



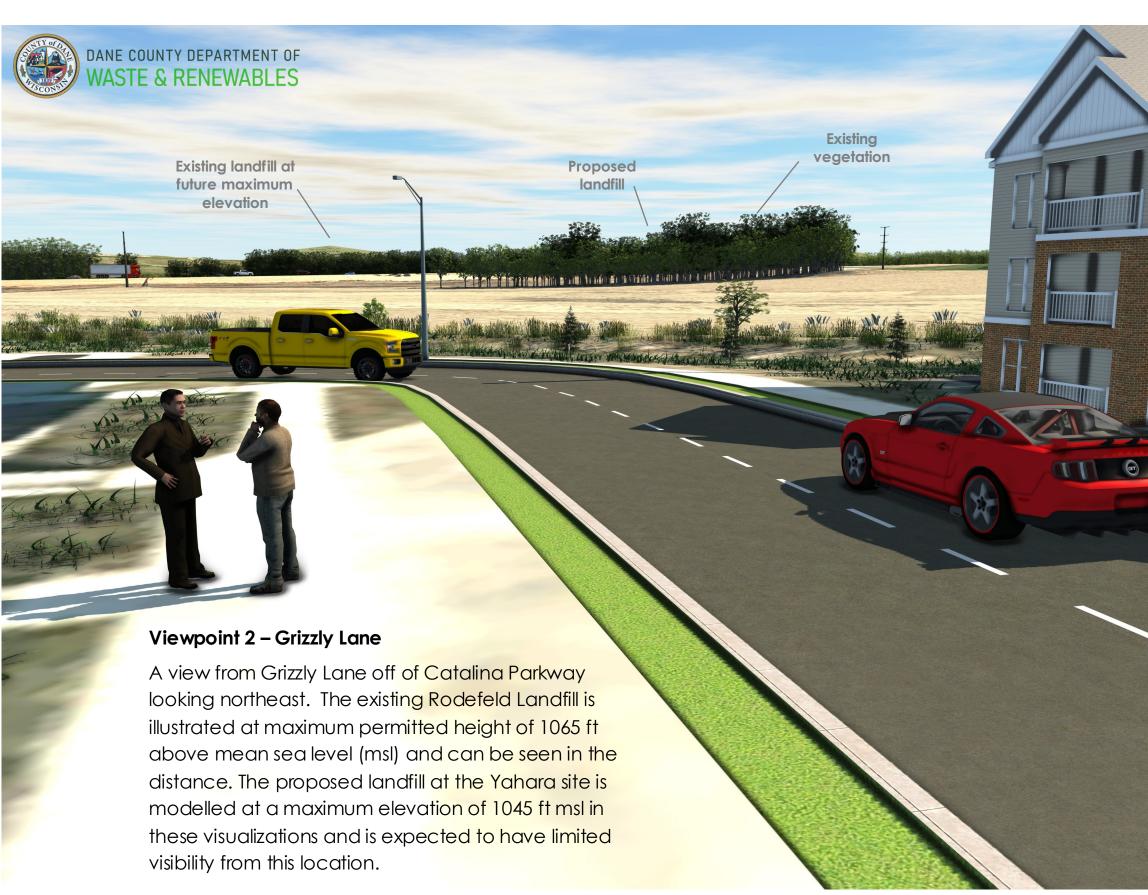
Preliminary Site Plan

Dane County Department of Waste & Renewables Dane County Sustainability Campus March 1, 2022

