | у                |                               |  |  |  |  |  |  |
| 123 Main Street, E       | 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 R           | oad/ TR 123                      | Unnamed Trib     | utary (UNT) to River          |  |  |  |  |  |  |

April 30, 2024 Sept 30, 2024

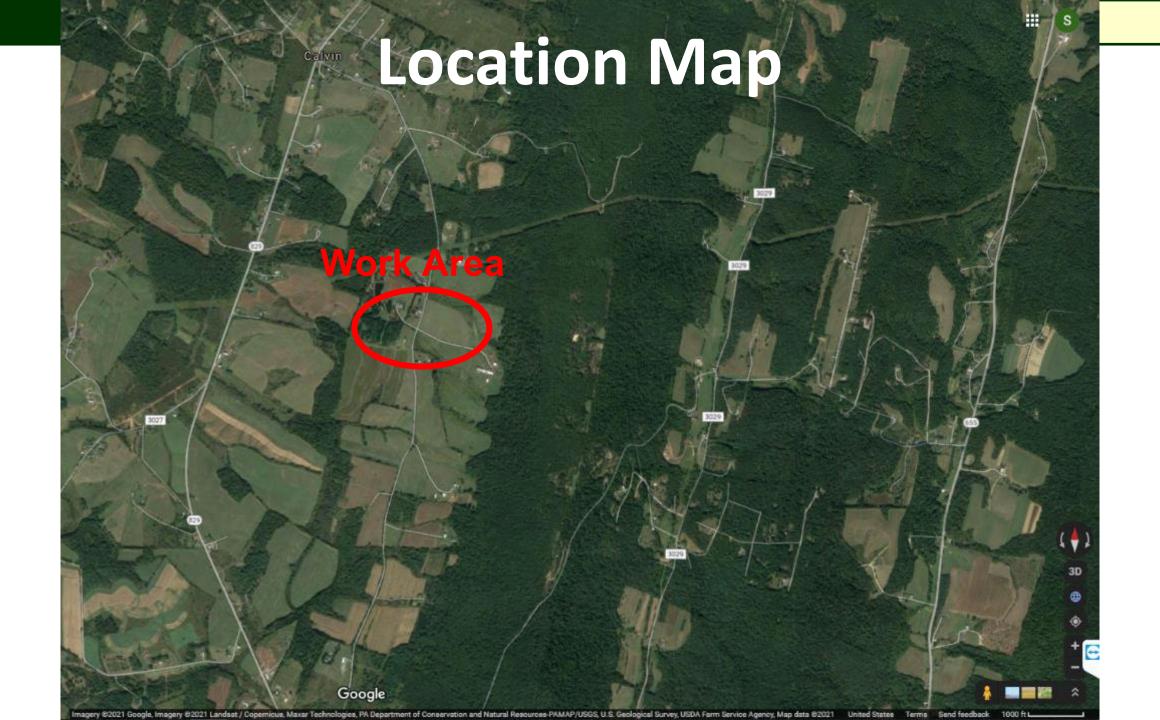
Proposed Project Start Date Proposed Project Completion Date

Existing Road Surface Type: X Unpaved Paved
Is project considered an emergency? Yes X No

Affected Stream or Tributary

| 1. The applicant is required to identify and obtain all necessary permits before starting the project.   |  |                   |                      |                                |                      |  |  |  |
|--|--|-------------------|----------------------|--------------------------------|----------------------|--|--|--|
| 2. Identify the proposed work elements: X Ditches Improved X Ditch Outlets Added X Off Right-of-Way Improvements  Road Banks Improved X Road Base Improved Road Surface Stabilized  Stream Crossings Improved X Storm Water Improvements X Vegetative Management Other |  |                   |                      |                                |                      |  |  |  |
| 3. The applicant is rec  | quired to obtain the DSA Specific        | ation and Certifi | cation form prior to | DSA placement.                 |                      |  |  |  |
| 4. Complete Attachm  | ent B "Project Work Plan" includ         | ing a sketch of p | roposed project. At  | tach a locational map with the | project highlighted. |  |  |  |
| 5. Project cost estima   | te: (summarize costs here and atta       | ch detailed docu  | umentation if needed | )                              |                      |  |  |  |
| 20.00  | Grant Requested Funds                    |                   |                      | In-Kind Contributions          |                      |  |  |  |
| Materials  | Equipment                                | Labor             | Materials            | Equipment                      | Labor                |  |  |  |
| See attach   | See Attachment A1                        |                   |                      | See Attachment A2              |                      |  |  |  |
| Grant Requested In-Kind Contribution Total Project Value   | \$24,775.00<br>\$3,590.00<br>\$28,365.00 | ETH ROL           | Applica              | nt Signature                   | 2/1/2023<br>Date     |  |  |  |

- 1. Fill out page 1 completely
- 2. Location map





- 1. Fill out page 1 completely
- 2. Location map
- 3. Sketch

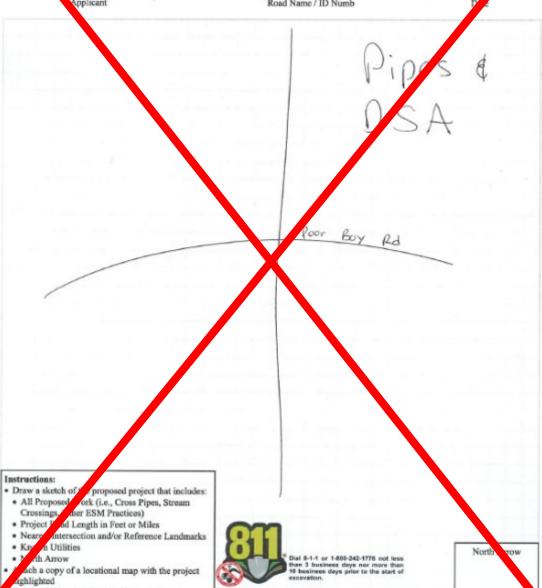


Attach additional project details as necessary

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE

### DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE PROJECT WORK PLAN





Project Length =

feet / miles (circle one)

# **Application**

Attachment B Contract

h a copy of a locational map with the project

Attach additional project details as necessary

SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE

### DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE PROJECT WORK PLAN

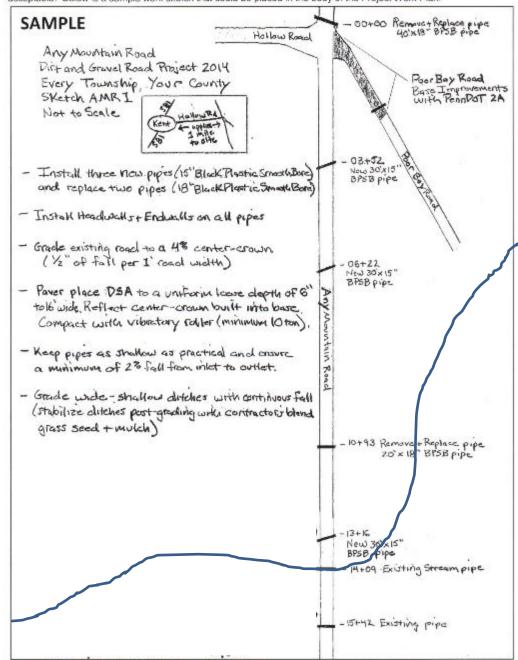
Any Mountain P Road Name/ID Numb Town Ship Boy Instructions: Draw a sketch of th roposed project that includes: · All Proposed V /k (i.e., Cross Pipes, Stream er ESM Practices) Length in Feet or Miles tersection and/or Reference Landmarks · Knoy North ial 8-1-1 or 1-800-242-1776 not less

Project Length =

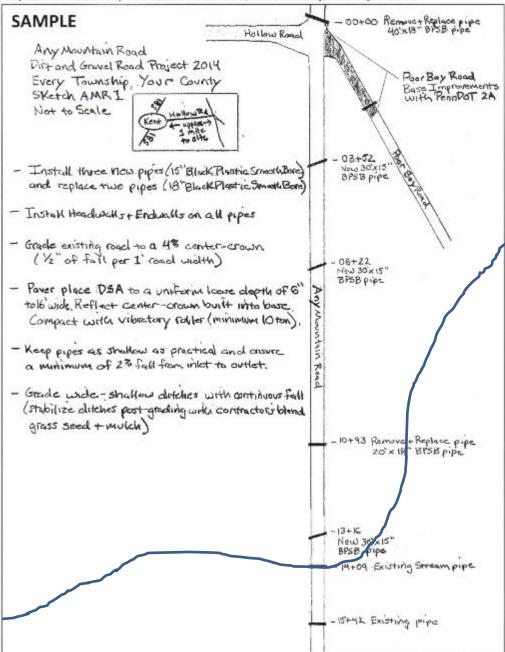
han 3 business days nor more than 8 business days prior to the start of

feet / miles (circle one)

<u>Project Work Sketch</u>: 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.



