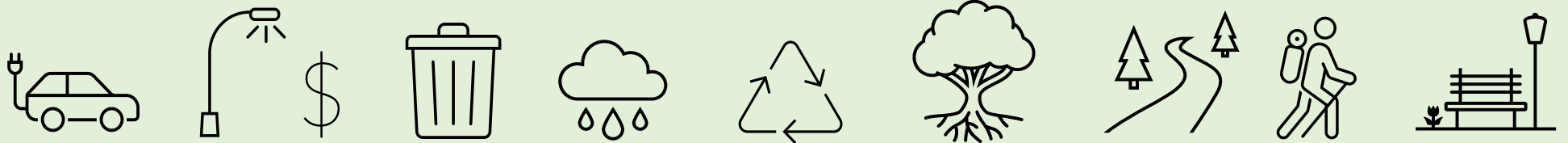


City of Northville Sustainability Update

February 6, 2023



Contents

- Refresh on Key Sustainability Plan Components
- 2021-22 Accomplishments
- FY 2023/24 Goals and Objectives
- Next Steps
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Vision For the City



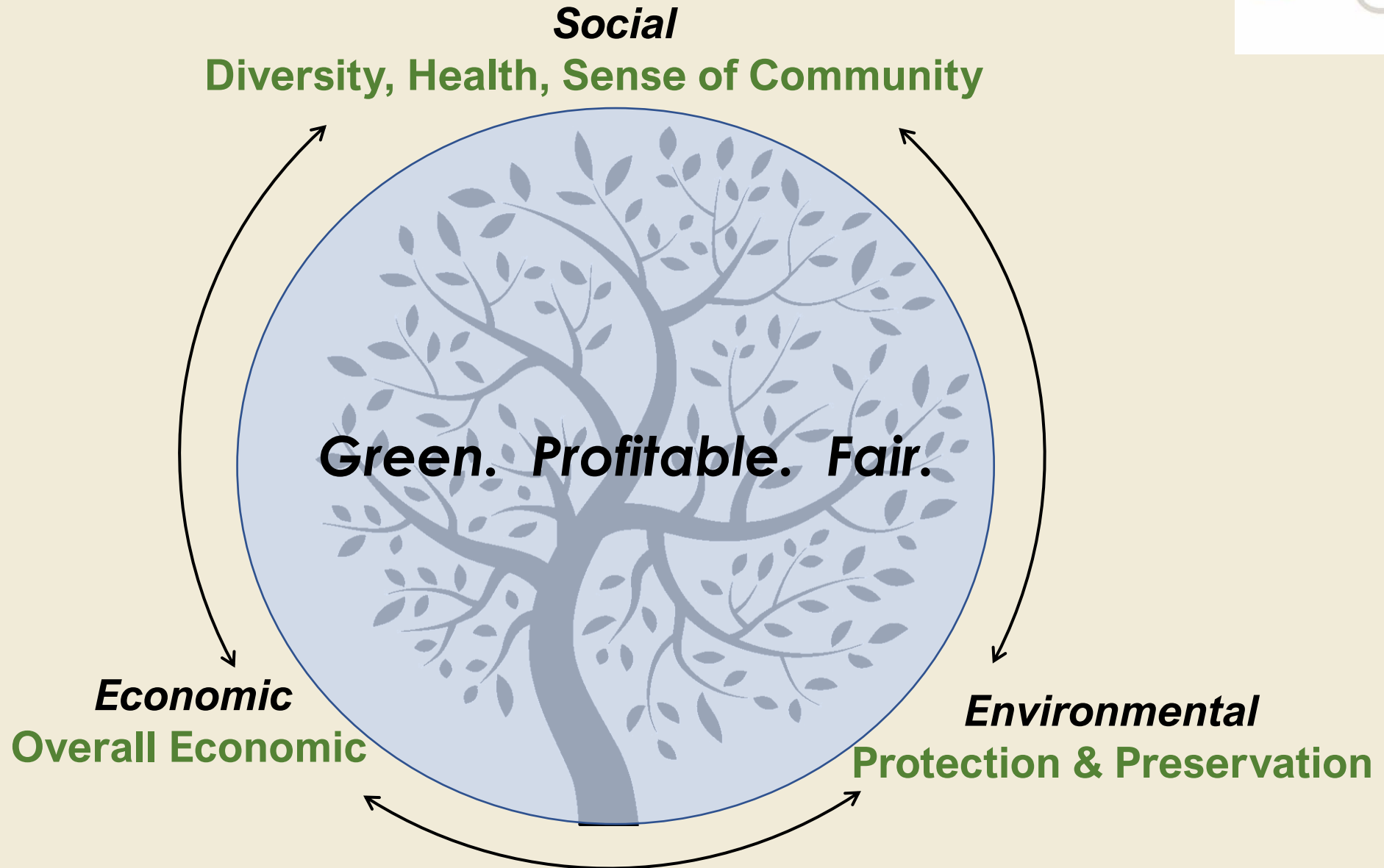
By 2030, Northville will be an exemplary, energy efficient city with attractive, sustainably developed neighborhoods and waterways, a strengthened economy, a more vibrant downtown, ample non-motorized mobility, continued strong social connections and an abundance of inventive educational and cultural opportunities.