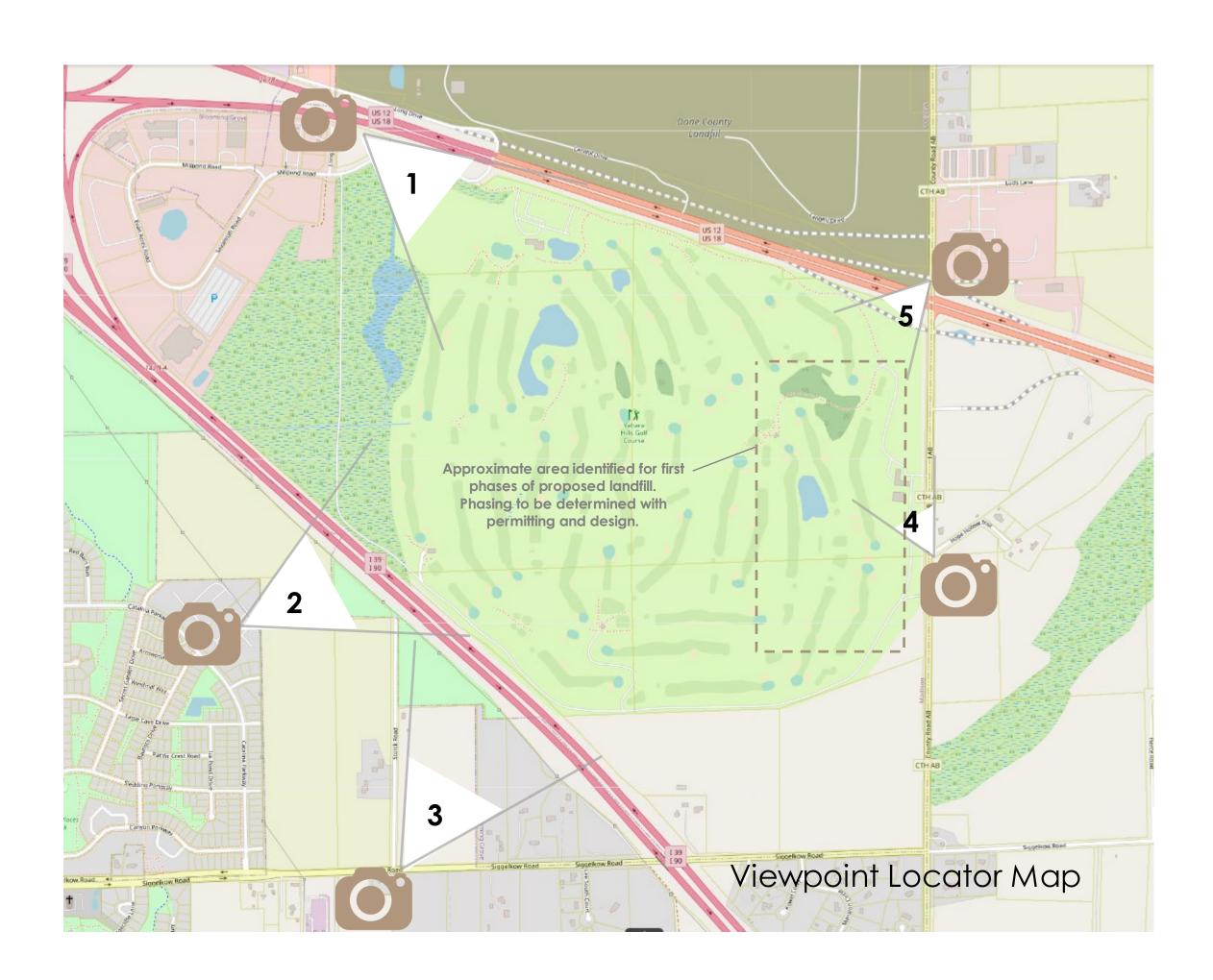


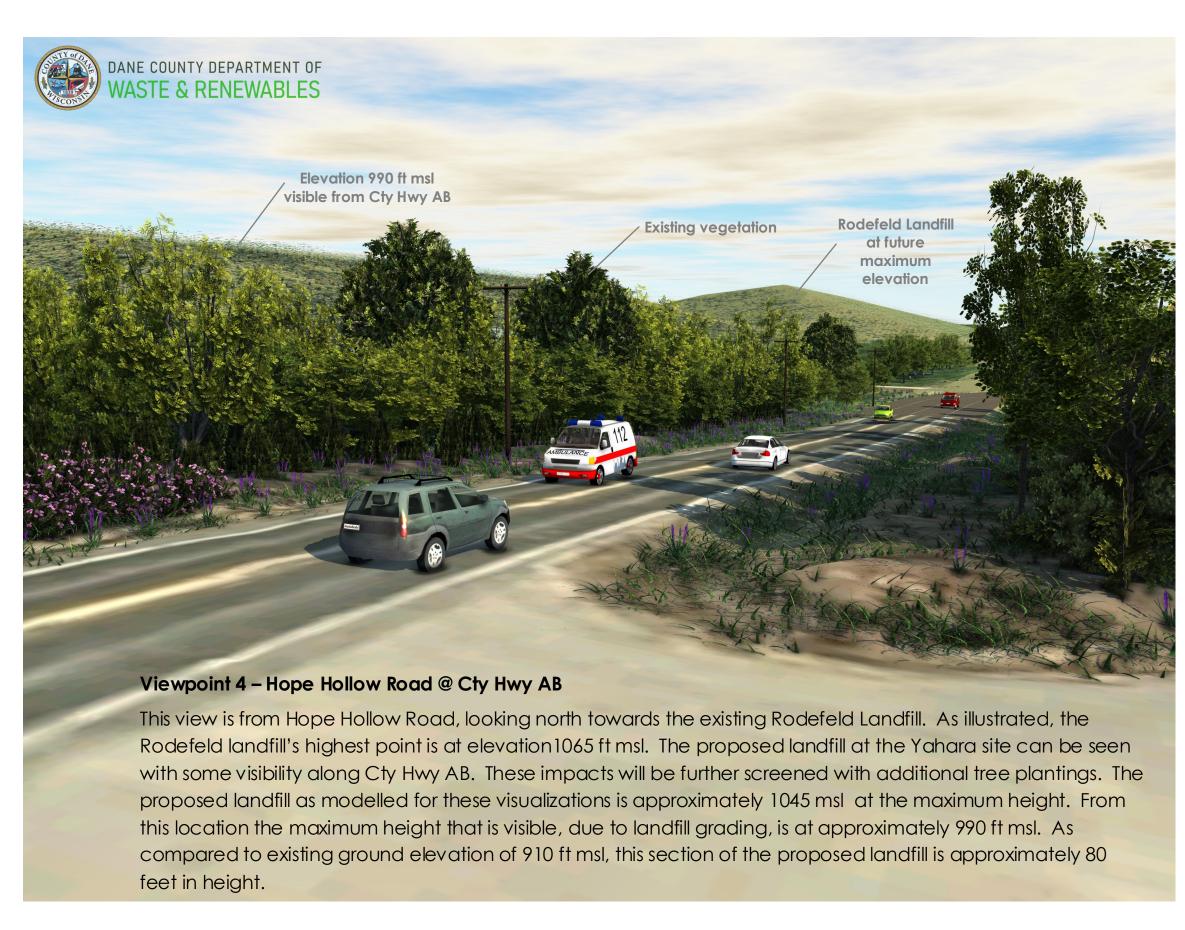


