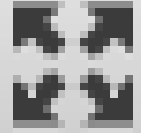




Toggle Fullscreen
mode with this button
above



Use Chat
box to ask
Questions

DGLVR Application Ranking Criteria

12/11/2014

If you are reading this, then you are successfully seeing the **webinar video**. In addition to audio on the webinar, we have opened a phone conference line to allow attendees to listen and ask questions directly: **866-823-7699**. Please use either the webinar audio or conference line, but not both (will produce feedback)

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Will start at 10am

Webinar, including Q&A, will be recorded and available later. www.dirtandgravelroads.org



Center for Dirt and Gravel Road Studies



center home

center info

calendar

news

resources

edu/training

Webinars:

In an effort to better communicate the many changes occurring within the Program, the PSU Center for Dirt and Gravel Roads will be scheduling a series of webinars in the coming months. The webinars will be directed at Conservation Districts, although anyone can join and there is no fee. These webinars will be topic-specific, not general program updates as some past webinars have been. The webinars will consist of 20-40 minutes of presentation, followed by 40-60 minutes of Q&A or discussion (90 minute max).

Webinar Link (no registration needed if you sign in as a guest): <https://meeting.psu.edu/cdgrs/>



Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

FY 2014-15 District Allocations

- First batch of 18 Assignment Agreements on way to comptroller this week, advances for those Districts expected in 4-6 weeks.
- The quicker your assignment agreement was received by SCC, the sooner you will get your advance.
- FY 2015-16 should go back to normal schedule with advances in fall 2015.

Application Ranking Criteria

- **Background**
- **Example Template**
- **Additional Considerations**
- **Ideas from Other Districts**
- **Feedback & Discussion**

Attachment A
Contract

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

Project Location: County _____ Municipality _____

Project Location: Municipality _____

Applicant: ISM Certified Person _____ Position _____ Certification Date _____

Official Name of Applying Agency _____

Mailing Address _____

Contract Period _____

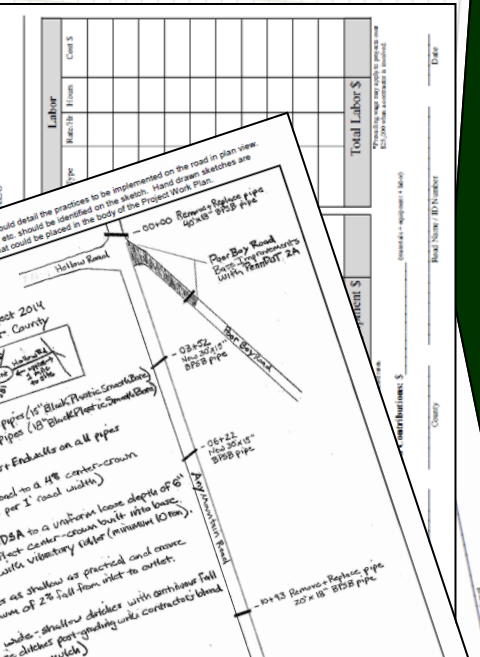
Director Use Only
Application Type: DGR LVR
Work Site ID: _____
Date Received: _____

Attachment B
Contract

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

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

Item No.	Description	Quantity	Unit	Labor		Material \$	Equipment \$	Subcontractor \$	Total Labor \$	Total \$
				Hours	Rate					



Audio also available via phone: 866-823-7699

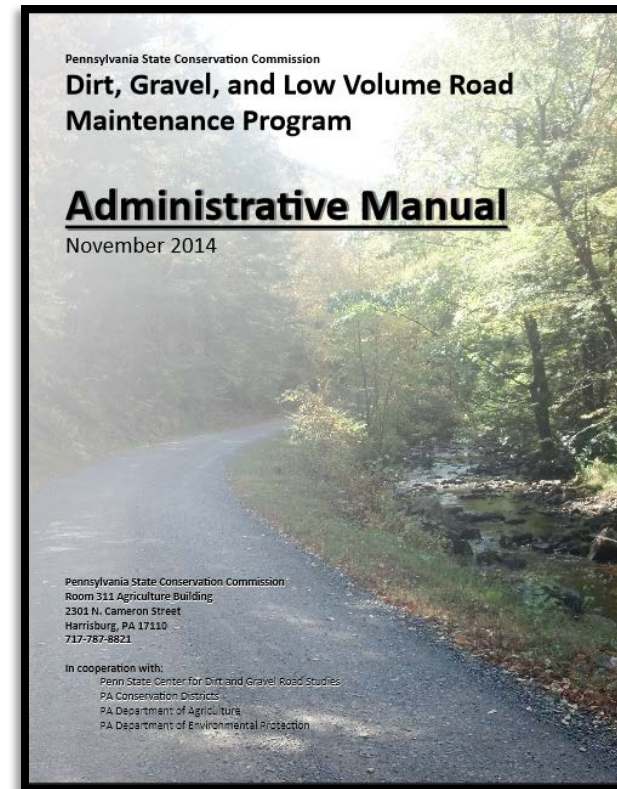
For assistance, call: 814-865-5355

DG&LVR Administrative Manual

Approved by SCC 11/12/14

- 1) Introduction
- 2) SCC Role
- 3) Conservation District Role
- 4) Quality Assurance Board Role
- 5) Applicant Role
- 6) Center for Dirt and Gravel Roads
- 7) Additional Policies
- 8) Permits and Other Requirements

Appendices (Appendix Q: Proj Ranking Criteria)



Quality Assurance Board

Four member board (2 CD, PAFBC, NRCS) that makes recommendations to District Board.

- Policy Recommendations
- **Funding Recommendations**

QAB Webinar and presentation available online

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Application Ranking Criteria

- COUNTY SPECIFIC!
- Written criteria is required in each District.
- Should be specific to local priorities.
- Should have environmental focus
- **REQUIRED** – the only way to answer: “why did you fund that project and not my project?”

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Application Ranking Criteria

- Has always been required.
- Now is the time to “revamp” and take LVR projects into consideration.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Application Ranking Criteria

- Probably the most important piece of paper in the Program for your county!
- Since the ranking criteria is basically your Districts “priorities” make it available to applicants:
 - Will emphasize environmental focus of program.
 - Will likely get better, more fitting applications.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

How to create or update

- CD staff work with QAB to create/update.
- QAB recommends to District Board for Approval.
- District Board approves and it essentially becomes policy.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Application Ranking Criteria

- Background
- **Example Template**
- Additional Considerations
- Ideas from Other Districts
- Feedback & Discussion