Mission Statement

To implement a comprehensive sustainability platform designed to protect and enhance our resources, prevent harm to the natural environment and our health, while benefiting the social and economic well-being of our City.

The Three Pillars of Sustainability



City of Northville Sustainability Team

Dave Gutman (Chair)

Thom Barry (Planning Commission)

John Carter (City Council)

Mike Domine (DPW)

Susan Haifleigh

Jim Porterfield

Kathy Spillane

AnnaMaryLee Vollick (Planning Commission)

Lori Ward (DDA)

Sustainability Update

✓ 2021-22
Accomplishments
(green)

☐ FY 2023-24 Goals
and Objectives
(blue)

1. *Tree Conservation*
2. *Placemaking & Walkability*
3. *Traffic and Non-Motorized Paths*
4. *Promoting Sustainability*
5. *Reduce, Reuse, Recycle*
6. *Low Impact Development*
7. *Public Access to Greenspace*

Tree Conservation



- ✓ City tree inventory complete
- ✓ Approx. 160 new city trees planted/replaced
- ✓ Submission of select Northville trees to “Michigan Big Tree Hunt”
- ✓ Construction ordinance modifications – Protecting Tree Dripline Area
- ✓ Establish “Northville Tree Champions” initiative

- ❑ 30-50 new trees planted annually (grant funded)
- ❑ Informal community tree gathering (January)
- ❑ Educate public on the value of trees and how to care for them (April 26, 2023, Northville Library)
- ❑ Support Planning Commission review/modification of tree ordinances



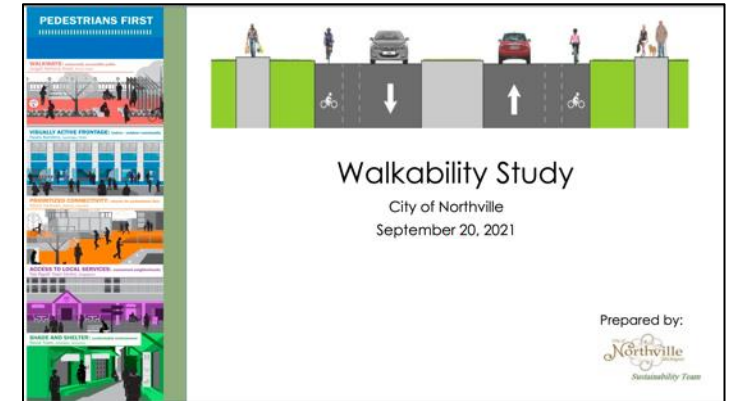
2021 & 2022
CITY of NORTHVILLE



TREE CITY USA®

Placemaking and Walkability

- ✓ Walkability studies completed by Sustainability Team & Dan Burden
- ✓ Walkability & placemaking resource materials distributed to City Council & Planning Commission to enhance understanding of concepts
- ✓ Central Park Sub-team Analysis