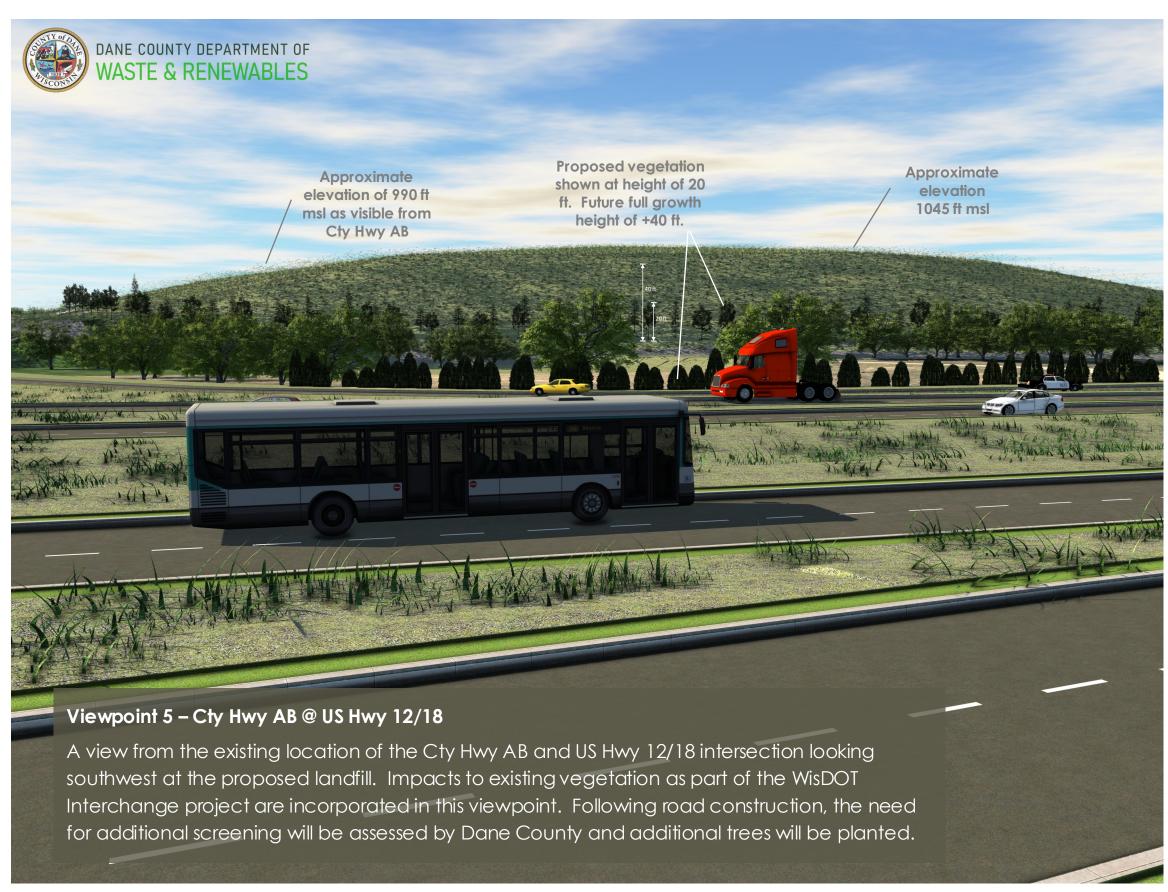


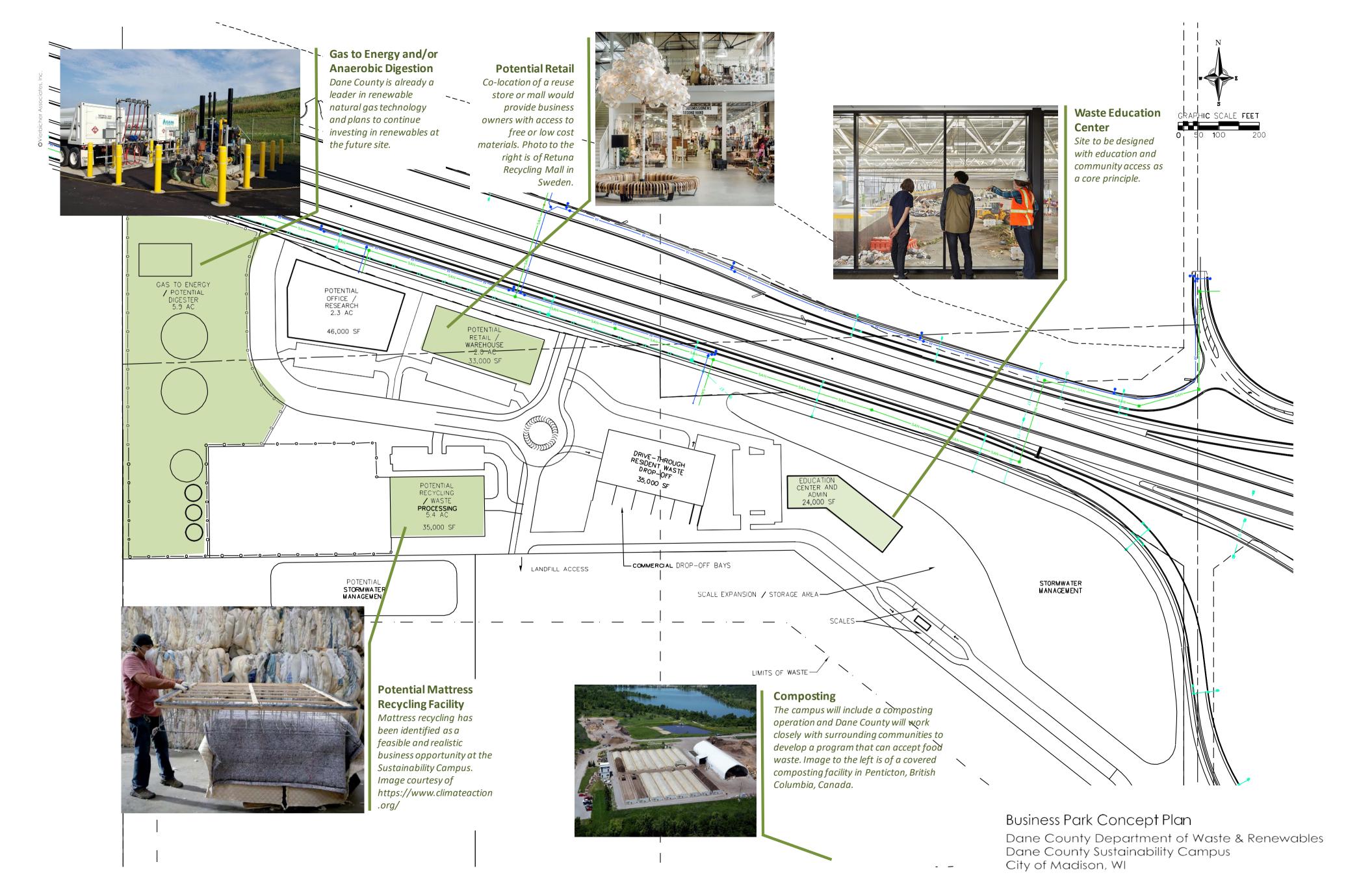