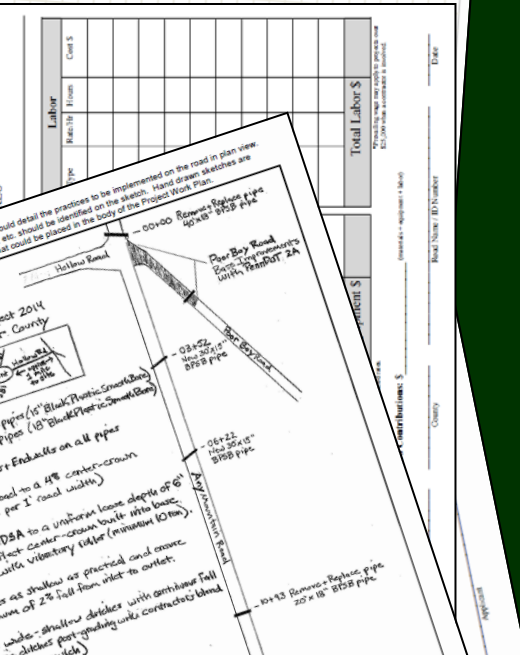
Attachment A
Contract
SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE
DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE
GRANT APPLICATION

Project Location: County _____ Municipality _____
Division Use Only
Application Type: DGR LVR
Work Site ID: _____
Date Received: _____

Office Name of Applying Agency: _____
Mailing Address: _____
Contract Period: _____

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

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



Audio also available via phone: 866-823-7699
For assistance, call: 814-865-5355

- Center, Program, and “Policy and Planning” advisory workgroup created and distributed example ranking criteria October 2014.
- Online in MS Word format.
 - Use a little!
 - Use a lot!
 - Don’t use at all!
- Make it your own based on LOCAL priorities.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

One ranking sheet or two?

D&G



paved LVR



Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Poll Question

Will you have one set of ranking Criteria for both paved LVR and D&G applications, or separate?

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

One ranking sheet or two?

- **Local decision!**
- We chose to go with one in our example:
 - Stresses the fact that the focus on LVR projects is the same as the focus of D&G projects

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Application Ranking

This document is provided only as an example. County QABs can use as little or as much of the information here as they desire to establish local priorities in project ranking.

Example Dirt, Gravel, and Low-Volume Road Grant

Application Ranking 8/13/14

Select type of application
Unpaved (Dirt and Gravel)
Paved (Low Volume Road)

SECTION 1: APPLICATION VALIDATION

Note the validation criteria in Section 1 serve to insure a project is eligible. Feel free to insert additional county specific criteria.

	YES	NO
Does this road site negatively impact a stream, lake, wetland, or other water body? <small>circle choice</small>	YES	NO
Will the proposed project reduce environmental impacts to a water body?	YES	NO
Is someone from the applying entity "ESM Certified" within the past 5 year?	YES	NO
Does the proposed application meet all SCC requirements (non-pollution, pipe size, etc.)	YES	NO
Does the proposed application meet all policies adopted by the local County QAB?	YES	NO
Has the applicant identified and agreed to obtain all necessary permits?	YES	NO
LVR ONLY: If the traffic count is known at this point, is it 500 vehicles per day or less? <small>NO unavailable</small>	YES	NO

(note traffic count is required before contract is signed)

If any of the questions above are answered "NO", the application is currently not eligible for funding.

SECTION 2: APPLICATION RANKING

Feel free to delete criteria, add criteria, or change weighting of criteria to better fit local County needs.

SEVERITY OF PROBLEM

1. "Modified" Worksites Assessment:

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

Note the assessment above has been modified from the original version. Feel free to use the original version or change the scores to reflect county priorities. Regardless of the method used, sites should be re-evaluated when they are applied for. Outdated GIS assessment

Modified Assessment Subtotal: _____ (110)

Example Template

2. Classification of stream or waterbody impacted:

Warmwater Fishery-10 Coldwater Fishery-20 HQ/EV/drinking water-30 _____ (30)

EFFECTIVENESS OF SOLUTION

3. Degree to which project remediates impact to waterbody:

Slightly-0 Moderately-10 Highly-30 Almost completely-50 _____ (50)

4. Degree to which project improves road:

Slightly-0 Moderately-5 Highly-10 Extremely high-15 _____ (15)

5. Cost effectiveness: How much "environmental benefit per dollar" (benefit per cost)?

Low ben/\$-0 Moderate ben/\$-10 High ben/\$-30 Very high ben/\$-50 _____ (50)

OTHER FACTORS

6. In-Kind Contributions from Applicant:

1 to 10%-5 10-25%-10 Over 25%-15 _____ (15)

7. Did applicant contact CD about this specific project before submitting application: _____ (15)

No-0 Discussed site details with CD-10 Met w/CD on site-15

This sample ranking criteria is weighted toward applications that have moderate to severe environmental problems, and high to very high benefit solutions. Your QAB is encouraged to customize this to best fit your county's needs.

Point Summary:

Severity of Problem: _____ (140 possible points)
Effectiveness of Solution: _____ (115 possible points)
Other Factors: _____ (45 possible points)
TOTAL SCORE: (300 possible points)

OTHER CONSIDERATIONS: Some other factors that your local QAB may want to consider:

- Types of road use (residential, school bus route, timber, agriculture, etc.)
- Are all necessary permits already in-hand or applied for?
- Addressing road hazards.
- Past working relationship with applicant within Program.
- A required minimum score in order to be eligible for funding.
- Location of project within MS4 or TMDL or Combined Sewer Overflow regions.
- Presence or absence of "curb and gutter" systems.
- Flooding or winter icing issues on the road.
- Future road use plans (developments, drilling, etc.).
- Collaboration with other agencies or projects.

Your QAB is encouraged to customize this evaluation to circumstances in your county. You may develop a joint D&G and LVR ranking sheet such as this, or you may develop separate rankings for D&G and LVR applications. Any ranking criteria used should insure equal access to all potential applicants and be consistent with state policies. Program and Center staff would be glad to review your ranking criteria on request.

Will provide download link at end of presentation.

Application Ranking

This document is provided only as an example. County QABs can use as little or as much of the information here as they desire to establish local priorities in project ranking.

Example Dirt, Gravel, and Low-Volume Road Grant

Application Ranking 8/13/14

Select type of application	
<input type="checkbox"/>	Unpaved (Dirt and Gravel)
<input type="checkbox"/>	Paved (Low Volume Road)

SECTION 1: APPLICATION VALIDATION

Note the validation criteria in Section 1 serve to insure a project is eligible. Feel free to insert additional county specific criteria.

Does this road site negatively impact a stream, lake, wetland, or other water body? circle choice YES NO

Application Validation

Has the applicant identified and agreed to obtain all necessary permits? YES NO

LVR ONLY: If the traffic count is known at this point, is it 500 vehicles per day or less? YES NO unavailable

(note traffic count is required before contract is signed)

If any of the questions above are answered "NO", the application is currently not eligible for funding.

SECTION 2: APPLICATION RANKING

Feel free to delete criteria, add criteria, or change weighting of criteria to better fit local County needs.