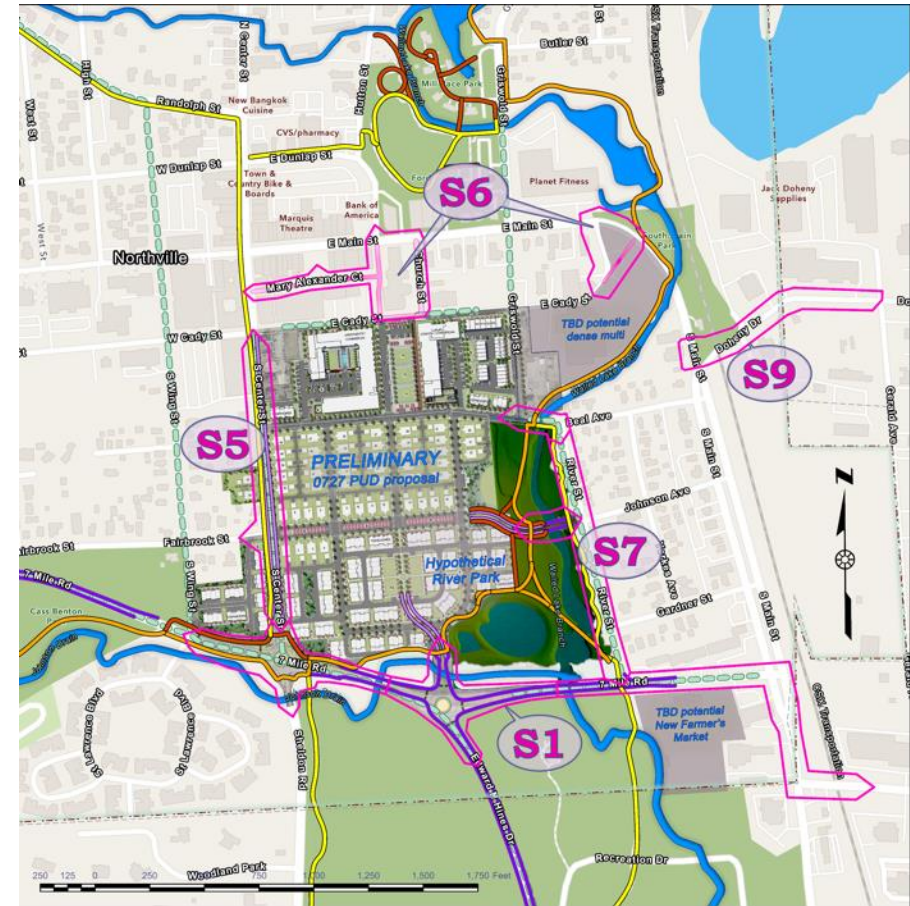
- ❑ Finalize Central Park details prior to Final Site Plan approval (Planning Commission request)
- ❑ Park acceptance by Parks & Recreation Commission
- ❑ Planning Commission's review of parking and architectural ordinances
- ❑ Research and apply for placemaking grants



Traffic and Non-motorized Paths

- ✓ Provided feedback/support for modifications to Downs road designs to promote walkability and complete streets
- ✓ Completed Mobility Network Study (Sustainability Team & River Task Force) and presented to City Commissions
- ✓ Incorporated Northville paths into SEMCOG's regional Connect the Rouge railway project

- ❑ Update Mobility Network Study
- ❑ Mobility Team advisory group to F&V Traffic Study
- ❑ Provide input to Non-Motorized Plan Update
- ❑ Advocate for traffic planning and simulation as a supplement for traffic engineering studies
- ❑ Grant writing support for non-motorized paths



Promoting Sustainability



Monitoring Tools

- ✓ Michigan Green Community Challenge – Silver Status
- ✓ Sustainability Scorecard for Planning Commission
- ✓ Sustainability Metrics

☐ Ongoing role

Partnerships

- ✓ Members of Wayne County Sustainability Advisory Group
- ✓ Task Force Support

☐ Ongoing role

Education

- ✓ Point of contact for sustainability proposals
- ✓ Attended multiple webinars on Sustainability topics

☐ Ongoing role

Reduce, Reuse, Recycle



Energy/Fuel Consumption

- ✓ Replace/add EV charging stations (2/10)
- ✓ 297 lights converted to LED
- ✓ 120 lights converted to induction in DDA

- ☐ Continue efforts to convert City and DDA lighting to more efficient LED.
- ☐ Energy saving opportunities for fire station and city hall renovations
- ☐ Strategies to reduce City's utility usage (need baseline metrics)

Waste Management & Recycling

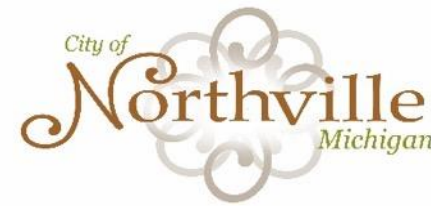
- ✓ Supported transition to GFL household waste pickup service

- ☐ Regularly publish sustainability education messages community (e.g., lawn care emissions, single use plastics, etc.)

Healthy Environment

- ☐ Research and advocate for non-toxic herbicides and pesticides for City property and parks
- ☐ Educate community to promote protection of watershed
- ☐ Reduce use of fertilizers and other toxins

Low Impact Development (LID)



- ✓ Permeable pavement installed on Wing Ct.
- ✓ Pervious pavement and bioswales proposed for Farmers' Market concept plan

- ❑ Follow-up review on performance of Wing Ct. Permeable surface
- ❑ Advocate for LID solutions during Site Plan Approval process for major projects
- ❑ Establish baseline measurements of impervious surfaces in the City and develop strategies to reduce over time
- ❑ Support completion of Green Ordinance Audit



Public Access to Greenspace



✓ S. Main Park restoration

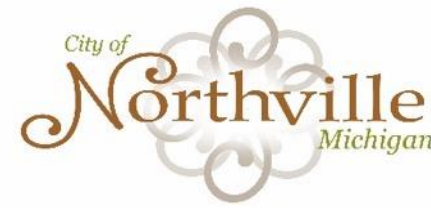
✓ Grant writing support

- \$1.9 Mil. Randolph Drain & Serenity Point
- \$910,000. Ford Field Gateway
- \$700,000. Serenity Point