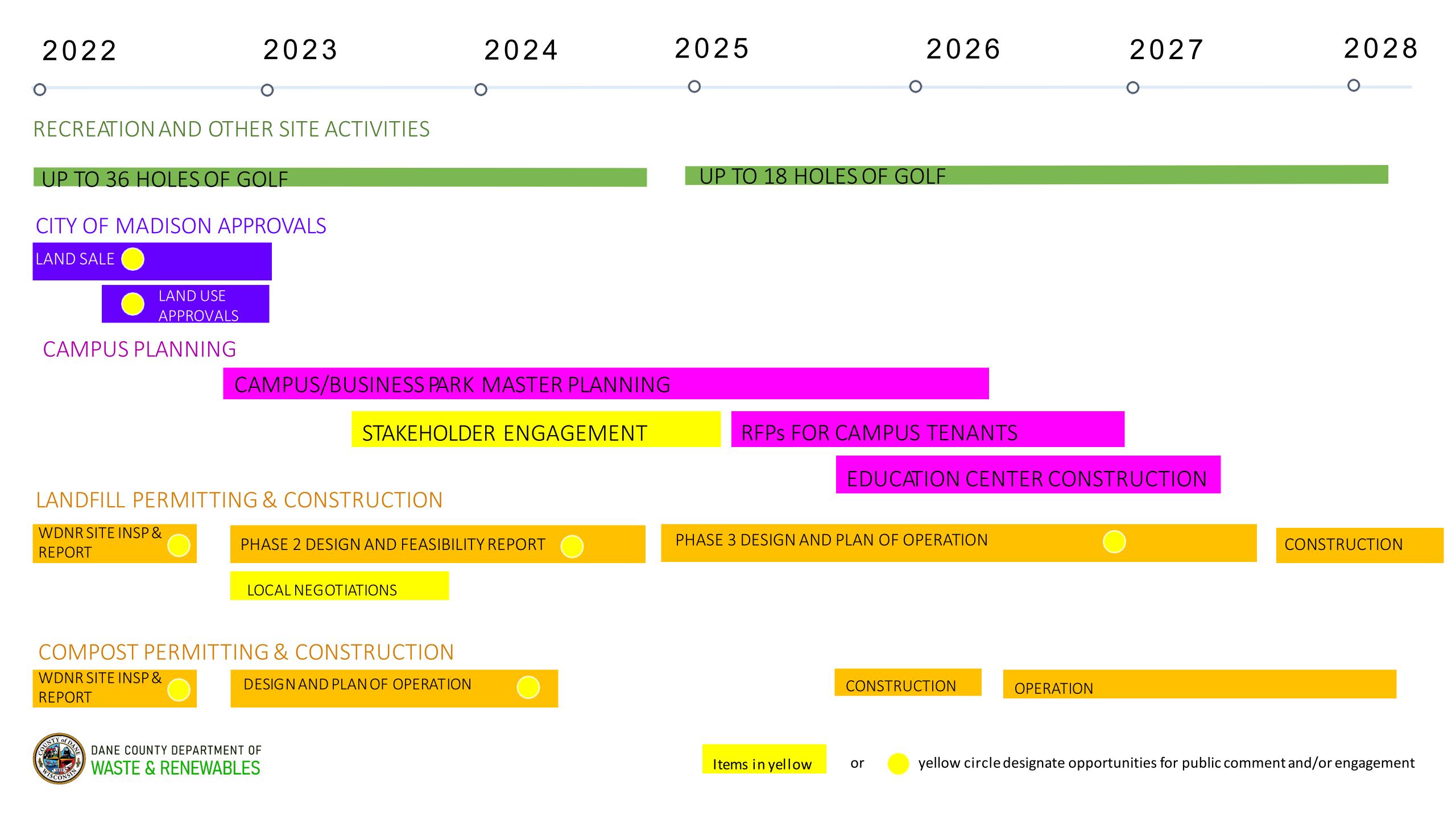