SEVERITY OF PROBLEM

1. "Modified" Worksite Assessment:

- a. Road Drainage to Stream: none-0 Slight-5 Moderate-10 Severe-15 _____ (15)
- b. Wet Site Conditions: Dry-0 Saturated Ditches-3 Roadside Springs-5 _____ (10)
Flow in Ditches-7 Saturated Base-10
- c. Road Surface Condition _____ (15)
 - i. LVR EVALUATION: Pavement Condition: good-0 fair, some cracking-5
Poor, cracking, unevenness-7 Damaged-10 Severely Damaged-15
 - ii. D&G EVALUATION: Hard Gravel-0 Mixed Stone-5 Soft Stone-7

Problem

- h. Outlets to Stream: None-0 Near Stream-3 Directly to Stream-5 _____ (5)
- i. Outlet/Bleeder Stability: Stable-0 Moderate-3 Unstable-5 _____ (5)
- j. Road Ditch Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- k. Road Bank Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- l. Average Canopy Cover: Moderate-0 Minimal-3 Heavy-5 _____ (5)
- m. Off-ROW Impacts resolved: None-0 Minimal-3 Some-7 Many-10 _____ (10)

Note the assessment above has been modified from the original version. Feel free to use the original version or change the scores to reflect county priorities. Regardless of the method used, sites should be re-evaluated when they are applied for. Outdated GIS assessment

Modified Assessment Subtotal: _____ (110)

Example Template

2. Classification of stream or waterbody impacted:

Warmwater Fishery-10 Coldwater Fishery-20 HQ/EV/drinking water-30 _____ (30)

EFFECTIVENESS OF SOLUTION

3. Degree to which project remediates impact to waterbody:

Slightly-0 Moderately-10 Highly-30 Almost completely-50 _____ (50)

Solution

5. Cost effectiveness: How much "environmental benefit per dollar" (benefit per cost)?

Low ben/\$-0 Moderate ben/\$-10 High ben/\$-30 Very high ben/\$-50 _____ (50)

OTHER FACTORS

Misc

- 6. _____ (5)
- 7. No-0 Discussed site details with CD-10 Met w/CD on site-15 _____ (5)

This sample ranking criteria is weighted toward applications that have moderate to severe environmental problems, and high to very high benefit solutions. Your QAB is encouraged to customize this to best fit your county's needs.

Point Summary:

Severity of Problem: _____ (140 possible points)
 Effectiveness of Solution: _____ (115 possible points)
 Other Factors: _____ (45 possible points)
TOTAL SCORE: _____ (300 possible points)

OTHER CONSIDERATIONS: Some other factors that your local QAB may want to consider:

- Types of road use (residential, school bus route, timber, agriculture, etc.)
- Are all necessary permits already in-hand or applied for?
- Addressing road hazards.
- Past working relationship with applicant within Program.
- A required minimum score in order to be eligible for funding.
- Location of project within MS4 or TMDL or Combined Sewer Overflow regions.

Your QAB is encouraged to customize this evaluation to circumstances in your county. You may develop a joint D&G and LVR ranking sheet such as this, or you may develop separate rankings for D&G and LVR applications. Any ranking criteria used should insure equal access to all

Other thoughts

Application Ranking

This document is provided only as an example. County QABs can use as little or as much of the information here as they desire to establish local priorities in project ranking.

Example Dirt, Gravel, and Low-Volume Road Grant

Application Ranking 8/13/14

Select type of application
Unpaved (Dirt and Gravel)
Paved (Low Volume Road)

SECTION 1: APPLICATION VALIDATION

Note the validation criteria in Section 1 serve to insure a project is eligible. Feel free to insert additional county specific criteria.

Does this road site negatively impact a stream, lake, wetland, or other water body? circle choice YES NO

Application Validation

Has the applicant identified and agreed to obtain all necessary permits? YES NO

LVR ONLY: If the traffic count is known at this point, is it 500 vehicles per day or less? YES NO NO unavailable

(note traffic count is required before contract is signed)

If any of the questions above are answered "NO", the application is currently not eligible for funding.

SECTION 2: APPLICATION RANKING

Feel free to delete criteria, add criteria, or change weighting of criteria to better fit local County needs.

SEVERITY OF PROBLEM

1. "Modified" Worksite Assessment:

- a. Road Drainage to Stream: none-0 Slight-5 Moderate-10 Severe-15 _____ (15)
- b. Wet Site Conditions: Dry-0 Saturated Ditches-3 Roadside Springs-5 _____ (10)
Flow in Ditches-7 Saturated Base-10
- c. Road Surface Condition _____ (15)
 - i. LVR EVALUATION: Pavement Condition: good-0 fair, some cracking-5
Poor, cracking, unevenness-7 Damaged-10 Severely Damaged-15
 - ii. D&G EVALUATION: Hard Gravel-0 Mixed Stone-5 Soft Stone-7

Problem

- h. Outlets to Stream: None-0 Near Stream-3 Directly to Stream-5 _____ (5)
- i. Outlet/Bleeder Stability: Stable-0 Moderate-3 Unstable-5 _____ (5)
- j. Road Ditch Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- k. Road Bank Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- l. Average Canopy Cover: Moderate-0 Minimal-3 Heavy-5 _____ (5)
- m. Off-ROW Impacts resolved: None-0 Minimal-3 Some-7 Many-10 _____ (10)

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Modified Assessment Subtotal: _____ (110)

Example Template

2. Classification of stream or waterbody impacted:

Warmwater Fishery-10 Coldwater Fishery-20 HQ/EV/drinking water-30 _____ (30)

EFFECTIVENESS OF SOLUTION

3. Degree to which project remediates impact to waterbody:

Slightly-0 Moderately-10 Highly-30 Almost completely-50 _____ (50)

Solution

5. Cost effectiveness: How much "environmental benefit per dollar" (benefit per cost)?

Low ben/\$-0 Moderate ben/\$-10 High ben/\$-30 Very high ben/\$-50 _____ (50)

OTHER FACTORS

- 6. _____ (5)
- 7. _____ (5)
No-0 Discussed site details with CD-10 Met w/CD on site-15

This sample ranking criteria is weighted toward applications that have moderate to severe environmental problems, and high to very high benefit solutions. Your QAB is encouraged to customize this to best fit your county's needs.

Point Summary:

Severity of Problem: _____ (140 possible points)
Effectiveness of Solution: _____ (115 possible points)
Other Factors: _____ (45 possible points)
TOTAL SCORE: _____ (300 possible points)

OTHER CONSIDERATIONS: Some other factors that your local QAB may want to consider:

- Types of road use (residential, school bus route, timber, agriculture, etc.)
- Are all necessary permits already in-hand or applied for?
- Addressing road hazards.
- Past working relationship with applicant within Program.
- A required minimum score in order to be eligible for funding.
- Location of project within MS4 or TMDL or Combined Sewer Overflow regions.

Your QAB is encouraged to customize this evaluation to circumstances in your county. You may develop a joint D&G and LVR ranking sheet such as this, or you may develop separate rankings for D&G and LVR applications. Any ranking criteria used should insure equal access to all

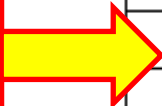
Other thoughts

This document is provided only as an example. County QABs can use as little or as much of the information here as they desire to establish local priorities in project ranking.

