

# Identifying and Fixing Erosion Issues on Private and Park Roads in the Lake Carmi Watershed



Northwest Regional Planning Commission  
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Lake Carmi Implementation Team Meeting  
5/14/2020

# Projected Project Timeline

**Task 1: QAPP  
(required)**

May - June  
2020

**Task 2: Road  
Erosion Inventory**

July - October  
2020

**Task 3: Workshops and Outreach**

Summer 2020 –  
Summer 2021

**Task 4: Phase 1 Construction  
Coordination**

August 2020 - December 2021

**Task 5: Phase 2 Construction  
Coordination**

January - June 2022

*Task 6: LCBP required project reporting*

# Task 2: Road Erosion Inventory

Estimated July – October 2020

- Data processing prior to field collection
- Conduct REI for each “hydrologically-connect” road segment (private/park roads, driveways, non-farm access roads).
  - Approx. 350, 100-m segments
  - REI follows the Municipal Roads General Permit guidelines
- Prioritization - High priority areas defined by the REI tool as those that offer the greatest opportunity to reduce phosphorus loading.

Hydrologically-connected roads present substantially greater risks to water quality.

Connectivity determined by proximity to water source (lake, wetland, stream) and drainage network.



# Task 3: Workshops & Outreach

Summer 2020 – Summer 2021

- Mailing within watershed on project, advertise workshops, provide “opt-out” of REI on property.
- Host 2 workshops to review the types of water quality concerns and applicable solutions (BMP) relevant to roads & driveways
  - Partners: FNLC and Franklin County Conservation District
  - TBD: Online, recording for on-demand viewing and/or in-person
- Outreach by FNLC to landowners with high priority projects identified through road erosion inventory
- Additional outreach measures as needed



# Task 4: Phase 1 Construction Coordination

August 2020 - December 2021

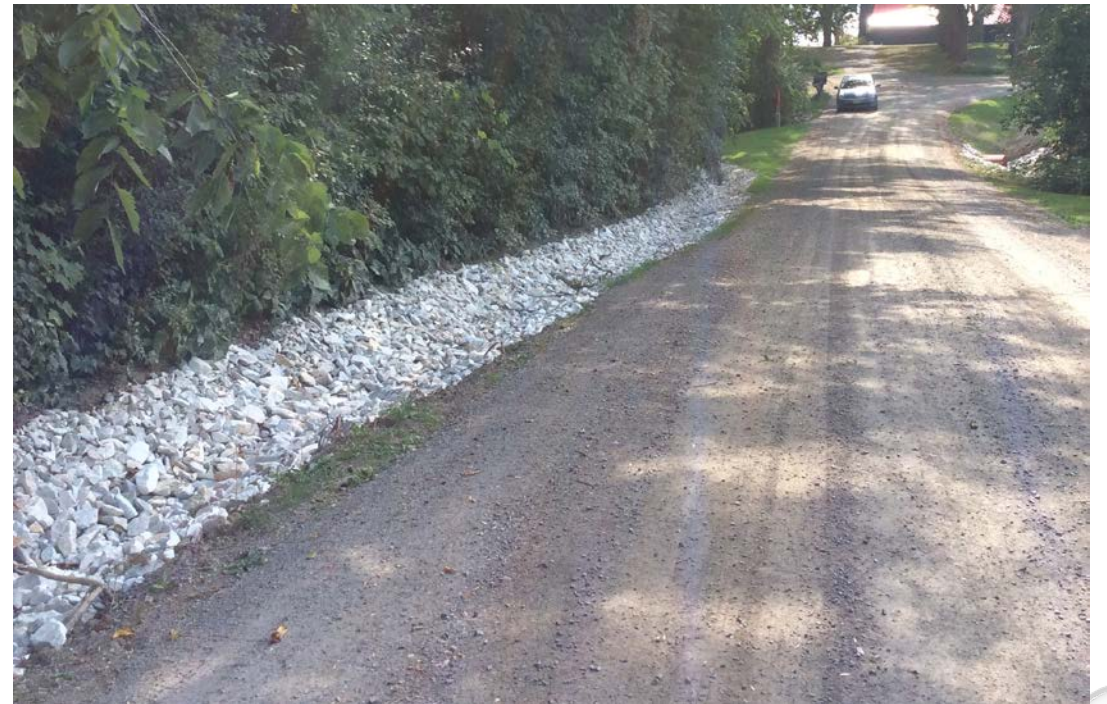
- Refine project prioritization and selection criteria to identify top priorities. Examples:
  - Landowner willingness,
  - Cost-effectiveness of proposed BMPs,
  - Opportunity to remediate several segments in one project,
  - Owner cost-share contribution (cash or in-kind), and
  - Likelihood of long-term maintenance commitment.
- Develop framework for mini grant program
- 1-on-1 landowner meetings (FNLC)
- Execute MOU's with property owners
- Construct 1<sup>st</sup> round of projects