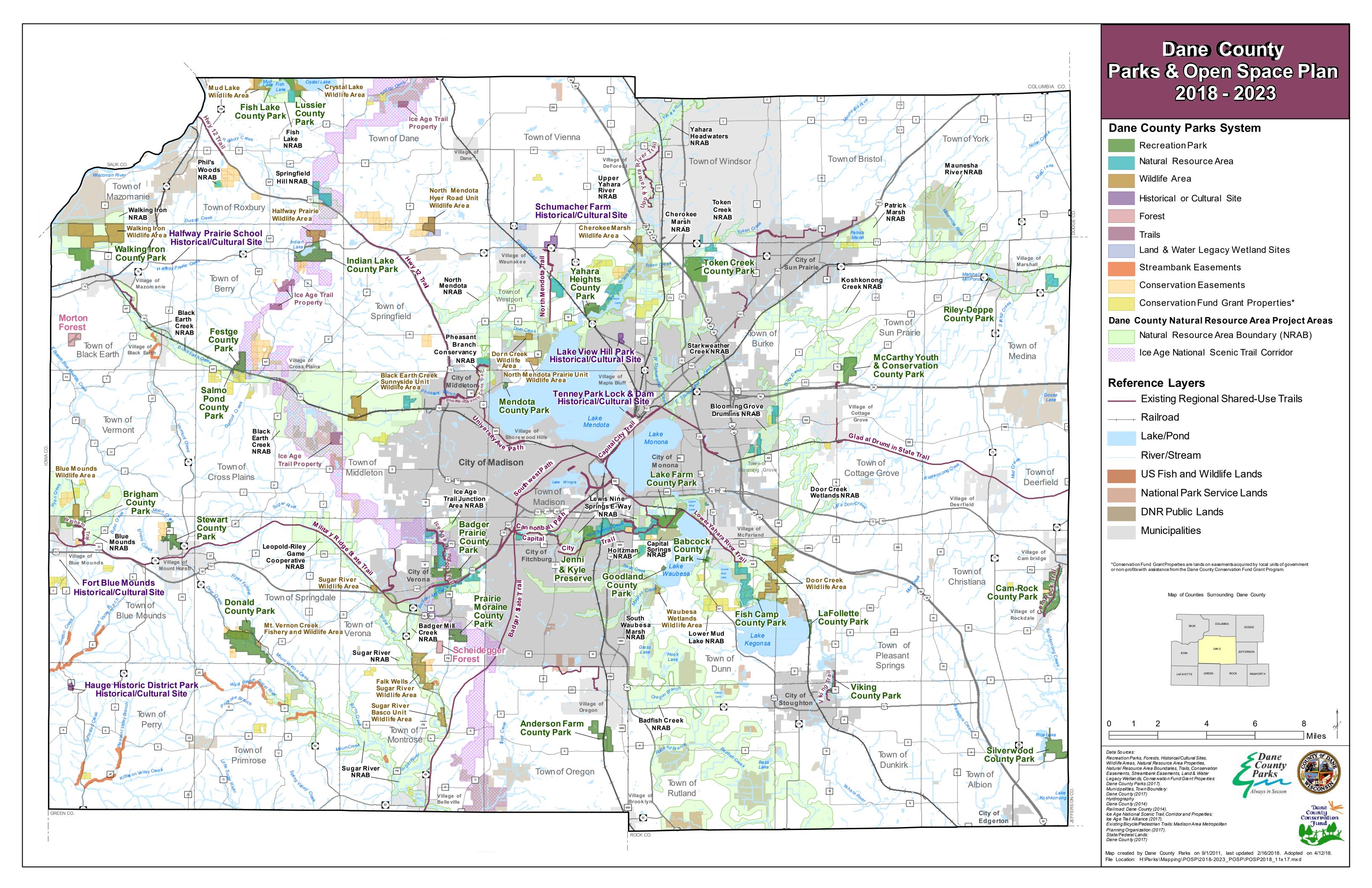
Sustainability Campus & Landfill Project Timeline