<u>Project Work Sketch</u>: 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:

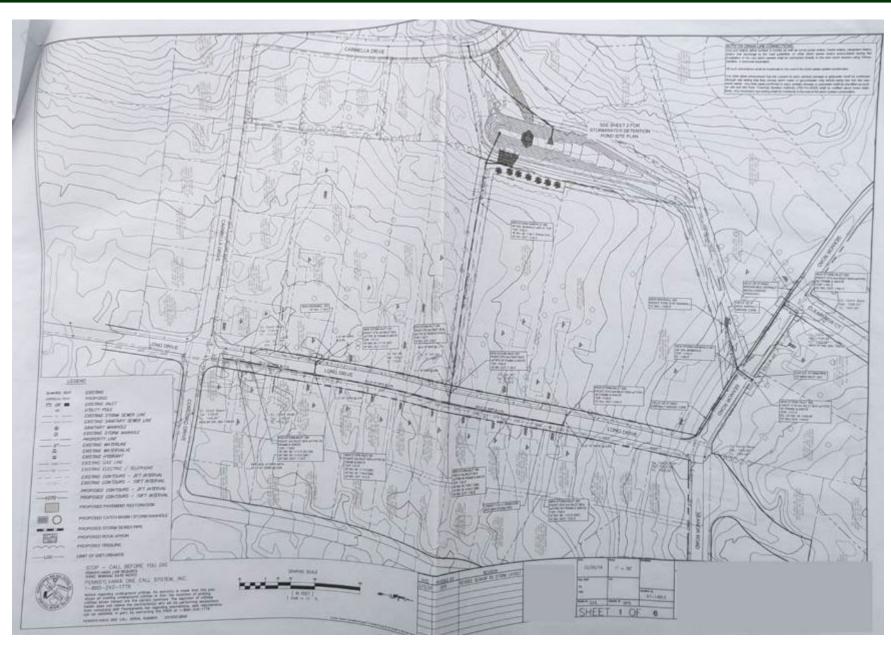
- Road
- Project features
  - cross pipes, French mattress, ditch reshaping, road fill, etc.
  - 3 dimensions
  - Materials notes
- Streams
- Landmarks (big tree, fence, utility, mailbox, house, etc.)
- Property lines
- Updated GIS drawing tools in development

# Recorded webinar on drawing tool updates in process

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

# 2022

- December 22: GIS Mapper and Project Layouts Update
  - Based on feedback at the 2022 workshop session, we have been working on updates to the DGLVR Mapper to
    enhance its capability to create project layouts and site plans. This webinar demonstrated the current
    progress and asked for feedback and suggestions from CD staff.
  - Webinar Download (69 MB): MP4 format (~29 minutes)
  - Presentation Downloads:
    - Adobe PDF (567 KB)
    - MS Powerpoint (2.94 MB)



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

- 1. Fill out page 1 completely
- 2. Location map
- 3. Sketch
- 4. Cost estimate

| 1. The applicant is required to identify and obtain all necessary permits before starting the project.   |                                      |                 |                        |                                 |                      |  |  |  |
|--|--------------------------------------|-----------------|------------------------|---------------------------------|----------------------|--|--|--|
| 2. Identify the proposed work elements: X Ditches Improved X Ditch Outlets Added X Off Right-of-Way Improvements  Road Banks Improved X Road Base Improved Road Surface Stabilized  Stream Crossings Improved X Storm Water Improvements X Vegetative Management Other |                                      |                 |                        |                                 |                      |  |  |  |
| 3. The applicant is req  | quired to obtain the DSA Specificat  | ion and Certifi | cation form prior to l | DSA placement.                  |                      |  |  |  |
| 4. Complete Attachme   | ent B "Project Work Plan" includin   | g a sketch of p | roposed project. Att   | ach a locational map with the   | project highlighted. |  |  |  |
| 5. Project cost estimat  | te: (summarize costs here and attacl | h detailed docu | mentation if needed)   | )                               |                      |  |  |  |
| Materials  | Grant Requested Funds Equipment      | Labor           | Materials              | In-Kind Contributions Equipment | Labor                |  |  |  |
| DSA: \$10,0<br>Pipes: \$20,<br>Etc   |                                      |                 | Township<br>\$3,590    | labor to install p              | project:             |  |  |  |
|  | See Attachment A1                    | 7               |                        | See Attachment A2               |                      |  |  |  |
| Grant Requested In-Kind Contributions Total Project Value  | \$24,775.00 \$3,590.00 \$28,365.00   | [FON BOOL       | Applican               | Loc<br>at Signature             | 2/1/2023<br>Date     |  |  |  |

# **Application**

Attachment A1 to Contract (aptional)

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 <sup>o</sup> |                  |         | or <sup>o</sup>   |              |               |               |
|------|--------------|-----|--------|------|------------------------------|------------------|---------|---|--------------|---------------|---------------|
| Type | Unit<br>Cost | Qty | Cost S | Туре | Hours                        | FEMA*<br>Rate/Hr | Cost \$ | Type  | Rate/Hr      | Hours         | Cost \$       |
|      |              |     | 0.00   |      |                              |                  | 0.00    |   |              |               | 0.00          |
|      |              |     | 0.00   |      |                              |                  | 0.00    |   |              |               | 0.00          |
|      |              |     | 0.00   |      |                              |                  | 0.00    |   |              |               | 0.00          |
|      |              |     | 0.00   |      |                              |                  | 0.00    |   |              |               | 0.00          |
|      |              |     | 0.00   |      |                              |                  | 0.00    |   |              |               | 0.00          |
|      |              |     | 0.00   |      |                              |                  | 0.00    |   |              |               | 0.00          |
|      |              |     | 0.00   |      |                              |                  | 0.00    |   |              |               | 0.00          |
|      |              |     | 0.00   |      |                              |                  | 0.00    | Total Labor \$ 0.0  |              | 0.00          |               |
|      |              |     | 0.00   |      |                              |                  | 0.00    | "Prevailing wage may apply to projects over \$25,000 when a contractor is involved. |              |               | 15,000 when a |
|      |              |     | 0.00   |      |                              |                  | 0.00    | Engineering* Total Engineering \$ 0.00  |              |               |               |
| Tot  | al Mate      |     | 0.00   |      | Equipn                       | nent \$          | 0.00    | +For Grant Reques<br>\$25,000 or 20% of   | ed Funds, Ex | gineering cos |               |

<sup>\*</sup> FEMA rates are only applicable where municipality-owned equipment is used otherwise use contracted rates.