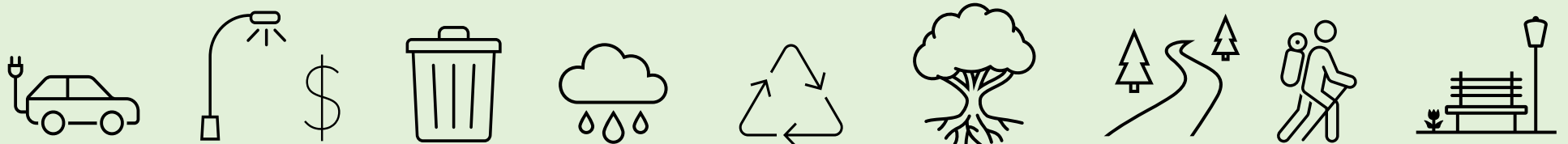
☐ Engineering for Serenity Point and Ford Field Gateway (pending receipt of funds)

☐ Advocate for pathways connecting local, regional and state parks

Next Steps

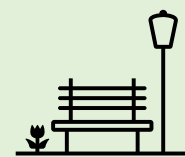
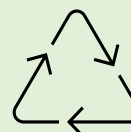
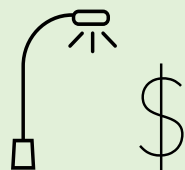
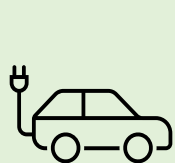


- Formal submission of goals & objectives to City Manager's office and City Council.
- City Council continued support of Sustainability Team's mission and role.



Thank you!

Q & A





Northville Sustainability Team Goals and Objectives FY 2023-24

Tree Conservation

- ☐ Conduct community tree presentations and informal information sharing events.
- ☐ Educate public on the value of trees and how to care for them.
- ☐ Support Planning Commission review/modification of tree ordinances.
- ☐ Plant 30-50 new trees annually in public ROW and greenspace areas (grant funded).
- ☐ Continue to achieve "Tree City USA" status.

Placemaking & Walkability

- ☐ Finalize Central Park details prior to the Downs Final Site Plan approval (Planning Commission request).
- ☐ Support Planning Commission's review of parking and architectural ordinances.
- ☐ Work with Parks & Recreation staff to establish maintenance and programming for Central Park.
- ☐ Research and apply for placemaking grants.

Traffic and Non-Motorized Paths

- ☐ Update the Mobility Network Study.
- ☐ Provide input to the F&V Traffic Study.
- ☐ Support Non-Motorized Plan Update by providing GIS data and team knowledge.
- ☐ Advocate for traffic planning and simulation as a supplement for traffic engineering studies.
- ☐ Provide grant writing support for proposed non-motorized paths.
- ☐ Improve pedestrian/cyclist access to Hines Park.

Promoting Sustainability (Ongoing role)

Monitoring Tools

- ☐ Maintain Sustainability metrics (quarterly).

Partnerships

- ☐ Serve as members of Wayne County Sustainability Advisory Group.
- ☐ Provide Task Force support.

Education

- ☐ Serve as point of contact for Sustainability proposals.
- ☐ Attend multiple webinars on Sustainability topics.

Reduce, Reuse, Recycle

Energy/Fuel Consumption

- ☐ Identify energy saving opportunities for fire station and city hall renovations.
- ☐ Identify strategies to reduce City's utility usage (need baseline metrics).
- ☐ Continue efforts to convert City and DDA lighting to more efficient LED.

Waste Management & Recycling

- ☐ Publish regular sustainability education messages to the community (e.g., lawn care emissions, single use plastics, etc.)

Healthy Environment

- ☐ Research and advocate for non-toxic herbicides and pesticides for City property and parks.
- ☐ Educate community to promote protection of watershed.
- ☐ Reduce use of fertilizer and other toxins.

Low Impact Development (LID)

- ☐ Advocate for LID solutions during Site Plan Approval process for major projects.
- ☐ Conduct follow-up review on performance of Wing Ct. permeable surface.
- ☐ Support completion of Green Ordinance Audit.
- ☐ Establish baseline measurements of impervious surfaces in the City and develop strategies to reduce over time.

Public Access to Green Space

- ☐ Complete engineering for Serenity Point and Ford Field Gateway (pending receipt of funds)
- ☐ Advocate for and provide support as needed to construct pathways connecting local, regional and state parks (Fish Hatchery, Northville Township 7 Mile path, Maybury State Park, Novi's Rotary Park).