Example Dirt, Gravel, and
Application Ranking 8/13/14

Choice of D&G or Paved LVR

Select type of application	
<input type="checkbox"/>	Unpaved (Dirt and Gravel)
<input type="checkbox"/>	Paved (Low Volume Road)



SECTION 1: APPLICATION VALIDATION

Note the validation criteria in Section 1 serve to insure a project is eligible. Feel free to insert additional county specific criteria.

Does this road site negatively impact a stream, lake, wetland, or other water body?	YES	NO
Will the proposed project reduce environmental impacts to a water body?	YES	NO
Is someone from the applying entity "ESM Certified" within the past 5 year?	YES	NO
Does the proposed application meet all SCC requirements (non-pollution, pipe size, etc.)	YES	NO
Does the proposed application meet all policies adopted by the local County QAB?	YES	NO
Has the applicant identified and agreed to obtain all necessary permits?	YES	NO
<u>LVR ONLY</u> : If the traffic count is known at this point, is it 500 vehicles per day or less?	YES	NO <u>unavailable</u>

circle choice

(note traffic count is required before contract is signed)

If any of the questions above are answered "NO", the application is currently not eligible for funding.

Audio also available via phone: 866-823-7699
For assistance, call: 814-865-5355

This document is provided only as an example. County QABs can use as little or as much of the information here as they desire to establish local priorities in project ranking.

Example D

Application Ranking 8/19/14

Yellow are notes or instructions: delete them!

Grant

Select type of application	
<input type="checkbox"/>	Unpaved (Dirt and Gravel)
<input type="checkbox"/>	Paved (Low Volume Road)

Note the validation criteria in Section 1 serve to insure a project is eligible. Feel free to insert additional county specific criteria.

SECTION 1: APPLICATION VALIDATION

circle choice

- Does this road site negatively impact a stream, lake, wetland, or other water body? YES NO
- Will the proposed project reduce environmental impacts to a water body? YES NO
- Is someone from the applying entity "ESM Certified" within the past 5 year? YES NO
- Does the proposed application meet all SCC requirements (non-pollution, pipe size, etc.) YES NO
- Does the proposed application meet all policies adopted by the local County QAB? YES NO
- Has the applicant identified and agreed to obtain all necessary permits? YES NO
- LVR ONLY: If the traffic count is known at this point, is it 500 vehicles per day or less? YES NO unavailable

(note traffic count is required before contract is signed)

If any of the questions above are answered "NO", the application is currently not eligible for funding.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Application Validation

Page 1, top

This document is provided only as an example. County QABs can use as little or as much of the information

“Yes” required for all questions to determine eligibility before actual ranking begins

SECTION 1: APPLICATION VALIDATION

eligible. Feel free to insert additional county specific criteria.

Does this road site negatively impact a stream, lake, wetland, or other water body?	YES	NO
Will the proposed project reduce environmental impacts to a water body?	YES	NO
Is someone from the applying entity “ESM Certified” within the past 5 year?	YES	NO
Does the proposed application meet all SCC requirements (non-pollution, pipe size, etc.)	YES	NO
Does the proposed application meet all policies adopted by the local County QAB?	YES	NO
Has the applicant identified and agreed to obtain all necessary permits?	YES	NO
<u>LVR ONLY</u> : If the traffic count is known at this point, is it 500 vehicles per day or less?	YES	NO <u>unavailable</u>

circle choice

(note traffic count is required before contract is signed)

If any of the questions above are answered “NO”, the application is currently not eligible for funding.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Application Validation

Page 1, top

Application Ranking

This document is provided only as an example. County QABs can use as little or as much of the information here as they desire to establish local priorities in project ranking.

Example Dirt, Gravel, and Low-Volume Road Grant

Application Ranking 8/13/14

Select type of application
Unpaved (Dirt and Gravel)
Paved (Low Volume Road)

Note the validation criteria in Section 1 serve to insure a project is eligible. Feel free to insert additional county specific criteria.

SECTION 1: APPLICATION VALIDATION

Does this road site negatively impact a stream, lake, wetland, or other water body? circle choice YES NO

Application Validation

Has the applicant identified and agreed to obtain all necessary permits? YES NO

LVR ONLY: If the traffic count is known at this point, is it 500 vehicles per day or less? YES NO unavailable

(note traffic count is required before contract is signed)

If any of the questions above are answered "NO", the application is currently not eligible for funding.

SECTION 2: APPLICATION RANKING

Feel free to delete criteria, add criteria, or change weighting of criteria to better fit local County needs.

SEVERITY OF PROBLEM

1. "Modified" Worksites Assessment:

- a. Road Drainage to Stream: none-0 Slight-5 Moderate-10 Severe-15 _____ (15)
- b. Wet Site Conditions: Dry-0 Saturated Ditches-3 Roadside Springs-5 _____ (10)
Flow in Ditches-7 Saturated Base-10
- c. Road Surface Condition _____ (15)
 - i. LVR EVALUATION: Pavement Condition: good-0 fair, some cracking-5
Poor, cracking, unevenness-7 Damaged-10 Severely Damaged-15
 - ii. D&G EVALUATION: Hard Gravel-0 Mixed Stone-5 Soft Stone-7

Problem

- h. Outlets to Stream: None-0 Near Stream-3 Directly to Stream-5 _____ (5)
- i. Outlet/Bleeder Stability: Stable-0 Moderate-3 Unstable-5 _____ (5)
- j. Road Ditch Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- k. Road Bank Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- l. Average Canopy Cover: Moderate-0 Minimal-3 Heavy-5 _____ (5)
- m. Off-ROW Impacts resolved: None-0 Minimal-3 Some-7 Many-10 _____ (10)

Note the assessment above has been modified from the original version. Feel free to use the original version or change the scores to reflect county priorities. Regardless of the method used, sites should be re-evaluated when they are applied for. Outdated GIS assessment

Modified Assessment Subtotal: _____ (110)

Example Template

2. Classification of stream or waterbody impacted:

Warmwater Fishery-10 Coldwater Fishery-20 HQ/EV/drinking water-30 _____ (30)

EFFECTIVENESS OF SOLUTION

3. Degree to which project remediates impact to waterbody:

Slightly-0 Moderately-10 Highly-30 Almost completely-50 _____ (50)

Solution

5. Cost effectiveness: How much "environmental benefit per dollar" (benefit per cost)?

Low ben/\$-0 Moderate ben/\$-10 High ben/\$-30 Very high ben/\$-50 _____ (50)

OTHER FACTORS

Misc

- 6. _____ (5)
- 7. No-0 Discussed site details with CD-10 Met w/CD on site-15 _____ (5)

This sample ranking criteria is weighted toward applications that have moderate to severe environmental problems, and high to very high benefit solutions. Your QAB is encouraged to customize this to best fit your county's needs.