|           | Total Grant Requested: \$ | 0.00 (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         | s*     |         | Equipment |        |                  | Laboro  |  |               |         |               |
|-------------------|--------|---------|-----------|--------|------------------|---------|--|---------------|---------|---------------|
| Type Unit<br>Cost | Qty    | Cost \$ | Туре      | Hours  | FEMA*<br>Rate/Hr | Cost \$ | Type                                       | Rate/Hr       | Hours   | Cost \$       |
|                   |        |         |           |        |                  |         |  |               |         |               |
|                   |        |         |           |        |                  |         |  |               |         |               |
|                   |        |         |           |        |                  |         |  |               |         |               |
|                   |        |         |           |        |                  |         |  |               |         |               |
|                   |        |         |           |        |                  |         |  |               |         |               |
|                   |        |         |           |        |                  |         |  |               |         |               |
|                   |        |         |           |        |                  |         | 7  | otal La       | har ¢   |               |
|                   | +      |         |           |        |                  |         | °Prevailing wage n<br>contractor is involv | ay apply to p |         | 25,000 when a |
|                   |        |         |           |        |                  |         |  | Engin         | eering  |               |
| Total Materia     | als \$ |         | Total     | Equipn | nent \$          |         | Total E                                    | nginee        | ring \$ |               |

| Tota      | In-Kind Contributions: \$ | (materials + equipment + labor + engineering) |      |
|-----------|---------------------------|---|------|
|           |                           |   |      |
| Applicant | County                    | Road Name / ID Number                         | Date |

# DIRT, GRAVEL AND LOW VOLUME RUBBING OF THE PENNSYLVA PRICE CODE TO THE PENNSYLVA PRICE

### DETAILED ESTIMATED PROJECT EXPENDITURES

### GRANT REQUESTED FUNDS

Use best estimates and complete as much info as possible.

| 1     |              | I        |         | Labor <sup>o</sup> |        |                  |         |   |                  |                     |               |
|-------|--------------|----------|---------|--------------------|--------|------------------|---------|---|------------------|---------------------|---------------|
| Туре  | Unit<br>Cost | Qty      | Cost \$ | Туре               | Hours  | FEMA*<br>Rate/Hr | Cost \$ | Туре  | Rate/Hr          | Hours               | Cost \$       |
|       |              |          | 0.00    |                    |        |                  | 0.00    |   |                  |                     | 0.00          |
|       |              |          | 0.00    |                    |        |                  | 0.00    |   |                  |                     | 0.00          |
|       |              |          | 0.00    |                    |        |                  | 0.00    |   |                  |                     | 0.00          |
|       |              |          | 0.00    |                    |        |                  | 0.00    |   |                  |                     | 0.00          |
|       |              |          | 0.00    |                    |        |                  | 0.00    |   |                  |                     | 0.00          |
|       |              |          | 0.00    |                    |        |                  | 0.00    |   |                  |                     | 0.00          |
|       |              |          | 0.00    |                    |        |                  | 0.00    |   |                  |                     | 0.00          |
|       |              |          | 0.00    |                    |        |                  | 0.00    | Т   | otal La          | abor \$             | 0.00          |
|       |              |          | 0.00    |                    |        |                  | 0.00    | °Prevailing wage ma<br>contractor is involve  | y apply to pred. | rojects over \$     | 25,000 when a |
|       |              |          | 0.00    |                    |        |                  | 0.00    |   |                  | eering <sup>+</sup> |               |
| Total | l Mate       | rials \$ | 0.00    | Total I            | Equipn | nent \$          | 0.00    | +For Grant Requested Funds, Engineering costs cans \$25,000 or 20% of the total grant amount requested. |                  |                     |               |

Applicant County Road Name / ID Number Date

**Total Grant Requested: \$** 

0.00

(materials + equipment + labor + engineering)

Use best estimates an Materials\* Type Cost \$ Type Unit Cost N \$30/800 \$24,000 **DSA** ton tons Total Materials \$ Tot

### 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 |                  |         |   |          | or <sup>o</sup>     |           |
|----------------------------|----------------------------------|--------------------------|-----------------------------|-----------------------|-----------|------------------|---------|---|----------|---------------------|-----------|
|                            | Туре                             | Unit Qty<br>Cost         | Cost \$                     | Туре                  | Hours     | FEMA*<br>Rate/Hr | Cost \$ | Type                                      | Rate/Hr  | Hours               | Cost \$   |
|                            |                                  |                          | 0.00                        |                       |           |                  | 0.00    |   |          |                     | 0.00      |
|                            |                                  |                          | 0.00                        |                       |           |                  | 0.00    |   |          |                     | 0.00      |
| Up to 2                    | o% of the g                      | grant \                  | 0.00                        |                       |           |                  | 0.00    |   |          |                     | 0.00      |
| (max \$2                   | 25k) can be                      | e used                   | 0.00                        |                       |           |                  | 0.00    |   |          |                     | 0.00      |
| for engineering costs 0.00 |                                  |                          |                             |                       |           | 0.00             |         |   |          | 0.00                |           |
| incurre                    | d AFTER a                        | contrac                  | 0.00                        |                       |           |                  | 0.00    |   |          |                     | 0.00      |
| is signe                   | ed                               |                          | 0.00                        |                       |           |                  | 0.00    |   |          |                     | 0.00      |
|                            |                                  |                          | 0.00                        |                       |           |                  | 0.00    |   | Total La |                     | 0.00      |
|                            |                                  |                          | 0.00                        |                       |           |                  | 0.00    | °Prevailing wage i<br>contractor is invol | ved.     | rojects over \$2    | 25 000 ml |
|                            |                                  |                          | 0.00                        |                       |           |                  | 0.00    | T + 11                                    |          | eering <sup>+</sup> | 0.00      |
|                            | Tota                             | l Materials \$           | 0.00                        | Total                 | Equipn    | nent \$          | 0.00    | +For and Reque                            | Enginee  | ngineering cos      |           |
|                            | * FEMA rates are only applicable | le where municipanty-own | neu equipment is used other | and contracted rates. |           | 0.00             |         | \$25,000 or 20% o                         | 1        |                     | ested.    |

otal Grant Requested: \$\_

0.00

(mate als + equipment + labor + engineering)

Applicant County Road Name / ID Number Date

| 1.The applicant is req                                   | quired to identify and obtain all n   | ecessary permits   | before starting the p | roject.                        |                      |
|--|---|--------------------|-----------------------|--------------------------------|----------------------|
| Road Banks I   | sed work elements: XDitches In<br>Improved XRoad Base Improve<br>ings Improved XStorm Water I | ed Road Surfa      | ce Stabilized         |                                | nts                  |
| 3. The applicant is re                                   | quired to obtain the DSA Specific   | cation and Certifi | cation form prior to  | DSA placement.                 |                      |
| 4. Complete Attachm                                      | ent B "Project Work Plan" inclu   | ding a sketch of p | roposed project. At   | tach a locational map with the | project highlighted. |
| 5. Project cost estima                                   | te: (summarize costs here and att   | ach detailed docu  | mentation if needed   | )                              |                      |
|  | Grant Requested Funds   |                    |                       | In-Kind Contributions          |                      |
| Materials  | Equipment   | Labor              | Materials             | Equipment                      | Labor                |
| See attach   | red sheets  |                    |                       | See Attachment A2              |                      |
| Grant Requested In-Kind Contribution Total Project Value | \$24,775.00<br>\$3,590.00<br>\$28,365.00  | No EX              | Applicat              | nt Signature                   | 5/1/2021<br>Date     |

Date

Attachment A1 to Contract (optional)

Applicant

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.

