MAGNEY-SNIVELY
DESIGNATED NATURAL AREA

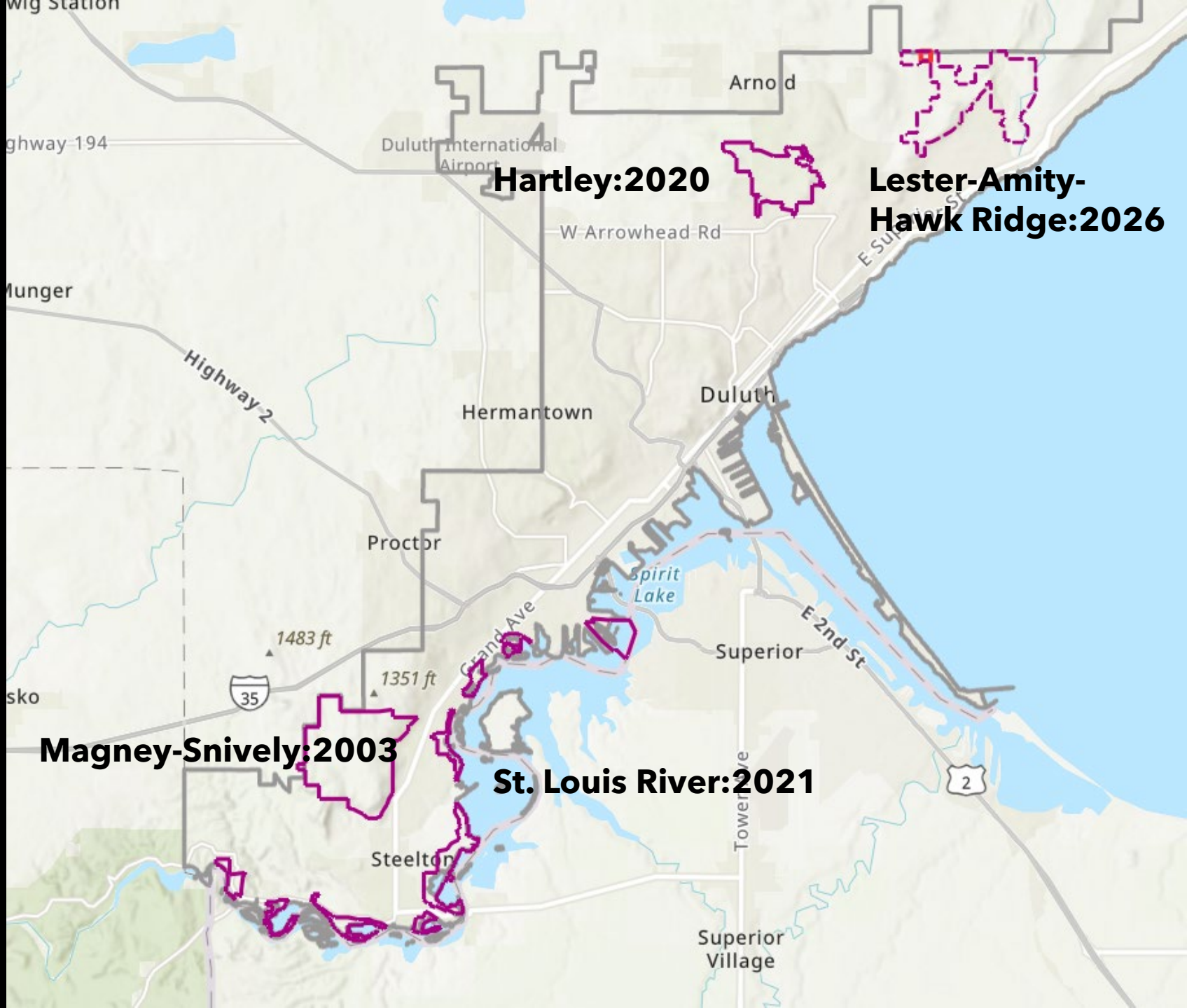
UPDATED MANAGEMENT PLAN

City of Duluth Natural Resources Management Program

TOPICS:

1. Designated Natural Areas Program
2. Advisory Committee
3. Trees, Birds, & Streams Data
4. Threats
5. Management Actions
6. Funding and Partners

"To Protect and Preserve the Natural Heritage of Duluth."