Point Summary:

Severity of Problem: _____ (140 possible points)
 Effectiveness of Solution: _____ (115 possible points)
 Other Factors: _____ (45 possible points)
TOTAL SCORE: _____ (300 possible points)

OTHER CONSIDERATIONS: Some other factors that your local QAB may want to consider:

- Types of road use (residential, school bus route, timber, agriculture, etc.)
- Are all necessary permits already in-hand or applied for?
- Addressing road hazards.
- Past working relationship with applicant within Program.
- A required minimum score in order to be eligible for funding.
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Other thoughts

Assessment

- Existing Worksites have been assessed with “dirty dozen” assessment that scores them from 0-100.
- Link to assessment info provided at end.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Poll Question

Does your current application ranking consider
“GIS assessment score”?

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Feel free to delete criteria, add criteria, or change weighting

Modified Assessment

SEVERITY OF PROBLEM

1. "Modified" Worksite Assessment:

- a. **Road Drainage to Stream:** none-0 Slight-5 Moderate-10 Severe-15 _____ (15)
- b. **Wet Site Conditions:** Dry-0 Saturated Ditches-3 Roadside Springs-5 _____ (10)
Flow in Ditches-7 Saturated Base-10
- c. **Road Surface Condition** _____ (15)
 - i. **LVR EVALUATION: Pavement Condition:** good-0 fair, some cracking-5
Poor, cracking, unevenness-7 Damaged-10 Severely Damaged-15
 - ii. **D&G EVALUATION:** Hard Gravel-0 Mixed Stone-5 Soft Stone-7
Mixed stone/dirt/dust-10 Severe Dust-15
- d. **Road Slope:** <5%-0 5-10%-5 >10%-10 _____ (10)
- e. **Road Shape (cross-slope/crown):** Good-0 Fair-3 Poor-5 _____ (5)
- f. **Slope to Stream:** <30%-0 30-60%-3 >60%-5 _____ (5)
- g. **Distance to Stream:** >100'-0 50'-100'-3 <50'/crossing-5 _____ (5)
- h. **Outlets to Stream:** None-0 Near Stream-3 Directly to Stream-5 _____ (5)
- i. **Outlet/Bleeder Stability:** Stable-0 Moderate-3 Unstable-5 _____ (5)
- j. **Road Ditch Stability:** Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- k. **Road Bank Stability:** Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- l. **Average Canopy Cover:** Moderate-0 Minimal-3 Heavy-5 _____ (5)
- m. **Off-ROW Impacts resolved:** None-0 Minimal-3 Some-7 Many-10 _____ (10)



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Problem Evaluation

Page 1, bottom

Modified Assessment Subtotal: _____ (110)

Why not just use criteria: “GIS Score = _____pts?”

You can, but:

- Better to have actual criteria on the form.
- Gives you the ability to customize.
- Score is outdated in most cases (2008?, 2000?).
- Modified assessment makes it necessary to do current evaluation.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Problem Evaluation

2. Classification of stream or waterbody impacted:

Warmwater Fishery-10 Coldwater Fishery-20 HQ/EV/drinking water-30 _____ (30)

Audio also available via phone: 866-823-7699
For assistance, call: 814-865-5355

Problem Evaluation
Page 2, top

Problem Evaluation Summary

1) Modified Assessment 110

2) Water Classification 30

140 possible points

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Problem Evaluation Summary

1) Modified Assessment ~~110~~ 300? 50?

2) Water Classification ~~30~~ 20? 45? 0?

~~140~~ ??? possible points

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Application Ranking

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Example Dirt, Gravel, and Low-Volume Road Grant

Application Ranking 8/13/14

Select type of application
Unpaved (Dirt and Gravel)
Paved (Low Volume Road)

SECTION 1: APPLICATION VALIDATION

Note the validation criteria in Section 1 serve to insure a project is eligible. Feel free to insert additional county specific criteria.

Does this road site negatively impact a stream, lake, wetland, or other waterbody? circle choice YES NO

Application Validation

Has the applicant identified and agreed to obtain all necessary permits? YES NO

LVR ONLY: If the traffic count is known at this point, is it 500 vehicles per day or less? YES NO NO unavailable

(note traffic count is required before contract is signed)

If any of the questions above are answered "NO", the application is currently not eligible for funding.

SECTION 2: APPLICATION RANKING

Feel free to delete criteria, add criteria, or change weighting of criteria to better fit local County needs.

SEVERITY OF PROBLEM

1. "Modified" Worksite Assessment:

- a. Road Drainage to Stream: none-0 Slight-5 Moderate-10 Severe-15 _____(15)
- b. Wet Site Conditions: Dry-0 Saturated Ditches-3 Roadside Springs-5 _____(10)
Flow in Ditches-7 Saturated Base-10
- c. Road Surface Condition _____(15)
 - i. LVR EVALUATION: Pavement Condition: good-0 fair, some cracking-5
Poor, cracking, unevenness-7 Damaged-10 Severely Damaged-15
 - ii. D&G EVALUATION: Hard Gravel-0 Mixed Stone-5 Soft Stone-7

Problem

- h. Outlets to Stream: None-0 Near Stream-3 Directly to Stream-5 _____(5)
- i. Outlet/Bleeder Stability: Stable-0 Moderate-3 Unstable-5 _____(5)
- j. Road Ditch Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____(10)
- k. Road Bank Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____(10)
- l. Average Canopy Cover: Moderate-0 Minimal-3 Heavy-5 _____(5)
- m. Off-ROW Impacts resolved: None-0 Minimal-3 Some-7 Many-10 _____(10)

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Modified Assessment Subtotal: _____(110)

Example Template

2. Classification of stream or waterbody impacted:

Warmwater Fishery-10 Coldwater Fishery-20 HQ/EV/drinking water-30 _____(30)

EFFECTIVENESS OF SOLUTION

3. Degree to which project remediates impact to waterbody:

Slightly-0 Moderately-10 Highly-30 Almost completely-50 _____(50)

Solution

5. Cost effectiveness: How much "environmental benefit per dollar" (benefit per cost)?

Low ben/\$-0 Moderate ben/\$-10 High ben/\$-30 Very high ben/\$-50 _____(50)

OTHER FACTORS

- 6. _____(5)
- 7. _____(5)
No-0 Discussed site details with CD-10 Met w/CD on site-15

This sample ranking criteria is weighted toward applications that have moderate to severe environmental problems, and high to very high benefit solutions. Your QAB is encouraged to customize this to best fit your county's needs.

Point Summary:

Severity of Problem: _____(140 possible points)
Effectiveness of Solution: _____(115 possible points)
Other Factors: _____(45 possible points)
TOTAL SCORE: _____(300 possible points)

OTHER CONSIDERATIONS: Some other factors that your local QAB may want to consider:

- Types of road use (residential, school bus route, timber, agriculture, etc.)
- Are all necessary permits already in-hand or applied for?
- Addressing road hazards.
- Past working relationship with applicant within Program.
- A required minimum score in order to be eligible for funding.
- Location of project within MS4 or TMDL or Combined Sewer Overflow regions.