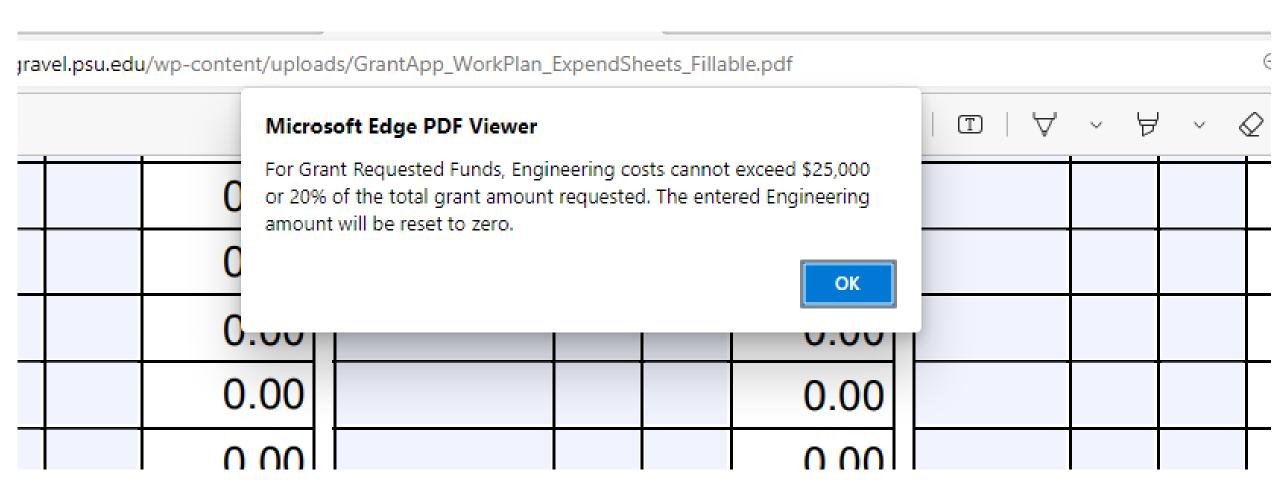
|                            | Materi                       |                | 1                           | Equipn             | ient  |                  | Labor <sup>o</sup> |  |                |         |               |
|----------------------------|------------------------------|----------------|-----------------------------|--------------------|-------|------------------|--------------------|--|----------------|---------|---------------|
| Туре                       | Unit<br>Cost                 | Qty            | Cost \$                     | Туре               | Hours | FEMA*<br>Rate/Hr | Cost \$            | Type   | Rate/Hr        | Hours   | Cost \$       |
| DSA                        | 30.00                        | 800            | 24,000.00                   |                    |       |                  | 0.00               |  |                |         | 0.00          |
|                            |                              |                | 0.00                        |                    |       |                  | 0.00               |  |                |         | 0.00          |
|                            |                              |                | 0.00                        |                    |       |                  | 0.00               |  |                |         | 0.00          |
|                            |                              |                | 0.00                        |                    |       |                  | 0.00               |  |                |         | 0.00          |
|                            |                              |                | 0.00                        |                    |       |                  | 0.00               |  |                |         | 0.00          |
|                            |                              |                | 0.00                        |                    |       |                  | 0.00               |  |                |         | 0.00          |
|                            |                              |                | 0.00                        |                    |       |                  | 0.00               |  |                |         | 0.00          |
|                            |                              |                | 0.00                        |                    |       |                  | 0.00               | Т  | otal La        | abor \$ | 0.00          |
|                            |                              |                | 0.00                        |                    |       |                  | 0.00               | <sup>o</sup> Prevailing wage may apply to projects over \$25,000 wh<br>contractor is involved. |                |         | 25,000 when a |
|                            |                              |                | 0.00                        |                    |       |                  | 0.00               | m . 1 P  |                | eering+ |               |
| То                         | Total Materials \$ 24,000.00 |                | 24,000.00                   | Total Equipment \$ |       |                  | 0.00               | Total Engineering \$ 0.00  +For Grant Requested Funds, Engineering costs cannot exceed         |                |         |               |
| * FEMA rates are only appl | icable where mu              | nicipality-owr | ned equipment is used other | •                  | 24,00 | 00.00            |                    | \$25,000 or 20% of at + labor + engineering  | the total gran |         |               |

Road Name / ID Number

County

The PDF grant application on the Center's website does the math for you!

https://dirtandgravel
.psu.edu/paprogramresources/programspecificresources/blankforms/



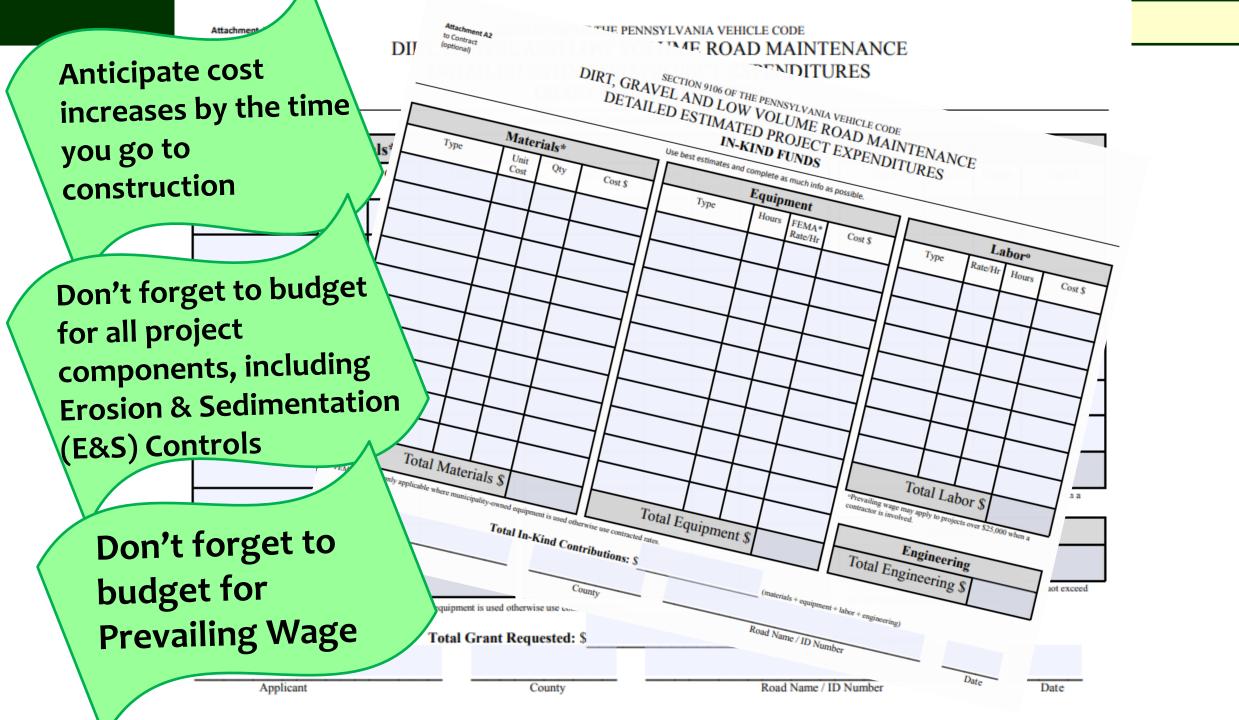
January 4, 2023

### ENGINEER'S ESTIMATE OF PROBABLE CONSTRUCTION COST Avenue Drainage Improvements

| ltem | Description                               |          | Quantity                              | Unit | τ  | Init Price |    | Escrow     |
|------|---|----------|---------------------------------------|------|----|------------|----|------------|
| 1    | MOBILIZATION                              |          | 1                                     | LS   | \$ | 15,000.00  | 5  | 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   | 5  | 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            | 5        | 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



## **Prevailing Wage**

- DGLVR projects <u>totaling \$25,000</u> or more must pay prevailing wage to <u>contracted</u> labor
  - –See "Frequently Asked Questions about Prevailing Wage Document"

## **Prevailing Wage**

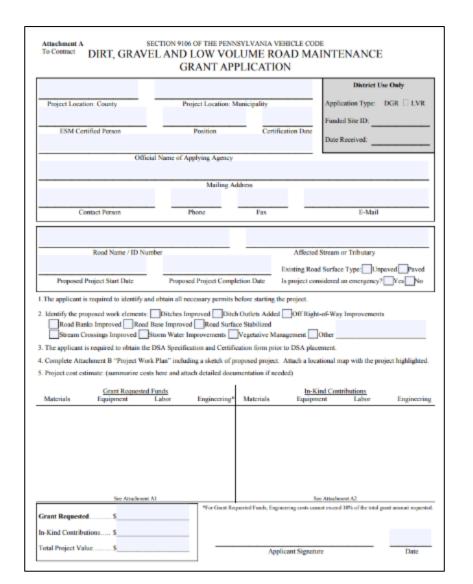
## —See recorded webinars from 2022

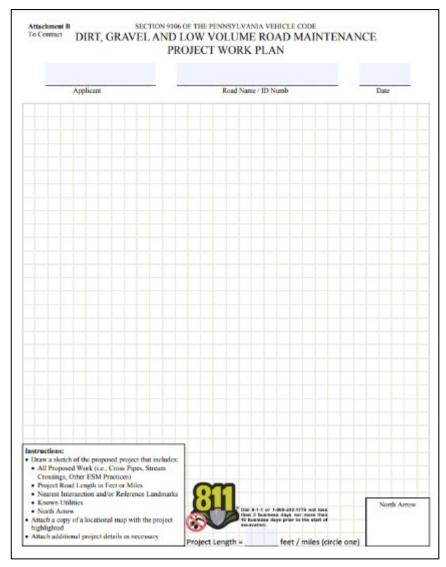
https://dirtandgravel.psu.edu/education-training/webinars/past-webinars/