ADVISORY COMMITTEE NATURAL RESOURCES

Minnesota Land Trust:

Gini Breidenbach, Project Partner

UMD:

David Schimpf, Prof. Emeritus, Ecology

Paul Ojanen, Ecology

Shannon Meehan, MS Candidate-Forestry

MNDNR:

Ethan Perry (Biological Survey)

Dave Grandmaison (Lake Superior Unit)

Natural Resources Commission/Forestry:

Mike Raichel

Indigenous Perspective/Biology:

Valerie Ross Zhaawendaagozikwe

ADVISORY COMMITTEE RECREATION

Duluth Backcountry Horsemen:
Deserae Hendrickson

Superior Hiking Trail:
Lisa Luokkula

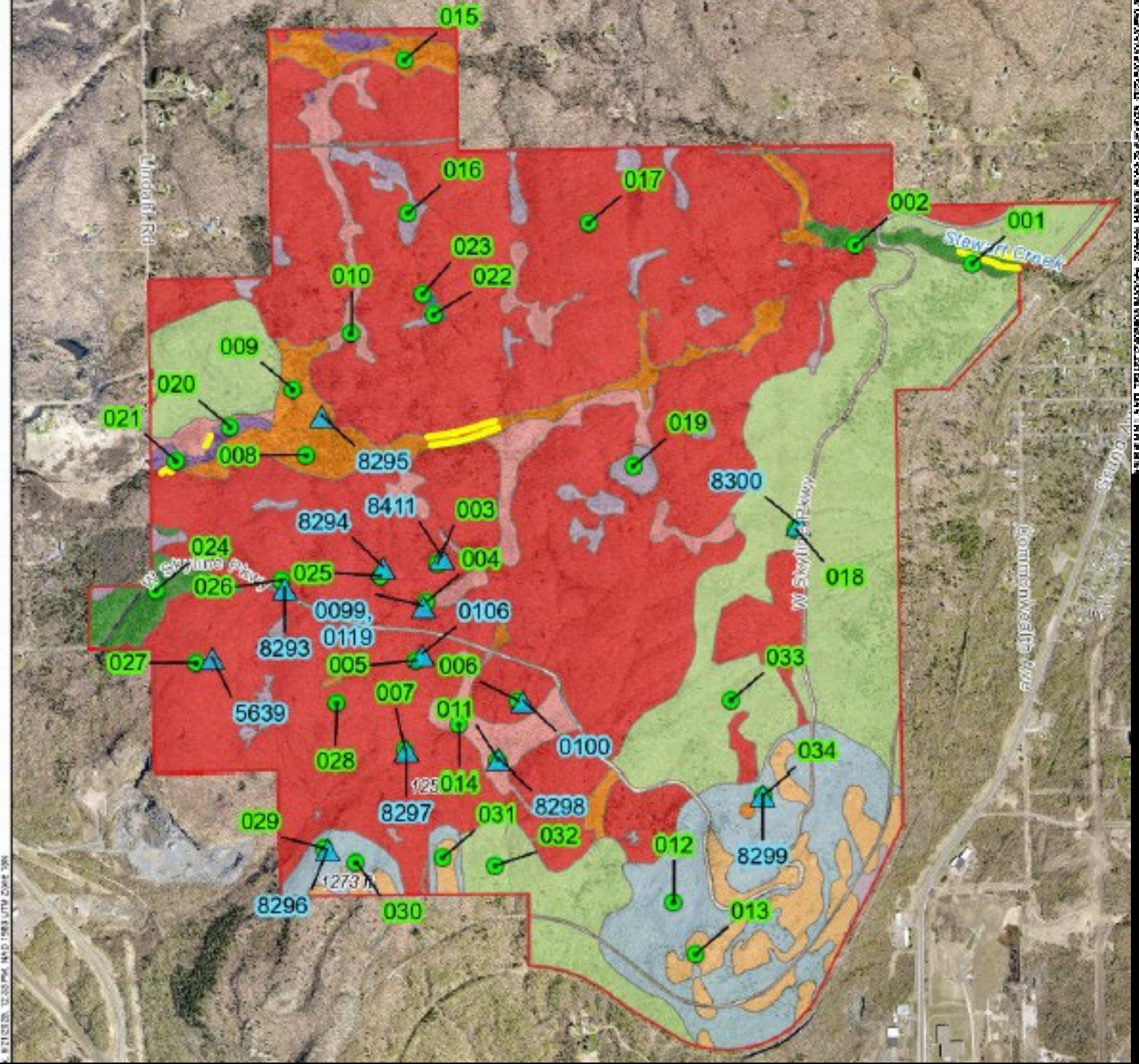
Hermantown Nightriders:
Judd Johnson

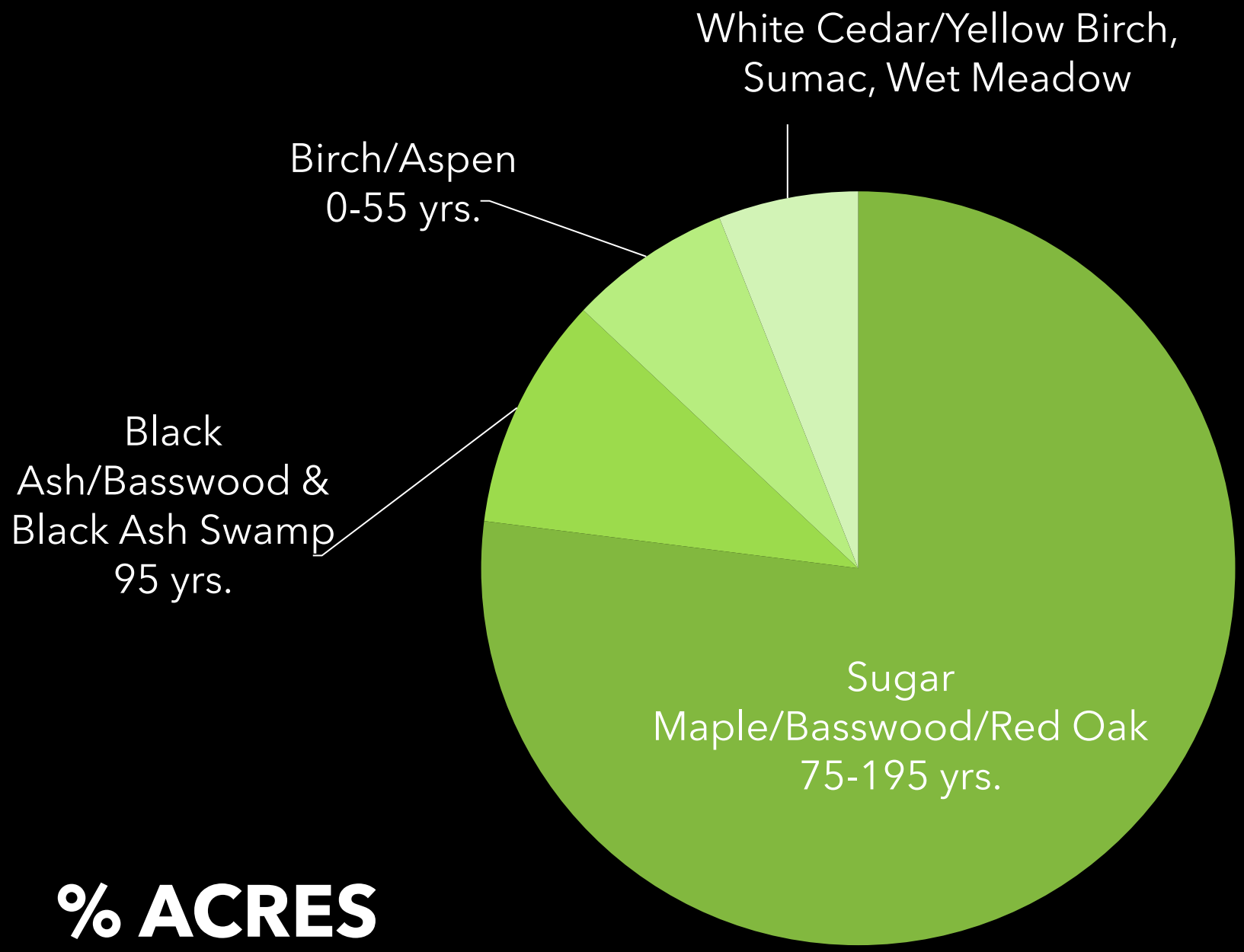
Duluth Climbers Assn:
Mikayla Haynes

Duluth X-Country Skiers:
Invited; did not participate

NATURAL AREA PROGRAM CRITERIA

1. Native Plant Communities
2. Bird Congregation Area
3. Special Species
4. Water Resources
5. Geologic Landforms


015
016
017
002
001
Stewart Creek
023
022
010
009
020
021
008
8295
019
8300
018
8411
003
8294
024
004
025
026
0099,
0119
0106
8293
027
005
006
033
5639
007
011
0100
028
014
034
8297
8298
029
031
032
012
8299
8296
030
013
W Skyline Pkwy
Lindell Rd
Commonwealth Ave
Area of Investigation (+/- 1,677 acres)
Original MN DNR Relevé Plots
2024 Relevé Plot
Magney Snively Natural Plant Communities (2024)
FDn33b - Aspen - Birch Woodland (+/- 115.2 acres)
FPn73 - Northern Rich Alder Swamp (+/- 1.1 acres)
MHn36b - Red Oak - Sugar Maple - Basswood - (Bluebead Lily) Forest (+/- 309.0 acres)
MHn45b - White Cedar - Yellow Birch Forest (+/- 25.6 acres)
MHn46b - Black Ash - Basswood Forest (+/- 64.3 acres)
MHn47a - Sugar Maple - Basswood - (Bluebead Lily) Forest (+/- 880.4 acres)
RDn23a - Bedrock Shrubland (Inland) (+/- 49.4 acres)
WFn55a - Black Ash - Aspen - Balsam Poplar Swamp (Northeastern) (+/- 63.0 acres)
WFn64a - Black Ash - Conifer Swamp (Northeastern) (+/- 35.8 acres)
WMn82b - Sedge Meadow (+/- 7.6 acres)
CTn42a - Mesic Mafic Cliff (Northern) (+/- 3,071 linear feet)


White Cedar/Yellow Birch, Sumac, Wet Meadow
Birch/Aspen 0-55 yrs.
Black Ash/Basswood & Black Ash Swamp 95 yrs.
Sugar Maple/Basswood/Red Oak 75-195 yrs.