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Other thoughts

Evaluation of Solution

- Many existing criteria evaluate the problem.
- What about the other half of the equation?
- Criteria should also look at the degree to which the project will resolve the problem.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Evaluation of Solution

EFFECTIVENESS OF SOLUTION

3. Degree to which project remediates impact to waterbody:

Slightly-0 Moderately-10 Highly-30 Almost completely- 50 _____ (50)

4. Degree to which project improves road:

Slightly-0 Moderately-5 Highly-10 Extremely high- 15 _____ (15)

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

Low ben/\$-0 Moderate ben/\$-10 High ben/\$-30 Very high ben/\$-50 _____ (50)

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Evaluation of Solution

EFFECTIVENESS OF SOLUTION

3. Degree to which project remediates impact to waterbody:

Slightly-0 Moderately-10 Highly-30 Almost completely- 50 _____ (50)

- **Degree to which project remediates impact to waterbody**: How much of the identified environmental problem will be remediated as a result of the project? For example, an application for pavement or DSA that ignores drainage may only provide marginal environmental benefit, while a comprehensive drainage improvement project may all but eliminate road impacts on the stream.

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Evaluation of Solution

4. Degree to which project improves road:

Slightly-0 Moderately-5 Highly-10 Extremely high- 15 _____ (15)

- **Degree to which project improves road:** How much of the problems with the road itself will be remediated as a result of the project? For example, a base-stabilization project on a road that is cracking, rutting, or potholed would rank high. A project that focuses solely on environmental benefits (streambank stabilization, Off ROW issues, etc.) may not provide much road improvement.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Evaluation of Solution

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

Low ben/\$-0 Moderate ben/\$-10 High ben/\$-30 Very high ben/\$-50 _____ (50)

- **Cost effectiveness: How much “environmental benefit per dollar” (benefit per cost)?**: Examples of high “benefit per dollar” projects may include: projects that focus on low-cost drainage improvements (new pipes, underdrain, French mattress, etc.) over road surface improvements; projects that replace stream crossing structures to stabilize a stream channel and avoid gravel bar formation. Examples of low “benefit per dollar” project may include projects that focus on base stabilization and road surface over drainage improvements; or projects focusing on expensive engineered BMPs.

Evaluation of Solution

3) Environmental improvement 50

4) Road improvement 15

5) Cost effectiveness 50

115 possible points

Evaluation of Solution

3) Environmental improvement ~~50~~ 300? 20?

4) Road improvement ~~15~~ 10? 60?

5) Cost effectiveness ~~50~~ 100? 25?

~~115~~ ??? possible points

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Application Ranking

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Example Dirt, Gravel, and Low-Volume Road Grant

Application Ranking 8/13/14

Select type of application
Unpaved (Dirt and Gravel)
Paved (Low Volume Road)

SECTION 1: APPLICATION VALIDATION

Note the validation criteria in Section 1 serve to insure a project is eligible. Feel free to insert additional county specific criteria.

Does this road site negatively impact a stream, lake, wetland, or other water body? circle choice YES NO

Application Validation

Has the applicant identified and agreed to obtain all necessary permits? YES NO

LVR ONLY: If the traffic count is known at this point, is it 500 vehicles per day or less? YES NO NO unavailable

(note traffic count is required before contract is signed)

If any of the questions above are answered "NO", the application is currently not eligible for funding.

SECTION 2: APPLICATION RANKING

Feel free to delete criteria, add criteria, or change weighting of criteria to better fit local County needs.

SEVERITY OF PROBLEM

1. "Modified" Worksites Assessment:

- a. Road Drainage to Stream: none-0 Slight-5 Moderate-10 Severe-15 _____ (15)
- b. Wet Site Conditions: Dry-0 Saturated Ditches-3 Roadside Springs-5 _____ (10)
Flow in Ditches-7 Saturated Base-10
- c. Road Surface Condition _____ (15)
 - i. LVR EVALUATION: Pavement Condition: good-0 fair, some cracking-5
Poor, cracking, unevenness-7 Damaged-10 Severely Damaged-15
 - ii. D&G EVALUATION: Hard Gravel-0 Mixed Stone-5 Soft Stone-7

Problem

- h. Outlets to Stream: None-0 Near Stream-3 Directly to Stream-5 _____ (5)
- i. Outlet/Bleeder Stability: Stable-0 Moderate-3 Unstable-5 _____ (5)
- j. Road Ditch Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- k. Road Bank Stability: Stable-0 Fair-3 Poor-7 Unstable-10 _____ (10)
- l. Average Canopy Cover: Moderate-0 Minimal-3 Heavy-5 _____ (5)
- m. Off-ROW Impacts resolved: None-0 Minimal-3 Some-7 Many-10 _____ (10)

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Modified Assessment Subtotal: _____ (110)

Example Template

2. Classification of stream or waterbody impacted:

Warmwater Fishery-10 Coldwater Fishery-20 HQ/EV/drinking water-30 _____ (30)

EFFECTIVENESS OF SOLUTION

3. Degree to which project remediates impact to waterbody:

Slightly-0 Moderately-10 Highly-30 Almost completely-50 _____ (50)

Solution 110

5. Cost effectiveness: How much "environmental benefit per dollar" (benefit per cost)?

Low ben/\$-0 Moderate ben/\$-10 High ben/\$-30 Very high ben/\$-50 _____ (50)

OTHER FACTORS

- 6. _____ (5)
 - 7. _____ (5)
- No-0 Discussed site details with CD-10 Met w/CD on site-15

This sample ranking criteria is weighted toward applications that have moderate to severe environmental problems, and high to very high benefit solutions. Your QAB is encouraged to customize this to best fit your county's needs.

Point Summary:

Severity of Problem: _____ (140 possible points)
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TOTAL SCORE: _____ (300 possible points)

OTHER CONSIDERATIONS: Some other factors that your local QAB may want to consider:

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Other thoughts

Miscellaneous

OTHER FACTORS

6. In-Kind Contributions from Applicant: _____ (15)
1to 10%-5 10-25%-10 Over 25%-15
7. Did applicant contact CD about this specific project before submitting application: _____ (15)
No-0 Discussed site details with CD-10 Met w/CD on site-15
8. Is applicant maintaining recently funded Program projects properly: _____ (15)
No-0 Recent projects still functional-10 Yes (or first project)-15

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Miscellaneous

OTHER FACTORS

6. **In-Kind Contributions from Applicant:**

_____ (15)

1to 10%-5

10-25%-10

Over 25%-15

- **In-Kind Contributions from Applicant:** Total in kind contributions from applicant, divided by total grant requested. Note that there are no statewide in-kind requirements. **While in-kind should be encouraged, assigning too much value to in-kind in an application ranking process would work against poorer townships that may need grant funding the most.**

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Miscellaneous

7. Did applicant contact CD about this specific project before submitting application: _____ (15)
No-0 Discussed site details with CD-10 Met w/CD on site-15

- **Did applicant contact district before submitting application:** Pre-applications meetings and site visits are highly encouraged in order to implement a project that is beneficial to all parties.