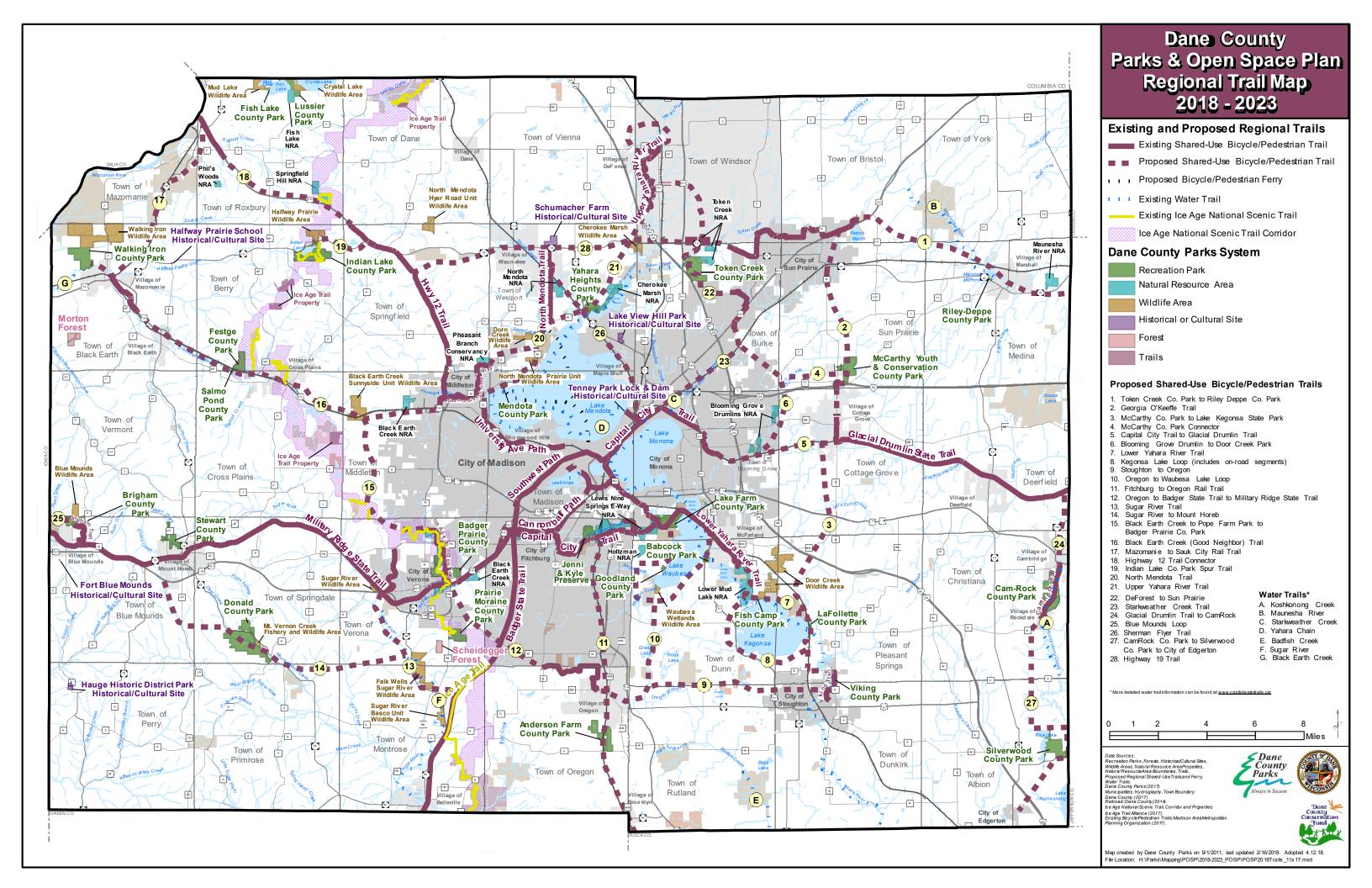
Updated 3/4/22

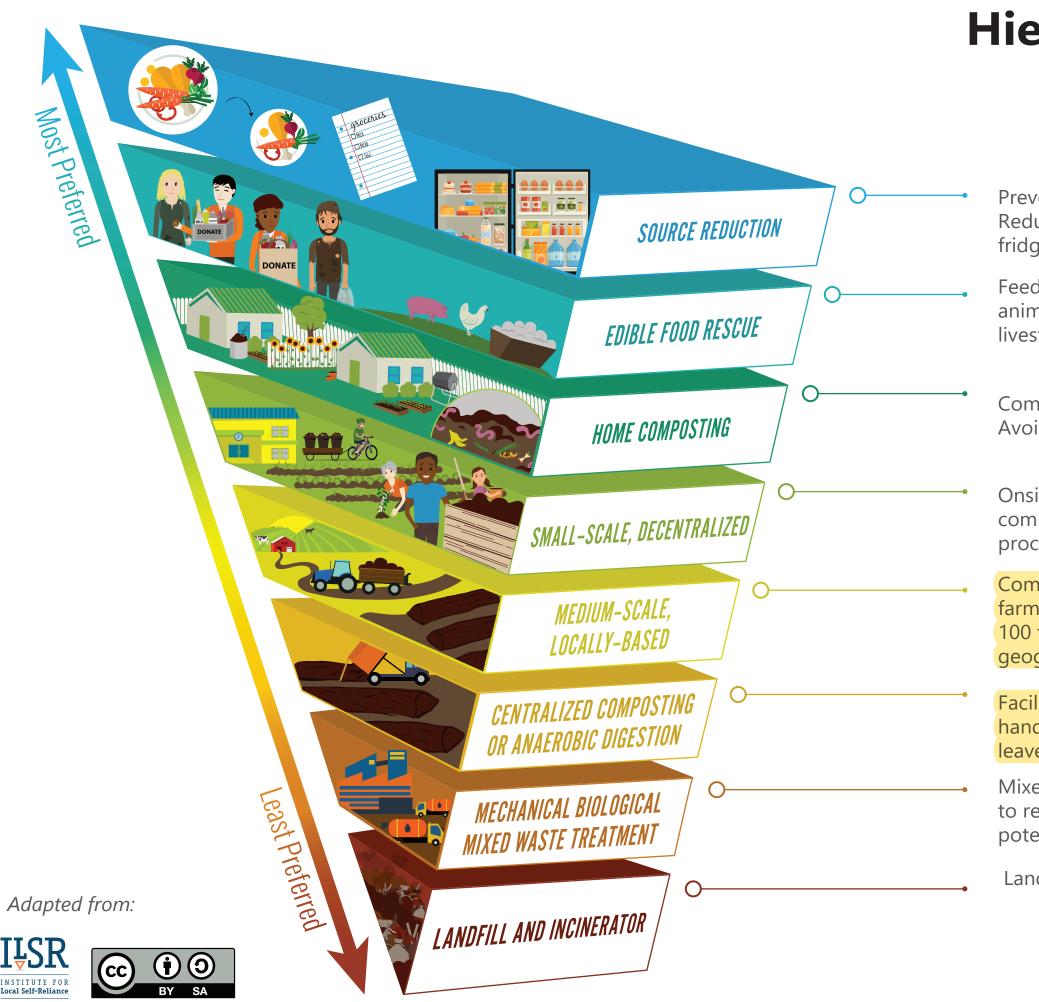
	Mar-22	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23	Jul-23	Aug-23	Sep-23
Recreation and Other Site Activities																			
Up to 36 holes of Golf																			
Recreation Planning at Rodefeld																			
WisDOT Interchange Construction																			
Land Sale																			
Common Council Introduction of Land Sale Agreements	•																		
-City Boards/Commission Discussion/Review																			
County Board Introduction of Land Sale Agreements	•																		
- County Board Committee Discussion/Review																			
Due Diligence/Closing Period																			
Yahara Hills Neighborhood Development Plan Amendment																			
Public Informational Meeting (March 17)	•																		
Common Council Introduction																			
-City Boards/Commission Discussion/Review																			
Rezoning/Subdivision Application																			
Submittal to City		•																	
-City Boards/Commission Discussion/Review																			
Campus and Business Park Planning																			
Phase 1 - Preliminary Site Design																			
Master Campus Planning (Award Contract in Fall 2022)																			
Request for Information/Proposal from Campus Tenants (2023-2024)																			
Waste Education Center Construction (2025)																			
Landfill and Compost Permitting and Design																			
WDNR Initial Site Inspection																			
Initial Site Report Submittal to WDNR																			
Compost Site Plan of Operation Submittal to WDNR Compost Site Construction (2025, 2026)																			
