

# MAIER COST SHARE PROJECT

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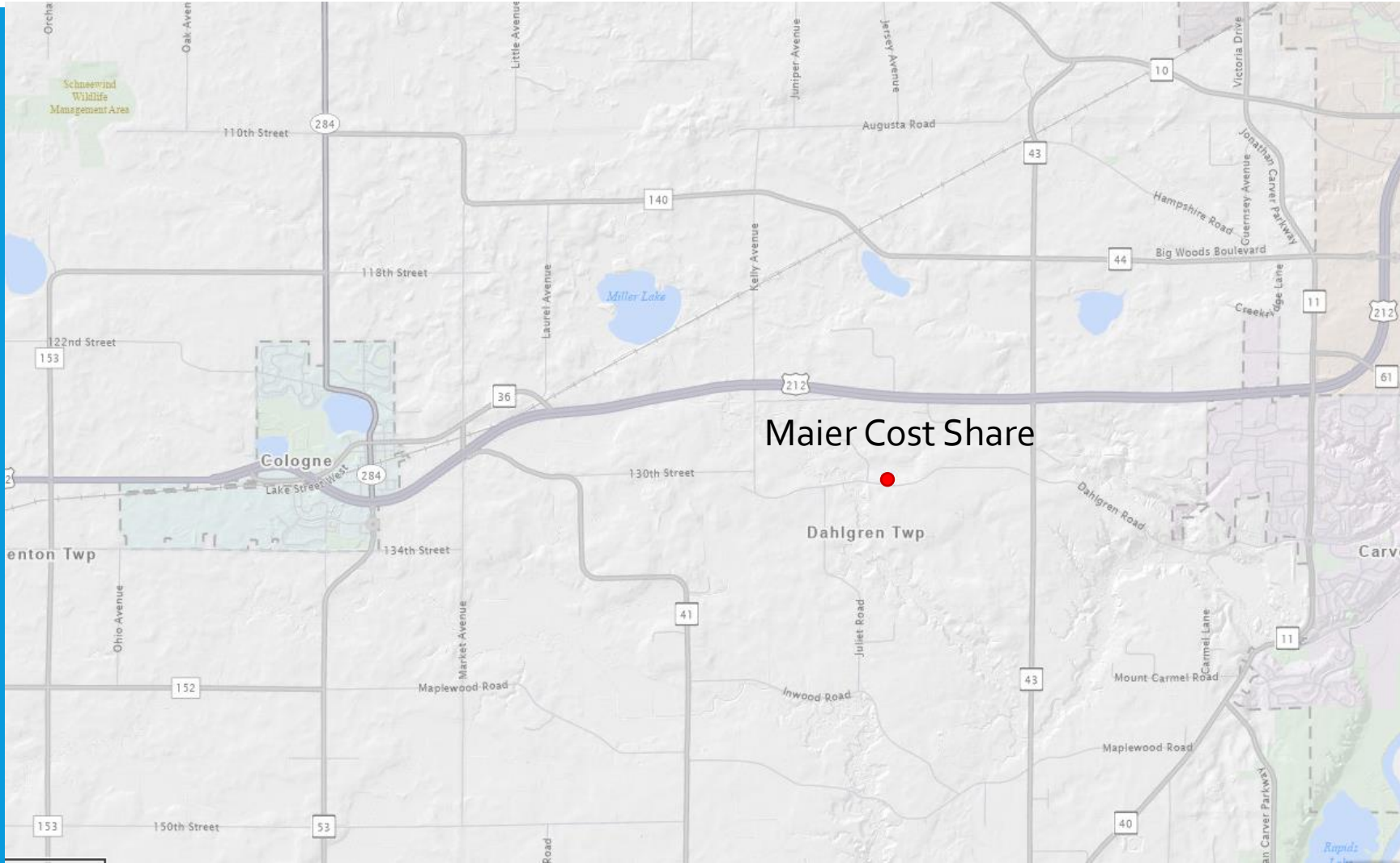
Carver County Water Management Organization

March 26, 2024

# COST SHARE PRESENTATION

- Reviewing Nate Maier's Cost Share Project
  - Location of Project
  - Project Overview
  - Cost
  - Scoring
  - Recommendation

# COST SHARE PROJECT SITE



# MAIER COST SHARE



# MAIER COST SHARE

Zone 3 – Central MN: Custom Graminoid mix (10.0 lbs)

Scientific Name	Common Name	Seeds/Lb	Mix %
<i>Andropogon gerardii</i>	Big Bluestem	160,000.00	20.00%
<i>Bouteloua curtipendula</i>	Sideoats Grama	96,000.00	10.00%
<i>Bouteloua gracilis</i>	Blue Grama	640,000.00	5.00%
<i>Carex molesta</i>	Field Oval/Troublesome Sedge	400,000.00	1.00%
<i>Elymus canadensis</i>	Canada Wild Rye	83,200.00	10.00%
<i>Koeleria macrantha</i>	June Grass	3,200,000.00	2.00%
<i>Panicum virgatum</i>	Switchgrass	2,240,000.00	15.00%
<i>Sorghastrum nutans</i>	Indiangrass	192,000.00	15.00%
<i>Juncus tenuis</i>	Path Rush	16,000,000.00	1.00%
<i>Spartina pectinata</i>	Prairie Cord Grass	105,600.00	5.00%
<i>Schizachyrium scoparium</i>	Little Bluestem	240,000.00	16.00%

Zone 3 – Central MN: Custom Forb mix (80.0 oz)

