

# DGLVR QAB Union County

May 11, 2020, Available via Zoom:

+1 617-675-4444 PIN: 359 667 730 2632#

Or <https://us02web.zoom.us/j/88941378758>

This Meeting is Being  
recorded on Zoom

# QAB Members and Agenda

## Members:

UCCD Rep: Eric Nyerges District  
Manager

UCCD Associate Director: Ben Marsh  
Bucknell University

NRCS: Jill Weaver

PA Fish and Boat: Officer Jacob  
Angstadt-Bennett

## Agenda:

Current Active Grants

Program Financials

Application: Aikey Road Hartley  
Township

Questions??

Adjorn Meeting

# Active Grants

Limestone Township: Mountain Road

Stage: About 75 percent complete,  
just needs driving surface and French  
Mattress on North end

Grant Increase: 20% contract  
amendment approved by UCCD Fall  
of 2019

Added: French mattress on north end  
and some cost overruns.



# Financials - DG & LVR Road Program

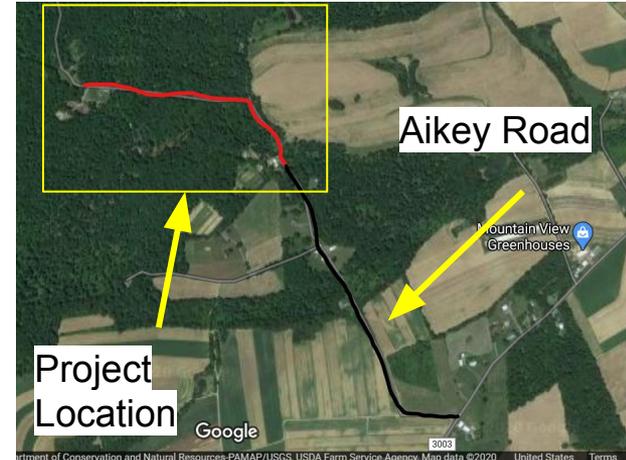
Spending Status		
Category	DG	LVR
Current FY20	\$131,053.26	\$13,464.20
Committed Remaining	\$96,462.18	\$0.00
Uncommitted	\$44,539.17	\$13,464.20
FY21 Funds	\$100,000	\$45,370.00
Total Available	\$144,539.17	\$58,834.20
<b>Combined Total Available</b>	<b>\$203,373.37</b>	

# D&G / Low Volume Road New Applications

Rank/Township	Road	Project	Cost
Funds Available:FY20 +FY21			\$203,373.37
Project 1: Hartley Twp (combined grant)	Aikey Road T366	Stream Crossing	\$153,190.06
Funds Remaining	Dirt and Gravel		\$50,183.31

# DGLVR Project: Aikey Road Hartley Twp.

- Joint Grant: Dirt and Gravel & Low Volume Rd
- Aikey Road - Dead end road North of Hartleton off Cold Run
- In Buffalo Creek Watershed - HQ CWF with native reproducing trout
- Turning LVR into Dirt and Gravel, three phases
- Phase 1 Project: North End replacing failing 24” culvert with 11’ x 60’ x 5’ plate arch structure
- UCCD and DGLVR working with Hartley since 2017 on replacing pipe, started failing with heavy rains on 4/30/2020.







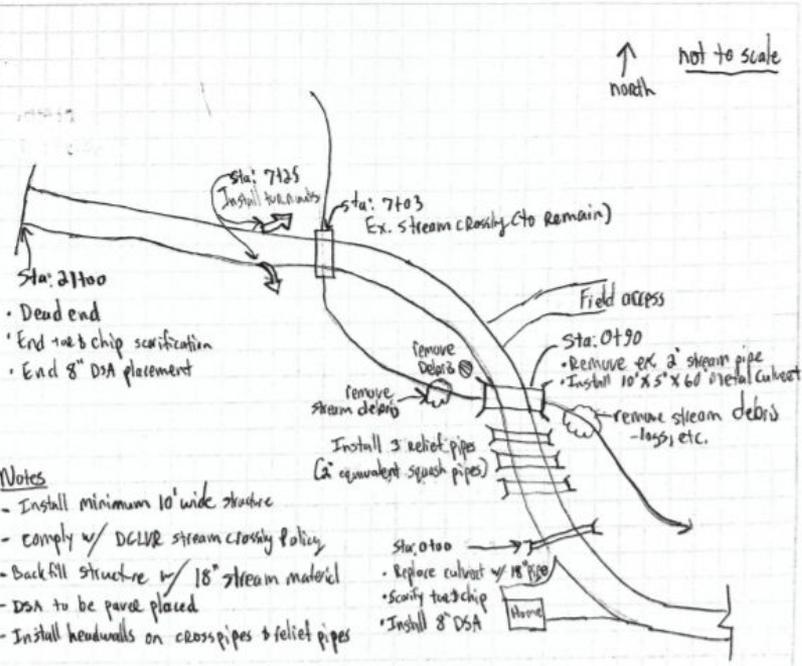
# DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE PROJECT WORK PLAN

Hartley Township  
Applicant

Aikey Road  
Road Name / ID Numb

5/9/2020  
Date

↑ north  
not to scale



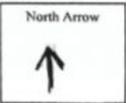
- Notes**
- Install minimum 10' wide structure
  - comply w/ DCNR stream crossing policy
  - Backfill structure w/ 18" stream material
  - DSA to be parcel placed
  - Install headwalls on cross pipes & relief pipes

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



Call 8-1-1 or 1-800-242-1776 not less than 3 business days nor more than 10 business days prior to the start of excavation.

Project Length = 2481 (feet) miles (circle one)



# DGLVR Project: Aikey Road Hartley Twp.

- Breakdown of Grant
  - Materials: \$113,161.31
  - Equipment: \$17,881.75
  - Labor: \$10,147.00
  - Engineering \$12,000.00
  - Total: \$155,190.06
- To fund this grant UCCD will use the remaining funds from FY20 \$55,000 + FY21 \$145,000 to cover it.
- **Motion: To approve a combined DGLVR Grant for Hartley Township for \$153,190.06**



Questions??????

# Lane Product Info

1. key Road, Union County, PA

Highway Loadings:HL-93,

Minimum Cover – **2.0 feet** (not including flexible pavement thickness)

1. Proposed Aluminum Box Culvert: BC-A-11 (11'-4" span x 5'-0"rise)

Full Invert (buried at least 18 inches)

Min Culvert invert Subgrade Bearing Capacity Required – 4,000 psf min. (subgrade bearing capacity to be inspected/confirmed by others).

1' toe plates (2 total)

Length of Culvert- 63 feet

Square ends