

Dirt, Gravel, and Low-Volume Road QAB Scoring System

Updated December 3, 2020

The following numerical scoring system was used to rank all projects.

160 Possible Points awarded in seven sections:

- | | |
|--|---|
| 1. Environmental Impact - 50 points | 5. Past Project Maintenance – 10 points |
| 2. Watershed Quality - 30 points | 6. Matching Funds - 10 points |
| 3. Effectiveness of Solution – 30 points | 7. History/Cooperation - 10 points |
| 4. Project Phasing – 20 points | |

1. **Environmental Impact** (50 points)- divide score by 2 for modified assessment score

Road name										
Assessment date										
<i>Road Drainage to stream</i>	None	0	Slight	5	Moderate	10	Severe	15		
<i>Wet Site conditions</i>	Dry	0	Saturated Ditches	3	Roadside Springs	5	Flow in ditches	7	Saturated Base	10
<i>Pavement Condition – LVR</i>	Good	0	Fair, some cracking	3	Poor, cracking, unevenness	5	Damaged	7	Severely Damaged	10
<i>OR Road Surface Condition – D&G</i>	Hard Gravel	0	Mixed Stone	3	Soft Stone	5	Mixed Stone/dirt/dust	7	Severe Dust	10
<i>Road Slope</i>	<5%	0	5-10%	5	>10%	10				
<i>Road Shape (cross-slope/crown)</i>	Good	0	Fair	3	Poor	5				
<i>Slope to Stream</i>	<30%	0	30-60%	3	>60%	5				
<i>Distance to Stream</i>	>100'	0	50'-100'	3	<50'/crossing	5				
<i>Outlets to Stream</i>	None	0	Near Stream	3	Directly to Stream	5				
<i>Outlet/Bleeder Stability</i>	Stable	0	Fair	1	Poor	3	Unstable	5		
<i>Road Ditch Stability</i>	Stable	0	Fair	3	Poor	7	Unstable	10		
<i>Road Bank Stability</i>	Stable	0	Fair	3	Poor	7	Unstable	10		
<i>Average Canopy Cover</i>	Moderate	0	Minimal	3	Heavy	5				
<i>Off-ROW Impacts Resolved</i>	None	0	Minimal	1	Some	3	Many	5		

Modified Assessment Score: _____

2. **Watershed Quality** (30 points) – Based on PA Code Water Quality Standards

HQ-CWF/EV/Drinking Water Source = 30 points
CWF/TSF = 24 points
WWF = 18 points
Impaired watershed = add 6 points

Watershed Quality Score: _____

3. **Effectiveness of Solution** (30 points)

3a. Degree to which project remediates impact to water body:

Slightly = 0 Moderately = 5 Highly = 10 Almost completely = 15

3b. Cost effectiveness: How much “environmental benefit per dollar” (benefit per cost)?

Low ben/\$ = 0 Moderate ben/\$ = 5 High ben/\$ = 10 Very high ben/\$ = 15

Effectiveness of Solution Score: _____

4. **Project Phasing** (20 points) – Is this project a continuation of a project funded in the last 2 years on the same section of road?

Yes = 20 points No = 0 points

Phasing Score: _____

5. **Past Project Maintenance** (10 points) – Are the applicant’s past DGLVR projects maintained?

Yes/no past projects = 10 points No = 0 points

Maintenance Score: _____

6. **Matching Funds** (10 points) – % of Applicant’s matching funds compared to the requested funds
i.e.: \$10,000 grant requested and in-kind is \$5,000 = 50% matching funds = 10 points

1-10% = 2.5 points 11-25% = 5 points >25% = 10 points

Matching Funds Score: _____

7. **History/Cooperation Status** (10 points) – Applicant involvement in the process and their willingness to comply with the Program Standards.

First DGLVR Project = 10 points

Two or more DGLVR projects
with applicant with good history = 5 points

Non-cooperation = 0 points

History/Cooperation Score: _____

Bonus Points (5 points maximum) – if the applicant has done any of the following, 5 points will be added to their ranking score:

-if applicant has attended an ESM training more frequently than the requirement of every 5 years

-if the contractor who will complete the project work has attended an ESM training

-if the applicant has attended any outreach events organized by the Huntingdon County Conservation District to further their knowledge of the Dirt, Gravel, and Low-Volume Roads program

Bonus Points: _____

Total Application Score = _____

Dirt, Gravel, and Low-Volume Road QAB Scoring System

Date: _____

Scoring Verification Signatures:

_____ Russell Kyper (HCCD)

_____ James Steward (NRCS)

_____ Ryan Erdman (PFBC)

_____ Sherri Law (HCCD)