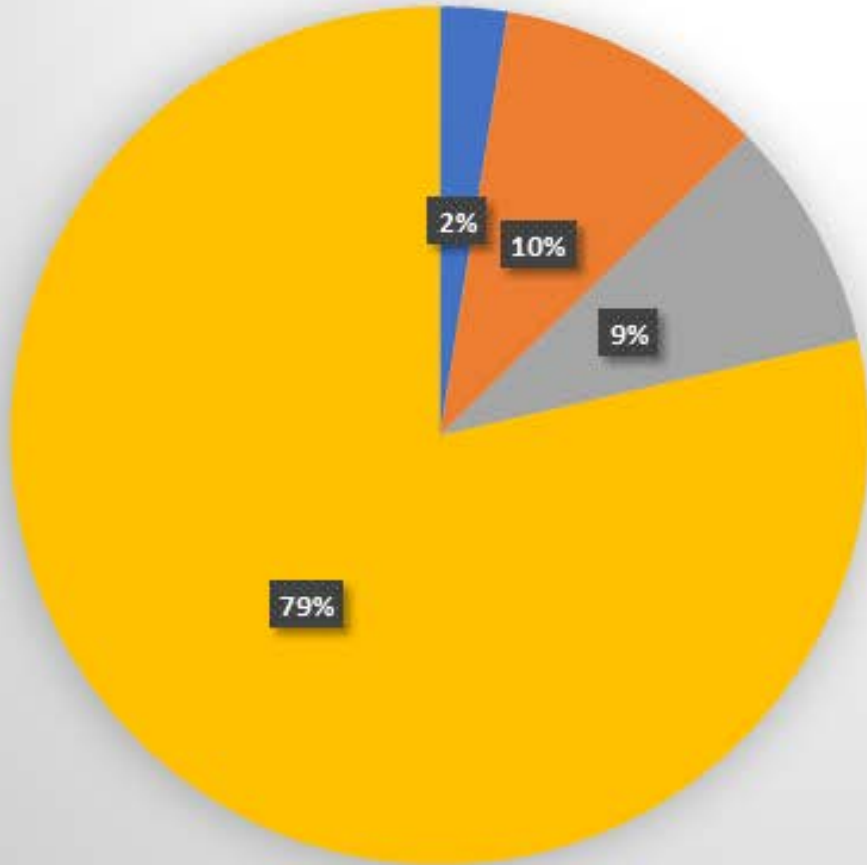
# Task 5: Phase 2 Construction Coordination

January 2022 - June 2022

- 1-on-1 landowner meetings,
- Execute MOU's with property owners
- Construct 2<sup>nd</sup> round of projects



## Budget Breakdown



- Overall Coordination/Reporting  
*-Task 1 & 6*
- Road Erosion Inventory  
*-Task 2*
- Education/Outreach  
*-Task 3*
- Design/Construction  
*-Task 4 & 5*

In total, anticipate constructing up to 5 projects on private and park roads.

# Implementation Team Input on Outreach

According to grant list ~56% of landowners live outside of the Town of Franklin.

- Suggestions on options for reaching landowners and camp owners in this watershed?
  - Direct mailing
  - FWC & LCCA newsletter articles
  - Town of Franklin Front Porch Forum postings
- What is the approximate timing of seasonal campers return to area?





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