- 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)

#### Filling out the Application

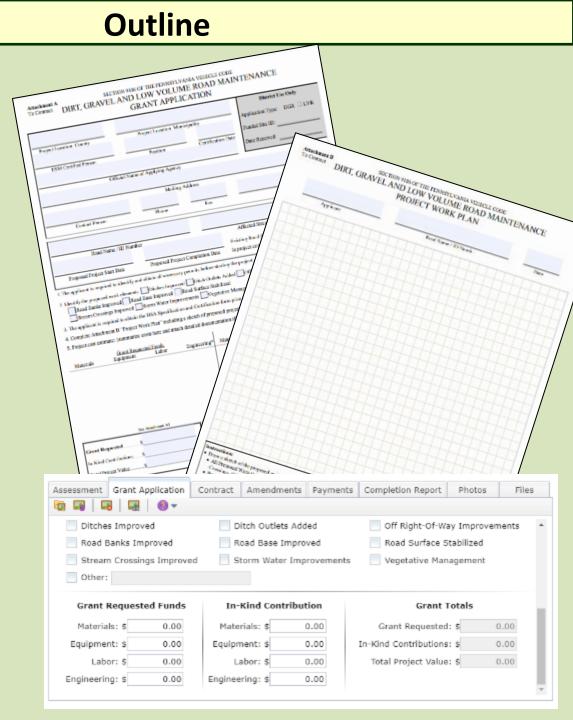
- 1. Fill out page 1 completely
- 2. Sketch
- 3. Location map
- 4. Cost estimate





# Preparing to fill out the grant application

- Filling out the grant application
- Supplements to the grant application
- Documenting changes to the grant application
- Adding the grant application to the GIS



Traffic count for LVR Projects

| Road Owner:  Township:  Set Sucation (if available):  Set Sucation (if available):  Set Sucation not available, describe count location here:  Set Sucation not available, describe count of the form.  Set Sucation not available, describe in the set of this page. If necessary, attach a describe the data 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.  Set Set In recessary, attach a description of the data and extrapolation methodology, source and date of traffic counts used, and maps.  Set Set In recessary, attach a description of the data used and extrapolation methodology, source and date of traffic counts used, and maps.  Set Set In recessary, attach a description of the data used and extrapolation methodology, source and date of traffic counts used, and maps.  Set Set In recessary, attach a description of the data used and extrapolation of the set | RAFFIC COUNT LOCATION   | <u>.</u>  |                                 |   |
|---|---|---|---------------------------------|---|
| Sp. location (if available):  | oad Name and #:   |   | Road Owner:                     |   |
| SPS location not available, describe count location here:   | ounty:  |   | Township:                       |   |
| Example: Traffic count on Smith road, % mile north of intersection with SR180, Maple road.)  Inflic Counts can be validated by use of existing data, a level 1 two-hour count, or a level 2 twenty-four-hour units. 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/   | PS Location (if available):   | W,  |                                 | N   |
| inffic Counts can be validated by use of existing data, a level 1 two-hour count, or a level 2 twenty-four-hour unts. 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.    EVEL 1 TRAFFIC COUNT DETAILS (2 hour count)   | GPS location not available  | e, describe count location l  | here:                           |   |
| 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)   | or example: Traffic count on Smith r  | road, % mile north of intersection wit  | h SR180, Maple road.)           |   |
| 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)   |   |   |                                 | evel 2 twenty-four-hour                       |
| data used and extrapolation method on the back of this page. If necessary, attach a description of t data and extrapolation methodology, source and date of traffic counts used, and maps.  LEVEL 1 TRAFFIC COUNT DETAILS (2 hour count)  Count Performed From/   |   | •   |                                 | of a dealers describe also                    |
| LEVEL 1 TRAFFIC COUNT DETAILS (2 hour count)  Count Performed From/   |   |   |                                 |   |
| Count Performed From  | data and extrapolatio   | n methodology, source an  | d date of traffic counts us     | sed, and maps.                                |
| Describe Count Method: (hand/camera/counter/etc.)  Count Performed by:  | 1   |   | -                               |   |
| Describe Count Method: (hand/camera/counter/etc.)  Count Performed by:  | Count Performed From  | m/,   | to                              |   |
| 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/   | 1   |   |                                 |   |
| 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/   | Count Performed by:   |   | of                              |   |
| LEVEL 2 TRAFFIC COUNT DETAILS (24 hour (minimum) automatic count)  Count Length: 24hr 48hr 72 hour other:  Count Performed From // ,  | Country enormed by:   | (name)  |                                 | (organization)                                |
| Count Length: 24hr 48hr 72 hour other:  Count Performed From/   | Total Count =   | vehicles x 12 =   | ADT                             |   |
| Count Performed From  | LEVEL 2 TRAFFIC COU   | INT DETAILS (24 hour (min   | imum) automatic count)          |   |
| Counter Used: air tube other:Counter Make/Model:Count Performed by:of   | Count Length: 24hr  | 48hr 72 hour other  | r:                              |   |
| Counter Used: air tube other:Counter Make/Model:Count Performed by:of   |   | m_/_/,  | to/                             |   |
| Count Performed by:   | -   |   | Date                            |   |
| 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  | Count Performed From  |   | Counter Make/Model:             |   |
| 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  | Count Performed From  | tube other:   | of                              |   |
| print name position print name position signature date  Conservation District Validation: The traffic count data supplied by the applicant is acceptable to the   | Count Performed From  | tube other:   | of                              |   |
| print name position print name position signature date  Conservation District Validation: The traffic count data supplied by the applicant is acceptable to the   | Count Performed From Counter Used: air to Count Performed by:   | tube other:   | of                              | (organization)                                |
| print name position signature date  Conservation District Validation: The traffic count data supplied by the applicant is acceptable to the   | Count Performed From Counter Used: air to Count Performed by:   | tube other:   | of                              | (organization)                                |
| Conservation District Validation: The traffic count data supplied by the applicant is acceptable to the   | Count Performed From Counter Used: air t Count Performed by: Total Count =  | (name)  24 hour countereby swear that this count is   | of<br>nt =                      | (organization)                                |
|   | Count Performed From Counter Used: air t Count Performed by: Total Count =  | (name)  24 hour countereby swear that this count is   | of<br>nt =                      | (organization)                                |
| Conservation District in accordance with SCC and county policy.   | Count Performed From Counter Used: air to Count Performed by:  Total Count =  Applicant Validation: I he State Conservation Commis  | (name)  24 hour countereby swear that this count is sion specifications.  | ofofaccurate as reported here a | (organization)ADT and done in accordance with |
|   | Count Performed From Counter Used: air to Count Performed by:  Total Count =  Applicant Validation: I he State Conservation Commis  print name  Conservation District Val | (name)  24 hour coule ereby swear that this count is sion specifications.  position  lidation: The traffic count da | of                              | (organization)ADT and done in accordance with |
| print name position signature date  | Count Performed From Counter Used: air to Count Performed by:  Total Count =  | (name)  24 hour coule ereby swear that this count is sion specifications.  position  lidation: The traffic count da | of                              | (organization)ADT and done in accordance with |