Compost Site Construction (2025-2026) Landfill Phase 2 Design Site Investigation and Feasibility Penert Prop																			
Landfill Local Negotiated Agreement Process (Approx. 2022, 2024)																			
Landfill Local Negotiated Agreement Process (Approx. 2023-2024)																			
Landfill Feasibility Report Submittal (Approx. 2024)- Includes Public Comment Period following submittal Landfill Plan of Operation Submittal (Approx. 2027) - Includes Public Comment Period following submittal																			
Landfill Construction (2028-2030)																			

Notes:

- 1) Timeline for all items are estimated and provided for informational purposes only. Dane County may proceed with these steps more quickly or slower than indicated.
- 2) Public comment and engagement opportunities highlighted in BOLD







Hierarchy to Reduce Food Waste and Grow Community

Prevention. Do not generate food waste in the first place! Reduce portions, buy what you need, and organize your fridge for optimal food usage.

Feed hungry people. Divert food not suitable for people to animals such as backyard chickens or to local farmers' livestock.

Composting in backyards or in homes. Avoid collection costs!

Onsite composting or anaerobic digestion, and community composters can accept material from off-site or simply process their own material.

Composting or anaerobic digestion at the small town or farm scale. These systems handle typically between 10 and 100 tons per week and are designed to serve small geographic areas.

Facilities serving large geographic areas that typically handle more than 100 tons per week. Material generally leaves the community in which it is generated.