Scientific Name	Common Name	Seeds/Oz	Mix %
<i>Astragalus canadensis</i>	Canada Milkvetch	17,000.00	3.00%
<i>Achillea millefolium</i>	Common Yarrow	175,000.00	1.00%
<i>Agastache foeniculum</i>	Fragrant Giant Hyssop	90,000.00	2.00%
<i>Allium stellatum</i>	Prairie Onion	11,000.00	1.00%
<i>Artemisia ludoviciana</i>	Prairie Sage	275,000.00	3.00%
<i>Asclepias syriaca</i>	Common Milkweed	4,000.00	2.00%
<i>Asclepias tuberosa</i>	Butterfly Milkweed	4,300.00	5.00%

<i>Asclepias verticillata</i>	Whorled Milkweed	11,000.00	4.00%
<i>Baptisia alba</i>	White Wild Indigo	1,700.00	3.00%
<i>Chamaecrista fasciculata</i>	Partridge Pea	2,700.00	5.00%
<i>Coreopsis palmata</i>	Prairie Coreopsis	8,000.00	2.00%
<i>Dalea candida</i>	White Prairie Clover	19,000.00	5.00%
<i>Dalea purpurea</i>	Purple Prairie Clover	15,000.00	5.00%
<i>Desmodium canadense</i>	Showy Tick Trefoil	5,500.00	3.00%
<i>Drymocallis arguta</i>	Prairie Cinquefoil	230,000.00	1.00%
<i>Eryngium yuccifolium</i>	Rattlesnake Master	7,500.00	2.00%
<i>Helianthus maximiliani</i>	Maximilian Sunflower	13,000.00	3.00%
<i>Helianthus pauciflorus</i>	Stiff Sunflower	4,000.00	3.00%
<i>Lespedeza capitata</i>	Bush Clover	8,000.00	5.00%
<i>Liatris aspera</i>	Rough Blazing Star	16,000.00	2.00%
<i>Monarda fistulosa</i>	Wild Bergamot	70,000.00	1.00%
<i>Ratibida pinnata</i>	Yellow Coneflower	30,000.00	1.00%
<i>Rudbeckia hirta</i>	Black-eyed Susan	92,000.00	8.00%
<i>Solidago rigida</i>	Stiff Goldenrod	41,000.00	3.00%
<i>Symphotrichum ericoides</i>	Heath Aster	200,000.00	2.00%
<i>Symphotrichum novae-angliae</i>	New England Aster	66,000.00	5.00%
<i>Tradescantia occidentalis</i>	Western Spiderwort	9,000.00	2.00%
<i>Verbena stricta</i>	Hoary Vervain	28,000.00	5.00%
<i>Veronicastrum virginicum</i>	Culver's Root	800,000.00	4.00%
<i>Zizia aptera</i>	Heartleaf Alexanders	12,000.00	5.00%
<i>Penstemon grandiflorus</i>	Large-flowered Beardtongue	14,000.00	4.00%

# MAIER COST SHARE

- Costs

- Mr. Maier will be contracting with Prairie Restorations, Inc. to do the work, which equals \$27,140. The project will consist of two planting areas totaling 3.09 acres of restoring both manicured turf grass and ag field to a native prairie.
- Mr. Maier is asking for funding on the second area, totaling 1.86 acres. The costs for this section are \$9,555. He is applying for Pollinator Funds from Carver SWCD for the first area.
- Requesting \$5,000 of Cost Share Funds

# MAIER COST SHARE

- Scoring
  - Max score of 59
  - Project Scored a 25. This is above the minimum score of 20 to be brought forward to the Committee.

Carver County Cost Share Criteria			
Criteria	Max Points Allowed	Actual Points	Discussion
<b>Project Site Location</b>			
Waterbody Priority 1	5	5	Waterbody Priority based upon Water Plan Determination
Waterbody Priority 2	3		
Waterbody Priority 3	1		
Direct Drainage to Waterbody	10	0	BMP treats stormwater just prior to draining to the priority waterbody.
<b>Water Quality Impact Criteria</b>			
Phosphorus Loading	6	0	Best Management Practices types have been determined if they reduce phosphorus, fecal, and/or sediment. The score is the full amount.
Fecal ( <i>E. coli</i> ) Bacteria Loading	3	0	
Sedimentation Loading	6	0	
Volume Control	5 - 10	8	Get 5 points, with an additional 1 point per 20% reduction.
<b>Ecological Function Improvement Criteria</b>			
Plant Diversity and Richness	5	5	+1 over 10 species
			+2 over 15 species
			+3 over 20 species
			+4 over 25 species
			+5 over 30 species
Stewardship Level	4	4	+2 for establishment plan
			+2 for detailed maintenance plan for life of project
Site Prep	3	3	+1 One treatment with herbicide or turf removal
			+2 Two well timed treatments or turf removal with one treatment
			+3 One year of treatment with herbicide or organic technique
<b>Additional Criteria</b>			
Data collection site	3	0	Determined by CCWMO Staff if the site will be actively monitored within the first year of completion.
<b>Landowner Contribution</b>			
Demonstration Site - New to WMO/New to local LGU	3	0	Brand new BMP that either hasn't been done in Carver County or in a City/Town.
Educational Site - Public Access/Visibility	3	0	Can the public have access to the project/can they view the project from public land with educational signage.
<b>Community Support</b>			
2+ adjoining neighbors	3	0	Collaboration between neighbors on a project
Other Contributions (other than Landowner)	5	0	Financial or in-kind help from more than one party
Violation or Permit Requirement	0		Projects to repair violations or projects that are required by permit are not eligible
<b>TOTAL:</b>		<b>25</b>	



# MAIER COST SHARE

- Recommendation
  - Staff is recommending approval of this project and the \$5,000 request.

QUESTIONS?