

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 1st round of projects



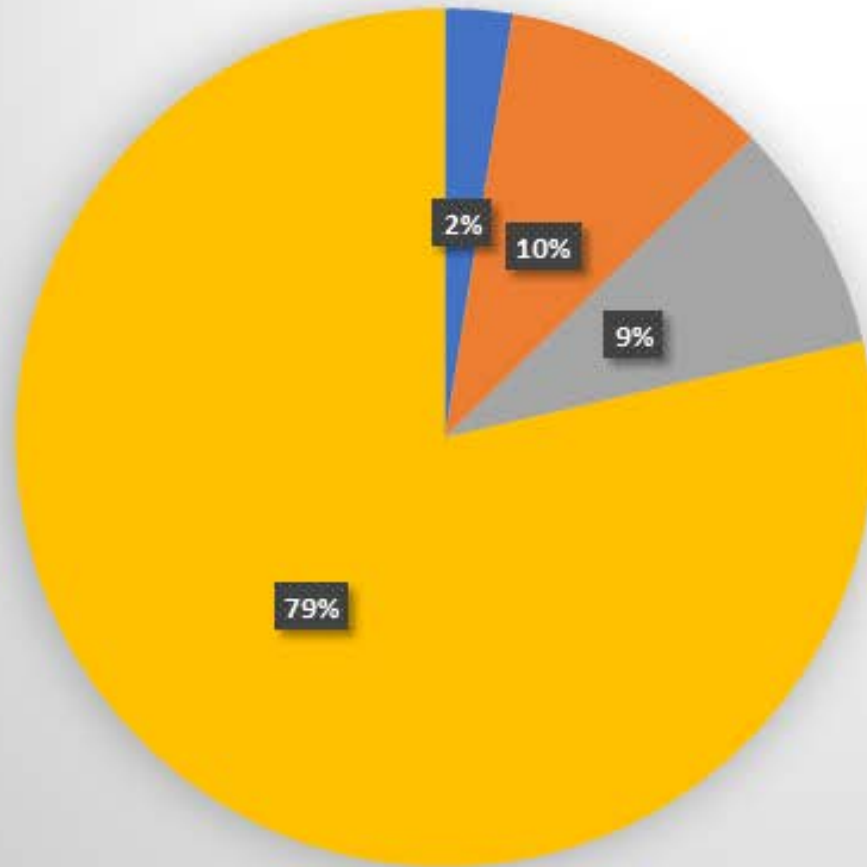
Task 5: Phase 2 Construction Coordination

January 2022 - June 2022

- 1-on-1 landowner meetings,
- Execute MOU's with property owners
- Construct 2nd 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 grand 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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