% ACRES

NATURAL AREA PROGRAM CRITERIA

1. Native Plant Communities
2. Bird Habitat

Golden Winged Warbler

Photos MN Breeding Bird Atlas

NATURAL AREA PROGRAM CRITERIA

1. Native Plant Communities
2. Bird Habitat
3. Special Species

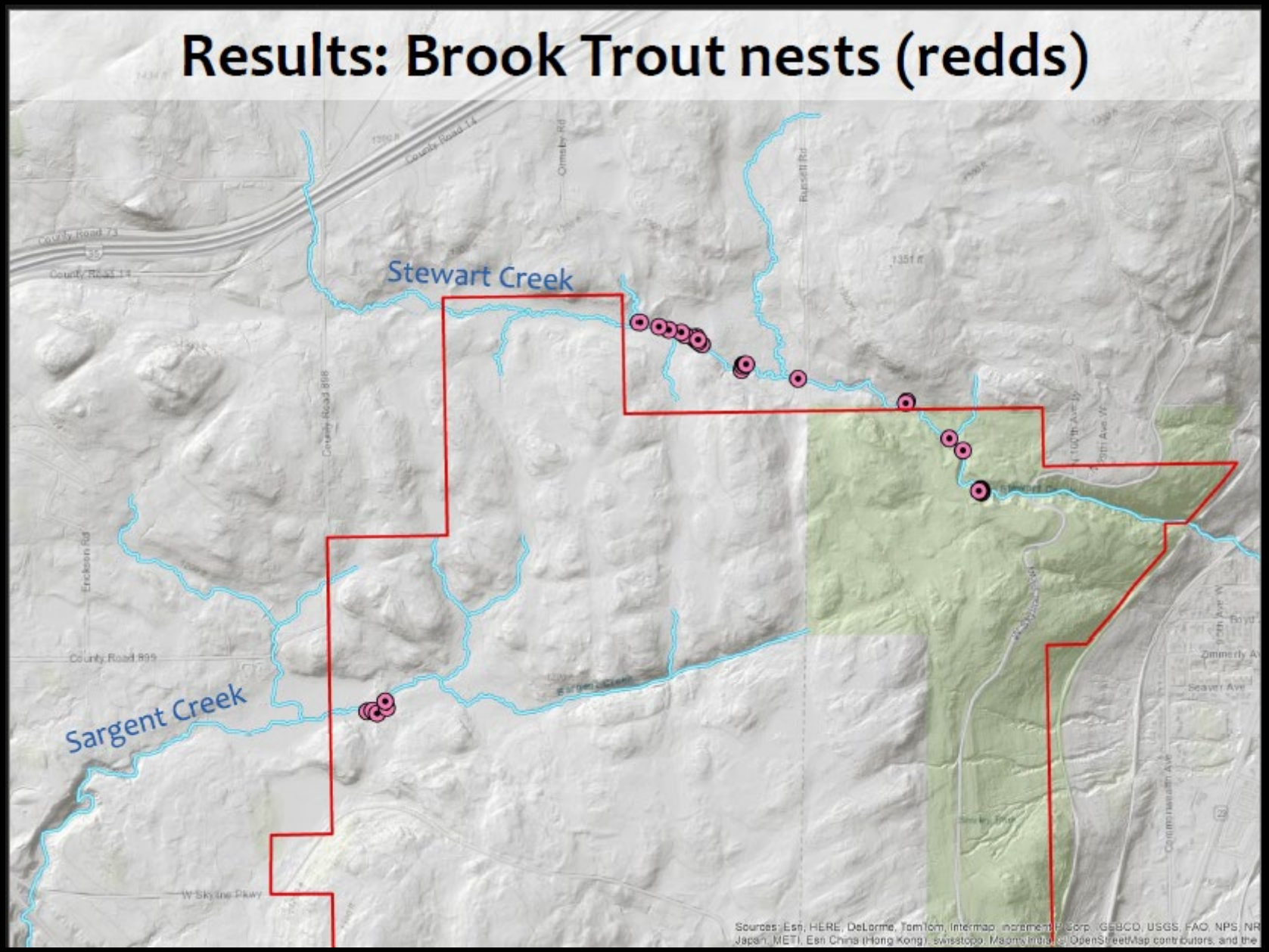
Soapberry

NATURAL AREA PROGRAM CRITERIA

1. Native Plant Communities
2. Bird Habitat
3. Special Species
4. Water Resources

VERNAL POOLS AND STREAMS

TEMPERATURE MONITORING