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

|   | Consent, license and release agreement   |   |  |  |  |
|---|--|---|--|--|--|
| between   | (road-owning entity) and _   | (landowner)   |  |  |  |
| and the undersigned ha<br>enter the undersigned's<br>undersigned's lands as d<br>the benefit of the under | ve agreed that employees, agents or<br>s land to cut, open, maintain, clean<br>eemed necessary by the Road Owning<br>signed and all residents. The undersig<br>lands the scope of the work which the | ein referred to as "Road Owning Entity") contractors of Road Owning Entity may and repair drains and ditches on the Entity to properly maintain the roads for ned acknowledges that he/she has been Road Owning Entity intends to perform   |  |  |  |
|   | s and the undersigned's drainage facili  | s accruing from proper maintenance of<br>ties, I/we, the undersigned, intending to  |  |  |  |
| following persor<br>(Herein referred<br>License and Rele  | is are all the persons with ownership i<br>to as "Subject Property") and that, if a  | ign: The undersigned certifies that the<br>nterest in the property described below<br>Ill owners have not signed this Consent,<br>as been authorized by all owners to sign  |  |  |  |
| Owners and Proj   | perty Addresses  | Property Description  |  |  |  |
| 2. Scope of Work (  | describe work to be done):   | the above-described property for purposes of implementing the of work" above, and for the future maintenance of those pract and effective for the life expectancy of the practices implement 4. Release: The undersigned do/does for himself/themse representatives, heirs, successors and assigns, forever releasentity, its officials, officers, agents, servants and employees at acting with or on behalf of the Road Owning Entity (Released | tices. This consent shall be vi<br>ed.<br>Ives, their spouse, perso<br>se and discharge Road Own<br>nd any other persons or enti<br>Parties) of and from any and |  |  |
|   |  | claims, liabilities, actions and demands of any and all nature<br>limited to any and all claims for property damage or bodily inju<br>any way related to any acts or omissions of the Release Parties<br>in the "scope of work" above, and for the future maintenance or  | ry which may arise from or be<br>relating to the practices descr   |  |  |
|   | nt: The undersigned, for and on  | <ol> <li>Binding on Successors: This Consent, License and Release<br/>successors, representatives and assigns.</li> </ol>   | shall be binding on Grant  |  |  |
|   | ant(s) a license to Road Ownin<br>entry of Road Owning Entity of   | In Witness Whereof, I/we have executed this agreement, certificeday of, 20  | ate, consent and release t   |  |  |
|   |  | 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
- 3<sup>rd</sup> party mix design for Full Depth Reclamation (FDR)

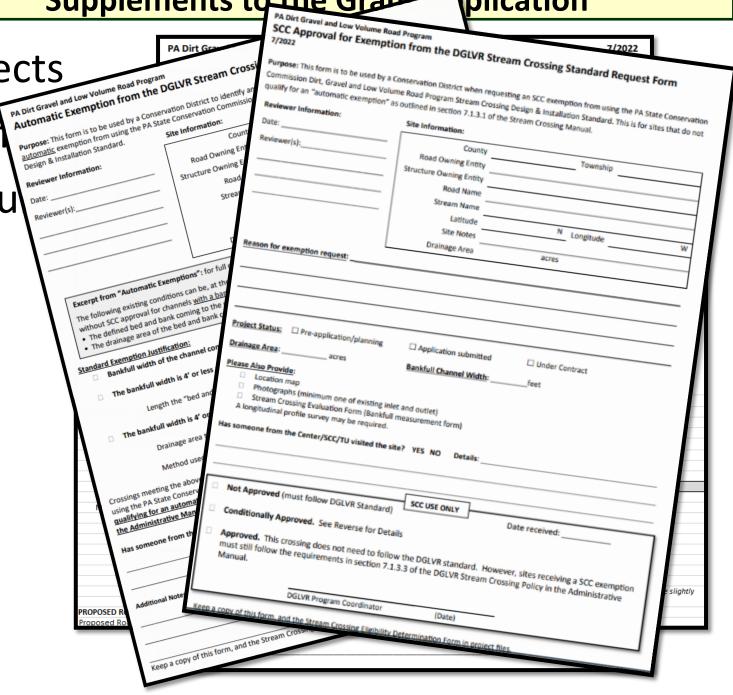


Traffic count for LVR Projects

Landowner consent for o<sup>1</sup>

3<sup>rd</sup> party mix design for Full

- Steam crossing forms
  - Eligibility
  - long pro/site assessment
  - Exemption form



- Traffic count for LVR Projects
- Landowner consent for off ril
- 3<sup>rd</sup> party mix design for Full [
- Steam crossing forms
- Technical Assistance

#### **Example Stationing Document** Description Station project start at top of hill (western end of project). 00+00 00+25 remove artificial berm on downhill side of road (continue berm removal along project length as needed). driveway (northern side of road) - leave existing plastic driveway pipe. Build headwall and 00+50 endwall. Regrade bottom of driveway to keep water from washing onto public road. Install new cross pipe. 18" diameter plastic pipe with stone headwall/endwall. 40 ft long. 01+00 existing ditch turn-out. Leave in place. 01+50 Existing cross pipe - corrugated metal, rusted out. Replace with new 18" plastic pipe with 02 + 15stone headwall/endwall. 35 ft long. install new cross pipe and through the bank pipe - outlet the through the bank pipe in tree 03+40line. \*\*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. run underdrain across road and outlet in stable grassy area. Adds 40 ft to underdrain length. 04 + 75existing concrete pipe - replace with new 18" plastic pipe with stone headwall/endwall. 35 ft 04+90long. 05 + 75end project at stream crossing with UNT to Juniata River. Crossing is in good condition.

#### Supple

- Traffic count for LVR Projects
- Landowner consent for off right-
- 3<sup>rd</sup> party mix design for Full Dept
- Steam crossing forms
- Technical Assistance
- Project narrative

### PA State Conservation Commission - Dirt, Gravel & Low Volume Roads Maintenance "Project Narrative"

| Worksite ID        | Project Participant | Road Name / ID Number |
|--------------------|---------------------|-----------------------|
|                    |                     |                       |
| lems Being Address | sed:                |                       |
| iems being radares |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
| ect Summary:       |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |
|                    |                     |                       |

The purpose of the "Project Narrative" is to provide a concise summary of the project. When kept in the project file, this will provide a quick overview and summary of the project for others (new district technicians, District Managers and Directors, SCC staff, etc.). As a simple example: Problem: Road was severely entrenched with no outlets for ditch water. Stream culvert pipe was undersized and causing scour issues. Project Summary: The addition of an average of 3' of shale fill raised the road, eliminated one ditch, and allowed us to put 4 crosspipes with gradebreaks into the road to drain the upper ditch. The 2' metal stream culvert was replaced with a 5' plastic pipe with a stone headwall and endwall.

- Traffic count for LVR Proje
- Landowner consent for of
- 3<sup>rd</sup> party mix design for Fi
- Steam crossing forms
- Technical Assistance
- Project narrative
- Technical bulletins



\* Piease also see the Center's related technical bulleting

The key to a shallow crosspipe is to allow the crosspipe elevation. Natural Ground Elevation sit A traditional crosspipe, illustrated on the left be installation depth. This can result in an excessive by excavating deeper into the road. This meth constant source of maintenance and erosion. By o it drains to natural ground. Pipe cover is then obta the road. The best way to understand a shallow p

#### Deep Pipe



minimation or produces, contact Centur for DH & Crowd Reads Reades Read States (National Part Plant) (Add Pres Physic 1-645-665-666), Fac: 814-863-676), Centur contact with the Service of tendprint (no. etc. 9.295 All rights reserved.

#### Constructed Stone Underdrains

#### 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 dept of the excavated trench should allow for the height of the

constructed drain and at least 12" of co reach the bottom of the finished road d the drain, ensure continuous fall in the

(1) Place geotestile fabric in the excess enough material to form a double la



Fill lined trench with clean stone.



