

PA Dirt Gravel and Low Volume Road Program

Level 2 Stream Crossing Replacement Justification – Request for SCC Approval Form

Purpose: This form is to be used by the Conservation District to request a Level 2 Stream Crossing Replacement and provide the reason(s) for the request. Email the requested documents to SCC DGLVR Program Staff. The SCC will review the request with the district to determine the requirements of the replacement. If approved, attach the next page when received from the SCC.

Site Information:

County	_____	Municipality	_____
Road Owning Entity	_____		
Structure Owning Entity	_____		
Road Name	_____		
Stream Name	_____		
Latitude	N	Longitude	W

Eligibility: Sites with existing site conditions that prevent an element(s) of the Standard from being met, and where the average bankfull width measurement is above 5 feet or the drainage area is above 65 acres.

Justification for Level 2 Request:

Project Status: ☐ Pre-application/Planning ☐ Application Submitted ☐ Under Contract

Drainage Area: _____ acres

Average Bankfull Channel Width: _____ feet

Please Attach:

- ☐ Stream Crossing Eligibility Determination Form
- ☐ StreamStats Bankfull & Peak Flow Statistics Report (if unavailable, attach a map showing drainage area)
- ☐ Photos (minimum one of existing inlet, outlet, US channel, DS channel, and road over crossing and to each side of crossing)
- ☐ A longitudinal profile survey if available (may be required as part of this determination request).

Has someone from the Center/SCC/TU visited the site? YES NO **Details:** _____

SCC USE ONLY

- ☐ **Not Approved** (complete Level 1 following DGLVR Standard) Date approved: _____
- ☐ **Conditionally Approved Level 2:** Build for Stability, Flood Capacity, and a Level of Continuity. Level 2 projects must include as many elements of the Stream Crossing Standard as site conditions allow. See Page 2 for Approval Details and Requirements.

SCC DGLVR Program Staff

(Date)

Keep a copy of this form, and the Stream Crossing Eligibility Determination Form in the project file.

[illegible]

2

PA Dirt Gravel and Low Volume Road Program

Level 3 Stream Crossing Replacement Justification Form

Purpose: This form is to be used by the Conservation District to identify and record a stream crossing as meeting eligibility criteria for a Level 3 Stream Crossing Replacement.

Eligibility: Bankfull measurement of 5 feet or less, and a drainage area of 65 acres or less. For full current policy see DGLVR admin manual chapter 7.1.3.3.

Site Information:

County	_____	Municipality	_____
Road Owning Entity	_____		
Structure Owning Entity	_____		
Road Name	_____		
Stream Name	_____		
Latitude	_____ N	Longitude	_____ W

Justification for Level 3:

- ☐ **Average bankfull channel width:** _____ feet
- ☐ **Drainage area of the channel coming to the road:** _____ acres
- ☐ Attach a map showing drainage area (*USGS StreamStats if available*)

Method used to determine drainage area: _____

Minimum Requirements for Level 3 (For full current policy see admin manual chapter 7.1.3.3):

- New structures must be a single span a minimum width of 1 times or 100% of the bankfull channel width unless otherwise approved by the SCC.
- Ensure the stability of the channel upstream and downstream.
 - Upstream: Grade control(s) are required immediately (between one and two bankfull widths) upstream of the inlet of the new structure to prevent headcutting (headward erosion lowering channel elevation that moves upstream over time). These grade controls are typically installed at the existing streambed elevation. If a larger structure is installed in a channel with road height limitations, installing a larger structure below the existing streambed elevation without grade control(s) will likely cause a headcut.
 - Downstream: Outlet stabilization is required in the form of grade controls, bank armoring, and/or filling in scour holes. Any grade controls are typically installed at the existing streambed elevation. Pipes may need to be extended further off the road, and the erosion potential caused by any elevation drops must be considered.
- New structures must be properly aligned with the channel, unless this is not feasible due to permitting restrictions or other constructability constraints.
- Consider floodplain connectivity when necessary (e.g., high water by-pass, overflow pipes, etc.).
- Divert surface runoff and road drainage away from the stream and structure in a manner that prevents erosion and prevents discharges to the stream.

Has someone from the Center/SCC/TU visited the site? YES NO **Details:** _____

Additional Notes: _____

Conservation District Signature

Date

Keep a copy of this form and the Stream Crossing Eligibility Determination Form in the project file.