

**LSC Highway Dept. Grade Stabilization****Cooperator & Location**

Applicant(s): Le Sueur County Hwy/Brad Carlson  
Address: [REDACTED]  
City State Zip: [REDACTED]  
Twp/Range: T 109N – R 25W Section: 13  
City or Twp: Derrynane Twp  
Funding Source: Jefferson German CWF Watershed: 39107

**Project Information**Practice**Grade Stabilization Structure**Resource Protected**Swedes Bay, Cannon River**Description

Install a grade stabilization structure 133' long. The ravine will be excavated out and granite stone will be used to backfill the ravine to stabilize it.

Environmental Benefits

| <u>Parameter</u>           | <u>Before</u> | <u>After</u> | <u>Saved</u>  |
|----------------------------|---------------|--------------|---------------|
| Soil Erosion (tons/yr)     | 264.92        | 0            | <b>264.92</b> |
| Sediment Load (tons/yr)    | 92.72         | 0            | <b>92.72</b>  |
| Phosphorus Load (lbs/yr)   | 96.6          | 0            | <b>96.6</b>   |
| Runoff Reduction (acre ft) | N/A           | N/A          | N/A           |

DatesSWCD Review

5/6/2019

Project Start

12/31/2020

Project Finish

12/31/2020

**Construction Photo****Completed Photo****Cost Analysis**PROJECT COSTS

|               |                    |
|---------------|--------------------|
| <blank>       |                    |
| Construction: | \$33,224.00        |
|               |                    |
| <b>Total:</b> | <b>\$33,224.00</b> |

FUNDING SOURCES

|               |                    | <u>%</u>  |
|---------------|--------------------|-----------|
| Landowner:    | \$8,306.00         | 25        |
| Federal:      |                    |           |
| State:        |                    |           |
| <b>Grant:</b> | <b>\$28,429.00</b> | <b>75</b> |







Conservation Cooperator

## PROJECT FACT SHEET



Brad Carlson WASCOB's

### Cooperator & Location

Applicant(s): Brad Carlson  
Address: [REDACTED]  
City State Zip: [REDACTED]  
Twp/Range: T 109N – R 25W Section: 13  
City or Twp: Washington Twp  
Funding Source: Jefferson German CWF Watershed: 39107

### Project Information

#### Practice

**WASCOB**

#### Resource Protected

Swedes Bay, Cannon River

#### Description

Install 4 water and sediment control basins approximately 1000 linear feet of basin to treat 26.7 acres of highly erodeable soils in the Swedes Bay watershed.

#### Environmental Benefits

| <u>Parameter</u>           | <u>Before</u> | <u>After</u> | <u>Saved</u> |
|----------------------------|---------------|--------------|--------------|
| Soil Erosion (tons/yr)     | 158.23        | 0            | 158.23       |
| Sediment Load (tons/yr)    | 158.23        | 0            | 158.23       |
| Phosphorus Load (lbs/yr)   | 185.23        | 0            | 158.23       |
| Runoff Reduction (acre ft) | N/A           | N/A          | N/A          |

### Cost Analysis

| <u>PROJECT COSTS</u> |          |
|----------------------|----------|
| <blank>              |          |
| Construction:        | \$35,909 |
|                      |          |
| Total:               | \$35,909 |

| <u>FUNDING SOURCES</u> |             | <u>%</u> |
|------------------------|-------------|----------|
| Landowner:             | \$8,977.25  | 25       |
| Match:                 | \$26,931.75 | 75       |
| State:                 |             |          |
| Grant:                 | \$35,909.00 |          |

Before Photo



Completed Photo



*For more information about this project, contact the Le Sueur SWCD at (507) 357-4879x3*





***Above: Brad Carlson WASCOP Construction Below: Brad Carlson completed WASCOP***