Audio also available via phone: 866-823-7699

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Miscellaneous

8. Is applicant maintaining recently funded Program projects properly: _____ (15)
No-0 Recent projects still functional-10 Yes (or first project)-15

- **Is applicant maintaining past Program projects properly:** The extent to which applicants have maintained past funded projects within a reasonable project life expectancy. For example, are pipes and headwalls still functional; have they graded DSA to maintain road shape; etc. Districts can adopt their own policies and procedures for evaluation past projects.

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Miscellaneous

6) In-kind contributions 15

7) Pre application contact 15

8) Maintenance of past projects 15

45 possible points

Miscellaneous

6) In-kind contributions ~~15~~ 25? 0?

7) Pre application contact ~~15~~ 5? 40?

8) Maintenance of past projects ~~15~~ 50? 75?

45 ??? possible points

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Example Point Totals

1-2) Problem 140

3-6) Solution 115

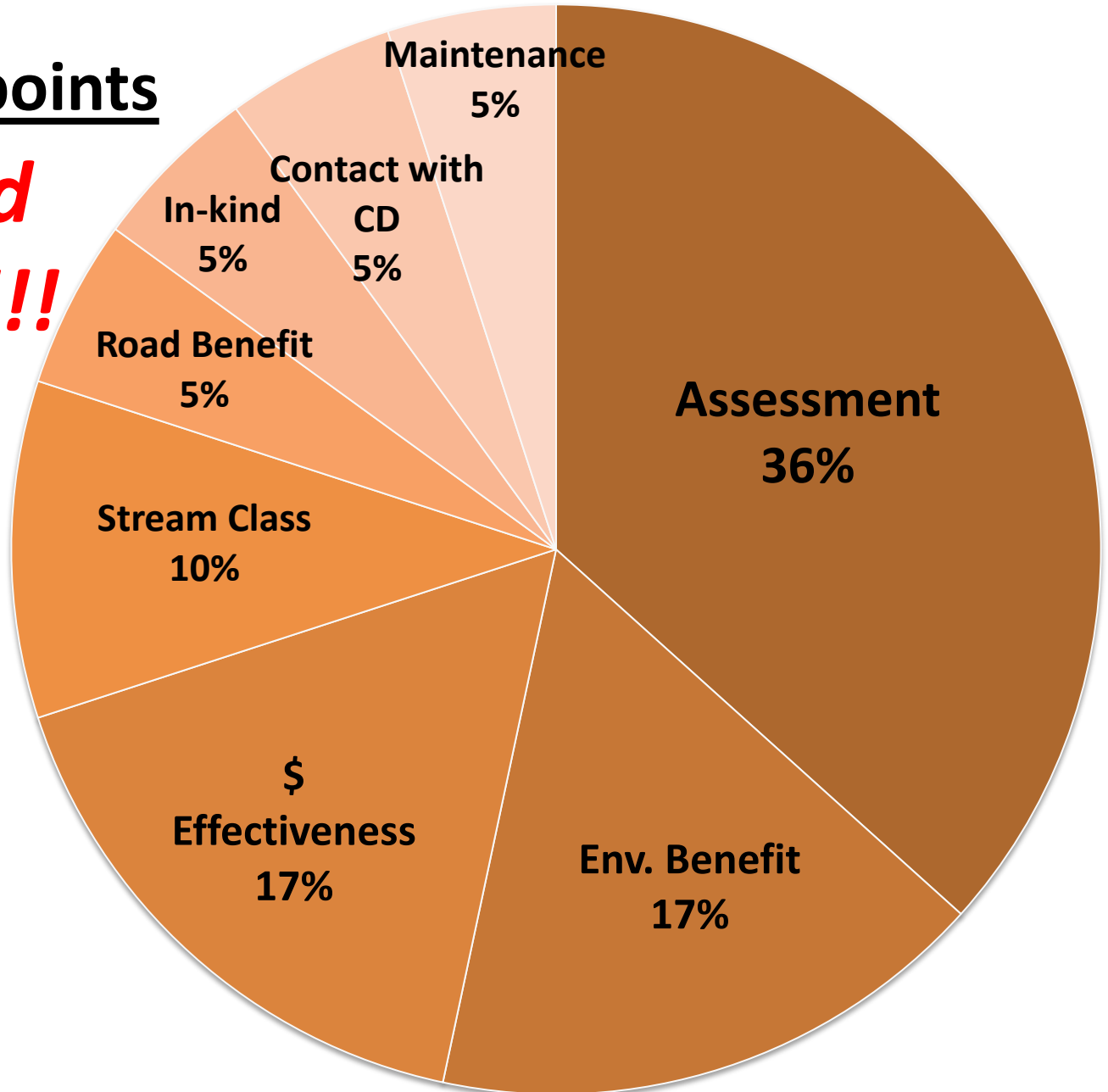
7-9) Misc 45

300 possible points

***Yours should
be different!!!***

Overall 300 points

***Yours should
be different!!!***



Application Ranking Criteria

- Background
- Example Template
- **Additional Considerations**
- Ideas from Other Districts
- Feedback & Discussion

The image shows three overlapping documents. The top document is a 'GRANT APPLICATION' form for 'SECTION 9106 OF THE PENNSYLVANIA VEHICLE CODE DIRT, GRAVEL AND LOW VOLUME ROAD MAINTENANCE'. It includes fields for County, Municipality, Position, and Mailing Address. The middle document is a 'PROJECT WORK PLAN' form for the same code section, featuring a grid for labor and materials. The bottom document is a technical drawing of a road cross-section, showing a 'Pole Boy Road' with 'Removal/Replace Pipe' annotations for various pipe sizes (e.g., 10x18, 20x18, 20x22, 20x30). The drawing includes notes about pipe materials (18" Black Plastic Smooth Bore), end-caps, and ditch specifications.

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SEVERITY OF PROBLEM

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- l. Average Canopy Cover: Moderate-0 Minimal-3 Heavy-5 _____(5)
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Modified Assessment Subtotal: _____(110)

Other Considerations

2. Classification of stream or waterbody impacted:

Warmwater Fishery-10 Coldwater Fishery-20 HQ/EV/drinking water-30 _____(30)

EFFECTIVENESS OF SOLUTION

3. Degree to which project remediates impact to waterbody:

Slightly-0 Moderately-10 Highly-30 Almost completely-50 _____(50)

Solution 110

5. Cost effectiveness: How much "environmental benefit per dollar" (benefit per cost)?

Low ben/\$-0 Moderate ben/\$-10 High ben/\$-30 Very high ben/\$-50 _____(50)

OTHER FACTORS

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TOTAL SCORE: _____(300 possible points)

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Other thoughts

- Are all necessary permits already in-hand or applied for?
- Addressing road hazards.
- A required minimum score in order to be eligible for funding.
- Location of project within MS4 or TMDL or Combined Sewer Overflow regions.
- Presence or absence of “curb and gutter” systems.
- Flooding or winter icing issues on the road.
- Future road use plans (developments, drilling, etc).
- Collaboration with other agencies or projects.