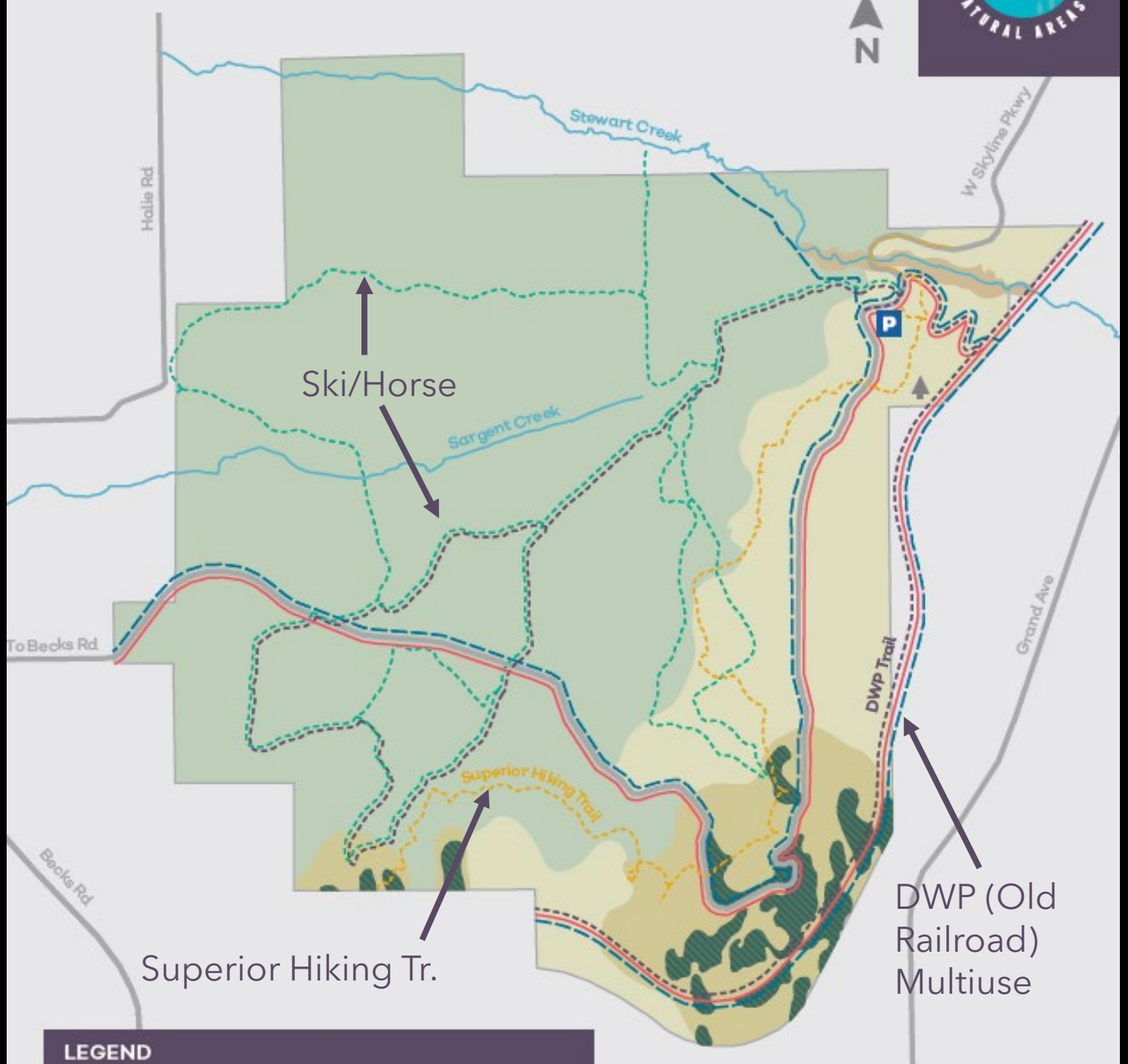


Mid-Continent Rift System

aturalist

THREATS

1. Lack of Funding
2. Invasive Species
3. Lack of Regeneration
4. Diseases and Insects
5. Human Impacts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Stewart Creek
Halie Rd
W Skyline Pkwy
Ski/Horse
Sargent Creek
P
To Becks Rd
DWP Trail
Grand Ave
Superior Hiking Trail
Becks Rd
Superior Hiking Tr.
DWP (Old Railroad) Multiuse
LEGEND

