Building a Community Whilst Restoring a Landscape: Shannon Preserve Land Restoration & Management Plan

By Duraid Abukhamseen

Overview

Restoring the ecological integrity of Shannon's Preserve is not just a project; it is a testament to our commitment to preserving the natural heritage and biodiversity that makes this land so precious. At the heart of this endeavor lies the desire to heal and rejuvenate a degraded landscape, allowing it to flourish once again as a thriving habitat for both humans and non-human inhabitants.

01

INTRODUCTION

Rationale, Site, Geographic Context, Community, Vision

02

Past, Present, & Future

Context, Guiding Principles, Reference Models, Existing Conditions

03

Methods

Invasive Species Management, Assisting Succession, Key Steps

04

Monitoring & Management

Measurable goals & monitoring, repeat photography, Community engagement

01

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Introduction

What is Shannon Preserve?
Why are we restoring it?

Introduction

- Shannon Preserve Description

  - Corn Field, Pine Plantation, Part of larger habitat

- Location

  - North of the bog, and an SEWRPC environmental corridor

  - Value and problem with Highway 33

- Vision

  - Northern mesic forest, mesic prairie, shrubland, apple orchard, community arts center
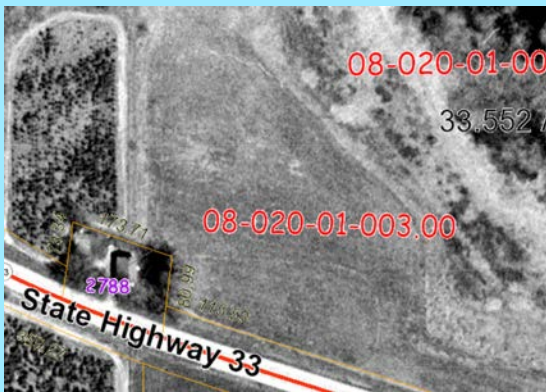
The Past To The Present

1836

1941

1970

Today

Physical Conditions Needing Repair

The Corn Field

Pine Plantation

Guiding Principles

Diversity & Inclusivity

Resilience

Reverence

ENVISIONED FUTURE CONDITIONS

Reference Models

Reference Models

Methods

• • • Invasive Species Management

Cut stump, the math, the time, why not mowing?

Achieving Desired Habitats • • •

Thin the canopy, plant cover crop, let nature drive

Key Steps

Year 1 — Fall
· · ·
Clear invasives

Winter
· · ·
Thin the pine canopy

Key Steps

Year 2

Fall
• • •
Introduce native trees

Spring
• • •
Prepare the ground for cover crop

Key Steps

Year 2

Fall
· · ·
Introduce native trees

Spring
· · ·
Prepare the ground for cover crop

Key Steps

Year 3

Fall
· · ·
Introduce native grasses

Spring
· · ·
Introduce charismatic species

Summer
· · ·
Monitoring, mowing, and planning

Year 6 & Beyond

- Year 6: Preparing an area for apple orchard
- Year 7: planting young apple trees

01
Measurable Goals & Monitoring

02
Survey Sites & Repeat Photography

03
Ideal Management Team

Management & Monitoring

Thats All Folks!