(3) Wrap the fabric around the stone to



Overlap geo textil

(4) Place at least 12" of fill over the und native fill removed during trench exc the underdrain is beneath a ditch (as there is a possibility that the native f above the drain, consider topping the rock that is resistant to erosion. Cor

The publishes of this publication grantility activishings the financial supplimination or certifiance, contact. General to Cirl & Certal Reads Statios, January Park, Pril. 1885 (Tat Flee Plant 1 665-686-685); Fax. Att 665-6

#### Technical Bulletin **Driving Surface Aggregate**

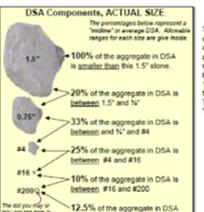


Inside the DSA: Larger particles locked tightly in place by smaller particles and fines.

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



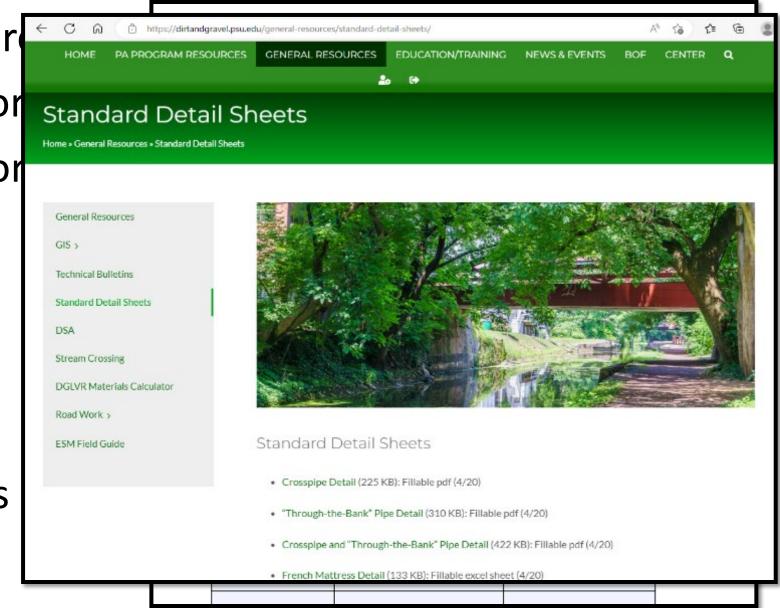
The above illustration shows how the various size components of DSA lock together when compacted to produce the most dense and durable aggregate surface possible. The specification is well graded from large pieces that give support, all the way down to the "fines", rock particles less than 1/300th of an inch. This well graded mix including fines allows DSA to achieve a very high density. The box to the left illustrates the actual sizes of a "midline" or average DSA specification.

- 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 vibe roller;
- · Can be placed at in an 8" depth and compacted to 6", or in a 6" depth and compacted to 41/4".

The publishers of this publication gratefully acknowledge the financial support of the PA State Conservation

is smaller than #200

- Traffic count for LVR Pr
- Landowner consent for
- 3<sup>rd</sup> party mix design for
- Steam crossing forms
- Technical Assistance
- Project narrative
- Technical bulletins
- Standard detail sheets

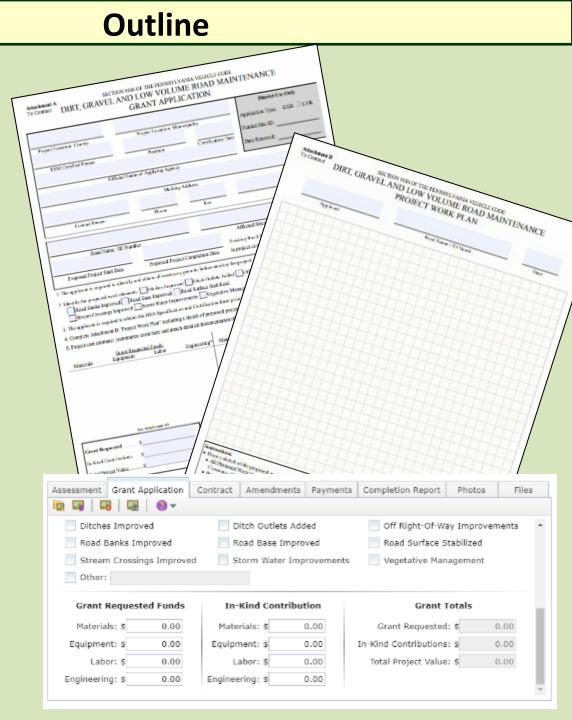


- Traffic count for LVR Projects
- Landowner consent for off right-of-way work
- 3<sup>rd</sup> party mix design for Full Depth Reclamation (FDR)
- Steam crossing forms
- Technical Assistance
- Project narrative
- Technical bulletins
- Standard detail sheets
- Before photos



# Preparing to fill out the grant application

- Filling out the grant application
- Supplements to the grant application
- Documenting changes to the grant application
- Adding the grant application to the GIS



The QAB can make changes to a grant application

(2) Expedite the approval process by allowing the Quality Assurance Board to insert additional requirements that complete and qualify the grant for approval and which when accepted by the applicant become a binding obligation on the applicant.

Changes are often made during project implementation

#### Why?

- Because the application becomes a DGLVR contract attachment
  - Defines the scope of work covered by the contract

#### 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)* 

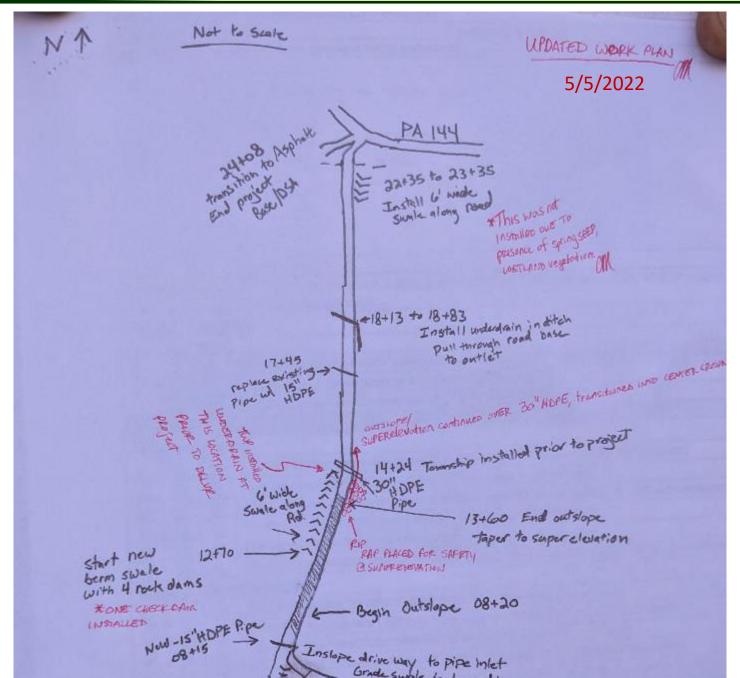
Attachment G - Prevailing Wage Certified Statement of Compliance (project specific)

### Excerpt from Administrative Manual:

#### 3.8.4.1 Application process

All applications for Program funding must be received on the "Dirt, Gravel, and Low- Volume Road Maintenance Program Grant Application" one-page form that has been approved by the Commission. The form must be signed by the applicant. The form, and instructions for completing the form, can be found in Appendix C.