DULUTH PARKS
Magney-Snively Forest Preserve
10005 W Skyline Pkway

PRIORITIZED IMPLEMENTATION ACTIONS

NATURAL RESOURCES

01

Underplant Ash Stands

02

Plant Trees - Yellow Birch, White Pine, Red Oak

03

Replace Culvert on Sargent Tributary

RECREATION

01

Decommission Unauthorized Trails

02

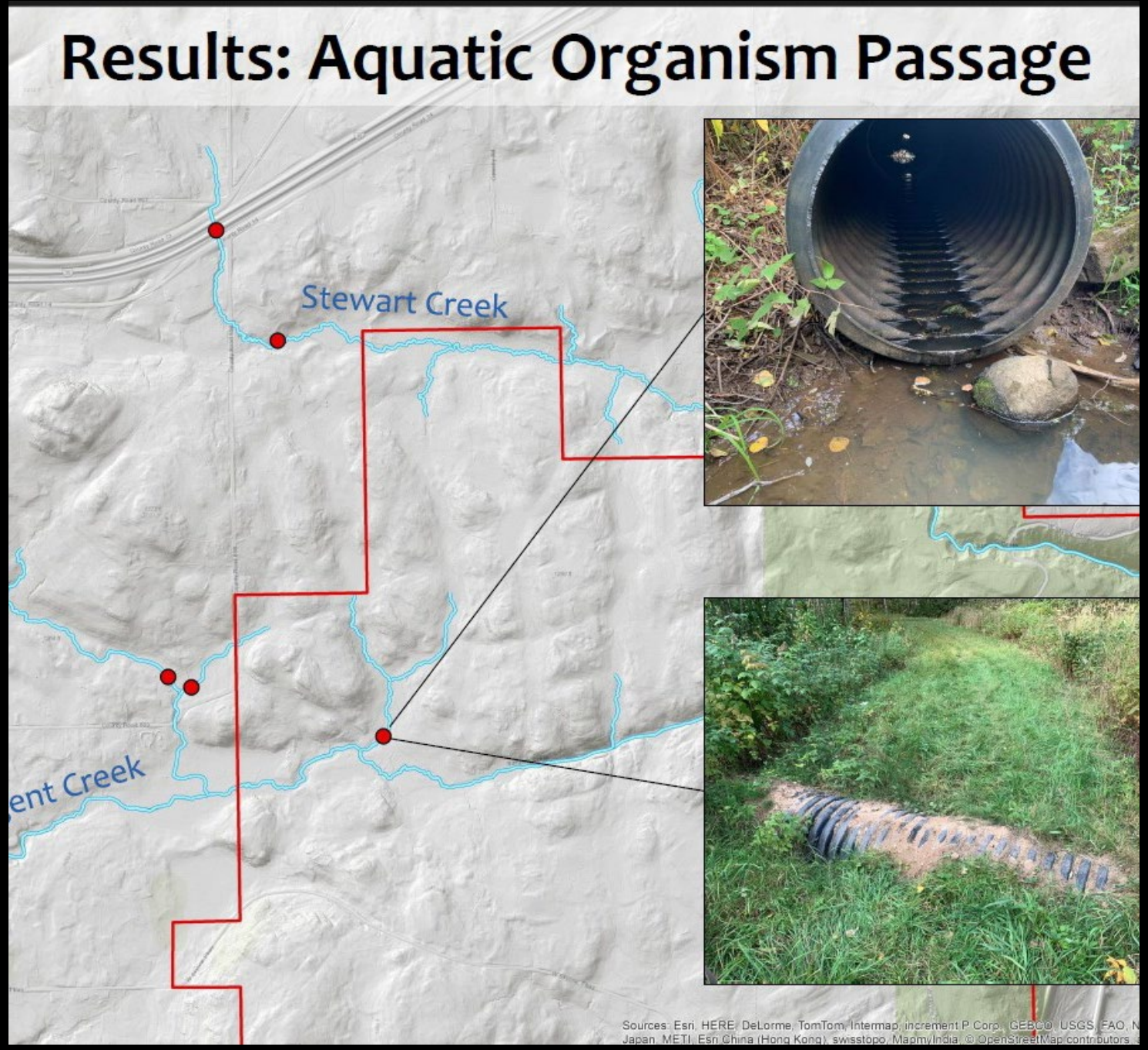
Support City Bowhunt

03

Conduct Trail Counts

CULVERT REPLACEMENT

- SPRING, 2026



FUNDING

- Great Lakes Restoration Initiative *(Federal)*
- Conservation Partners Legacy *(State)*