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Two potential complications:

- 1) Stream crossing replacements**
- 2) Urban LVRs**

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Stream crossing replacements

- How to compare standalone crossing replacement with “traditional” project.



Stream crossing replacements

- Replace “Road Assmt” with “Stream Xing assmt”?

Stream Crossing: Severity of Problem

1. Vertical drop at outlet of stream crossing:	None- <u>0</u>	<6”- <u>5</u>	>6”- <u>20</u>	_____ (20)
2. Stream Bank Erosion (downstream)	None- <u>0</u>	Present- <u>5</u>	Severe- <u>15</u>	_____ (15)
3. Stream Bank Erosion (upstream)	None- <u>0</u>	Present- <u>5</u>	Severe- <u>15</u>	_____ (15)
4. Stream Bed Erosion (downstream)	None- <u>0</u>	Present- <u>5</u>	Severe- <u>10</u>	_____ (10)
5. Stream Bed Erosion (upstream)	None- <u>0</u>	Present- <u>5</u>	Severe- <u>10</u>	_____ (10)
6. Stream Bed Deposition (downstream)	None- <u>0</u>	Present- <u>5</u>	Severe- <u>10</u>	_____ (10)
7. Stream Bed Deposition (upstream)	None- <u>0</u>	Present- <u>5</u>	Severe- <u>10</u>	_____ (10)
8. Classification of stream or water body impacted:	WW Fishery- <u>0</u>	CW Fishery- <u>10</u>	HQ/EV/drinking water/TNP- <u>20</u>	_____ (20)
Subtotal:				_____ (110)

Draft from a CD

Urban LVRs

- How to compare more costly urban projects with “traditional” rural projects project.



A sampling of topics found on application rankings from Conservation Districts

Unless noted, we are not agreeing or disagreeing with these, just providing them as examples of potential local factors.

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For assistance, call: 814-865-5355

Additional Stream Classifications

- HQ
- EV
- Trout Stocked
- Wild Trout
- CWF
- WWF

***OK:
Local Priorities***

Audio also available via phone: 866-823-7699

For assistance, call: 814-865-5355

Use of road

- Higher priority to higher use roads.
- Avoiding heavy hauling activities.

OK:
Local Priorities

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Who is applicant

- Municipal 20pts
- PennDOT 10pts
- Other 0pts

NO!

***Must provide equal
access!***

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Extra points for first time applicants

- **First application** **10pts**
- **Second application** **5pts**
- **Third or greater** **0pts**

OK:
Local Priorities

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For assistance, call: 814-865-5355

Points for MS4 or CSO areas?

- May be important question for LVR projects in some more urban counties.
- Try to tie it to environmental benefit, how you do that is up to you!

OK:
Local Priorities

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- You can make it as simple or complex as you like, but the important thing is to have a ranking criteria!

- You can make it as simple or complex as you like, but the important thing is to have a ranking criteria!
- **Make sure it is still applicable and will work for LVRs.**

- You can make it as simple or complex as you like, but the important thing is to have a ranking criteria!
- Make sure it is still applicable and will work for LVRs.
- **Take your “draft” ranking criteria out to rank some projects to see how it performs before implementing.**

- You can make it as simple or complex as you like, but the important thing is to have a ranking criteria!
- Make sure it is still applicable and will work for LVRs.
- Take your “draft” ranking criterial out to rank some projects to see how it performs before implementing.
- **Ask neighboring CDs for input.**

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- **Ask Center/SCC for input.**

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- Take your “draft” ranking criteria out to rank some projects to see how it performs before implementing.
- Ask neighboring CDs for input.
- Ask Center/SCC for input.
- **Share you ranking criteria with potential applicants.**

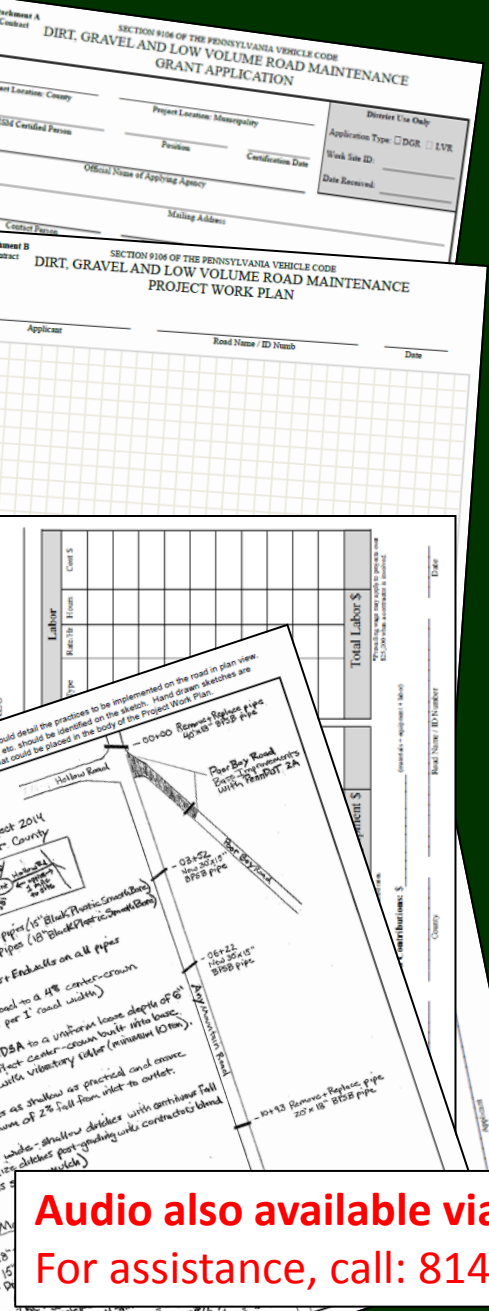
- You can make it as simple or complex as you like, but the important thing is to have a ranking criteria!
- Make sure it is still applicable and will work for LVRs.
- Take your “draft” ranking criteria out to rank some projects to see how it performs before implementing.
- Ask neighboring CDs for input.
- Ask Center/SCC for input.
- Share your ranking criteria with potential applicants.
- **Your Ranking Criteria is not permanent. If something is not working, now or a year from now, change it!**

NEXT WEBINAR: December 17th 10AM

New Program Forms

Many new forms approved in November with Admin Manual. Grant application, contract, performance report, etc...

Application Ranking Criteria



- Background
- Example Template
- Additional Considerations
- Ideas from Other Districts
- **Feedback & Discussion**

Audio also available via phone: 866-823-7699
For assistance, call: 814-865-5355

File Download

Link to ranking criteria example.

Assessment information.

Past Webinars and presentations.

Administrative Manual.