District staff should review applications for administrative completeness and to ensure they comply with established Program policies and guidance. A project sketch, location map, and itemized costs are a required part of the grant application. District staff is encouraged to work with applicants to revise the scope of their applications that do not meet Program standards. Districts may make minor changes to the application and have the applicant show concurrence by initialing and dating the change. In cases where significant changes are needed to the application work plan, the district should work with the township to create a new application that represents an acceptable project. Examples of "significant changes" may include: changes in project scope, recommended design changes, considerations for engineering and permitting costs, resizing of stream crossing structures, etc. The district may, at their discretion, refuse to accept incomplete applications or applications that do not properly address environmental issues.



| Contract #   |   |  |  |  |  |
|--|---|--|--|--|--|
| Contract Amendment   |   |  |  |  |  |
| DIRT, GRAVEL, AND LOW VOLUME ROAD MAINTENANCE PROJECT AMENDMENT # TO AGREEMENT BETWEEN   |   |  |  |  |  |
| COUNTY CONSERVATION  | N DISTRICT AND                            |  |  |  |  |
| (project participe   | unt)                                      |  |  |  |  |
| Whereas, the agreement required the project maintenance project ("project") in accordance wit attached to the agreement.   |   |  |  |  |  |
| Whereas, the agreement required the district in an amount up to, but not exceeding \$  | to fund the eligible costs of the project |  |  |  |  |
| Whereas, the project participant underestimated to complete the project in accordance with a to the agreement.   |   |  |  |  |  |
| Whereas, the district is able to provide eligible funds to the project participant as long as the funds are used to complete the project as specified in the Application and Work Plan attached to the agreement and the total additional funds are no more than 40% of the amount of money included in the original agreement, unless a larger amount is approved by the SCC and the approval form is attached to this Amendment. |   |  |  |  |  |
| Now therefore, intending to be legally bound, the  | parties agree as follows:                 |  |  |  |  |
| <ol> <li>The district agrees to provide additional mo<br/>project in an amount up to, but not exceeding<br/>payable to project participant for the entire</li> </ol>   | ng \$ . The maximum amount                |  |  |  |  |
| The district agrees to extend the project completion date to  The project participant agrees to complete the project by this extended date.  |   |  |  |  |  |
| 3. Except as amended hereby, the original agreement remains in full force and effect.  |   |  |  |  |  |
| Wherefore, the parties have set their hands obound hereby.   | on the date indicated, intending to be    |  |  |  |  |
| For the District:  | For the Project Participant:              |  |  |  |  |
|  |   |  |  |  |  |
| (Signed) (Date)  | (Signed) (Date)                           |  |  |  |  |
| (Print Name)   | (Print Name)                              |  |  |  |  |
| (Title)  | (Title)                                   |  |  |  |  |

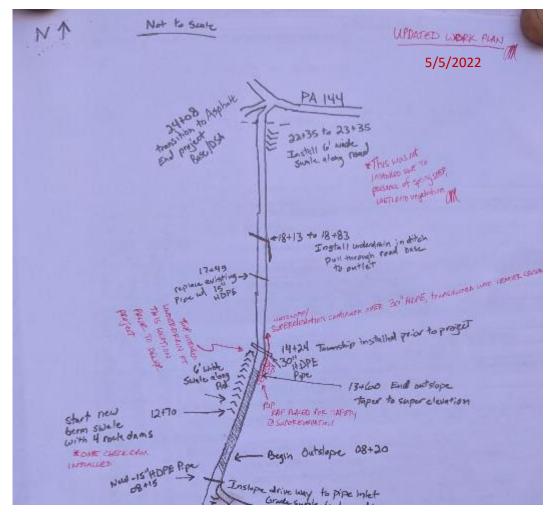
Revised: 07/2022

Attachment: SCC Approval Form (if applicable)

## e Grant Application

#### **As-Built Documentation**

- Shows final project scope of work that was installed
- Can still be as simple as red-line markups to the hand drawn sketch
- GIS drawing tool updates in development



# Preparing to fill out the grant application

- Filling out the grant application
- Supplements to the grant application
- Documenting changes to the grant application
- Adding the grant application to the GIS

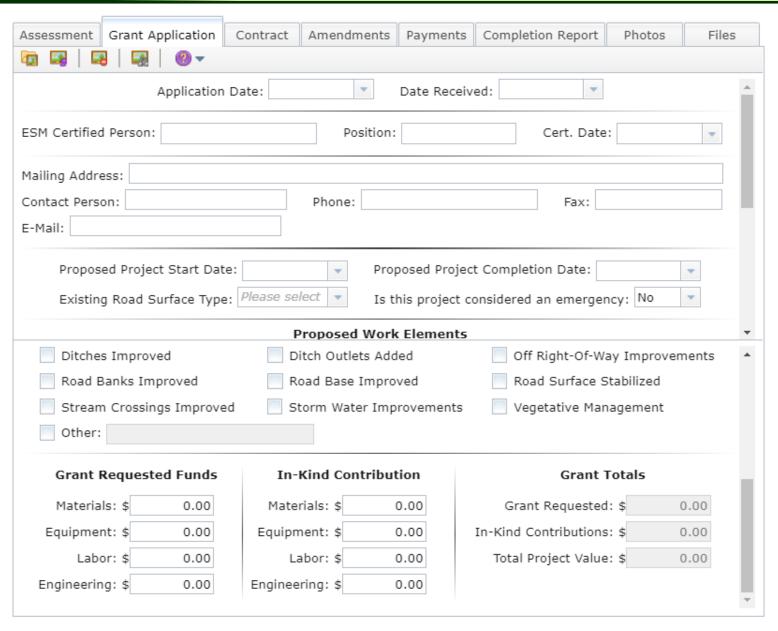


#### **Adding the Grant Application to GIS**

#### 3.9 GIS reporting System

Districts are encouraged to keep up with GIS data entry for funded projects on a real-time basis. At a minimum, districts must enter information on funded projects and program expenditures into the GIS system on a quarterly basis. All contracts, amendments (if applicable), and completion reports must be generated using the GIS. All funded projects are required to be filled out in the GIS as much as possible. This includes the assessment (if applicable), the grant application, contract, amendments (if applicable), payment(s), completion report, photos (if applicable), and any additional supporting files. Districts are required to update the GIS database for the Quarterly and Annual Reports (as described below), and immediately before Quality Assurance / Quality Control visits. The Commission may withhold funds to counties that do not keep GIS data current. In addition to the district login described above, the GIS system also has a "public viewer"

#### **Adding the Grant Application to GIS**



GIS Questions? Reach out to Ken Corradini: kjc139@psu.edu

#### **Adding the Grant Application to GIS**

#### Various files can be uploaded

- Project sketch
- Other supporting files



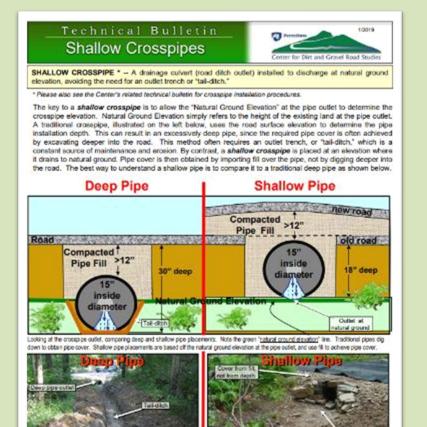
GIS Questions? Reach out to Ken Corradini: kjc139@psu.edu

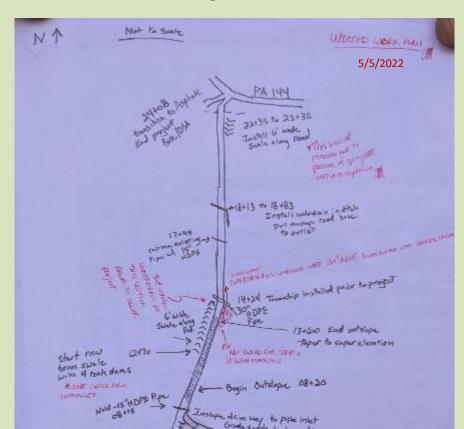
#### **Summary**

- It's important that DGLVR grant applications are thorough, detailed, and filled out correctly.
- "Better" applications are detailed and updated

Additional documentation does not need to be very time

consuming





#### **Reminders:**

## Quarterly Reports – Due 1/15/2023 Annual Summary Report – Due 1/15/2023

## **POLL QUESTIONS**

- DGLVR Administrative Training 1/18 @ 9am
- In person at Penn Stater in room 104: Contact Amy Lee Pifer (alp90@psu.edu) to register for in-person no later than Thursday, January 12, 2022.
- Option to participate virtually
- **FUTURE WEBINARS AND TRAININGS**: list will continue to evolve over time
- Webinar: 1/19, 9am: Spread Footer Bridge Showcase
- Webinar: 1/26, 9am: Small Slide Repair