PARTNERS

DULUTH CLIMBERS COALITION

MINNESOTA LAND TRUST

SAINT LOUIS COUNTY MINNESOTA

Arrowhead Native Plant EXPLORERS

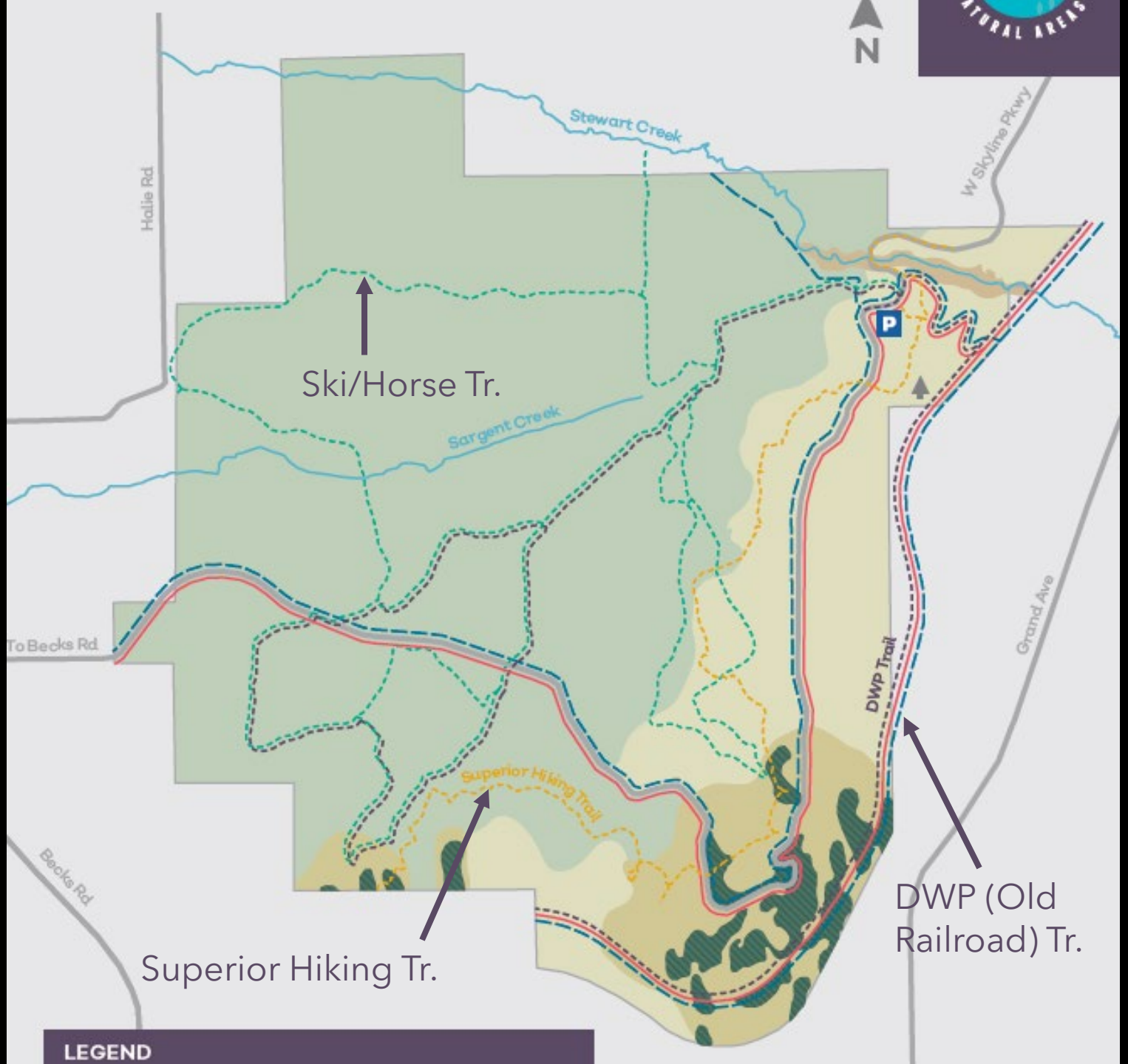
SUPERIOR HIKING TRAIL®

DEPARTMENT OF NATURAL RESOURCES

The Nature Conservancy

South St. Louis SOIL & WATER CONSERVATION DISTRICT

Magney-Snively Updated Management Plan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