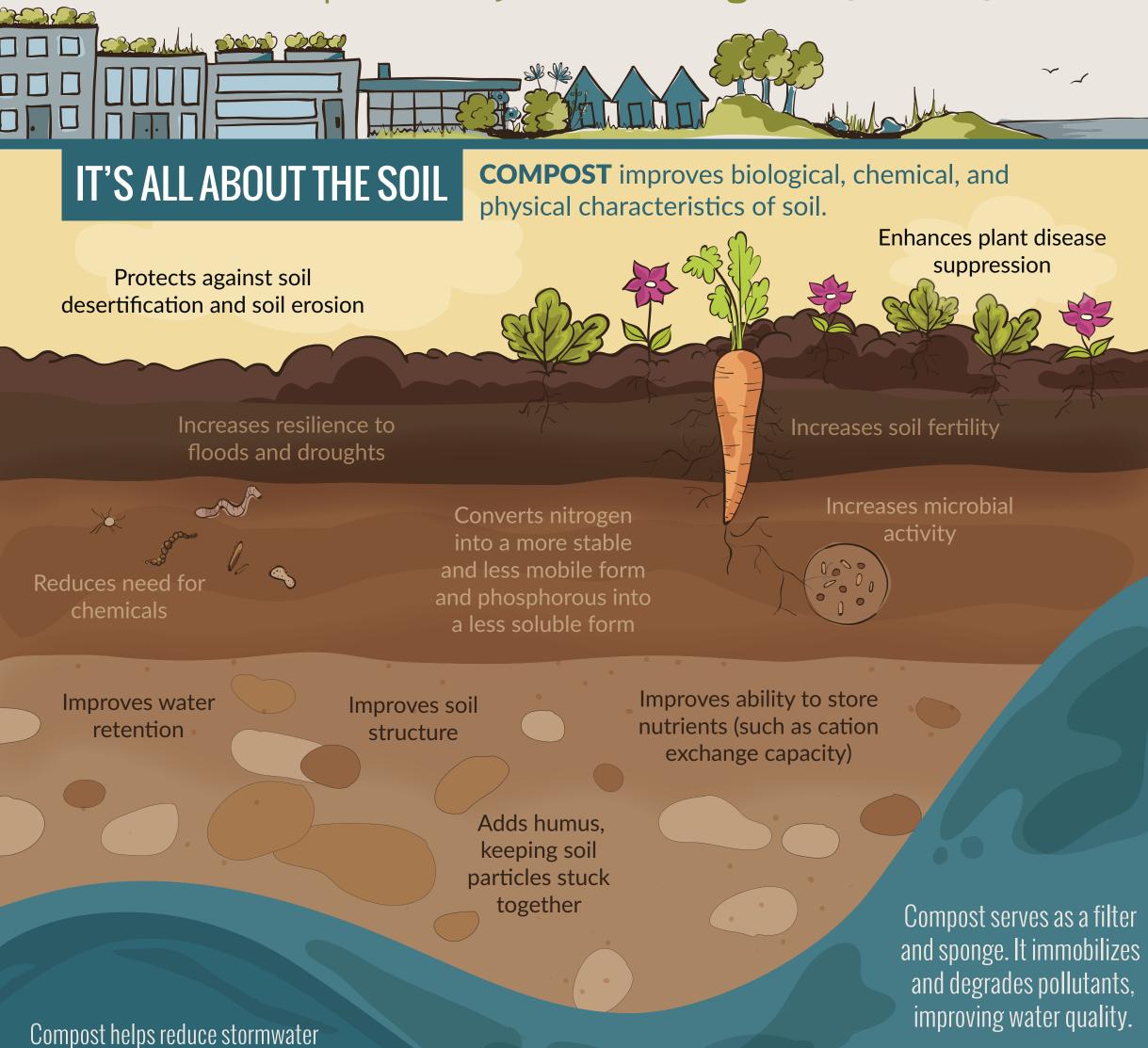
Mixed garbage is mechanically and biologically processed to recover recyclables and reduce waste volume and the potential for methane emissions before landfill disposal.

Landfill of food waste should be last resort.

Composting Enhances Soil and Protects Watersheds

Healthy soils are essential for protecting watersheds. Compost is the best way to add organic matter—which is vital—to soils.

When added to soil, compost can filter out urban stormwater pollutants by an astounding 60-95%



SOURCES:

runoff because it can hold

~5x its weight

in water.

Bobby Bell and Brenda Platt, Building Healthy Soils with Compost to Protect Watersheds, Institute for Local Self-Reliance (ILSR), June 2014.

Brenda Platt, Nora Goldstein, Craig Coker, and Sally Brown, The State of Composting in the U.S.: What, Why, Where, & How, Institute for Local Self-Reliance (ILSR), June 2015.

"Why Build Healthy Soil?" Washington Organic Recycling Council (WORC) Soils for Salmon Project, accessed April 2016. United States Composting Council (USCC), "Specify and Use COMPOST for LEED & Sustainable Sites Projects: A Natural

"Soil Health Key Points," Natural Resources Conservation Service, USDA, February 2013.

"Increasing Soil Organic Matter with Compost," Compost: The Sustainable Solution, US Composting Council, July 2014.

"Strive for 5%," US Composting Council's campaign to promote 5% organic matter in soils, US Composting Council.

INSTITUTE FOR Local Self-Reliance

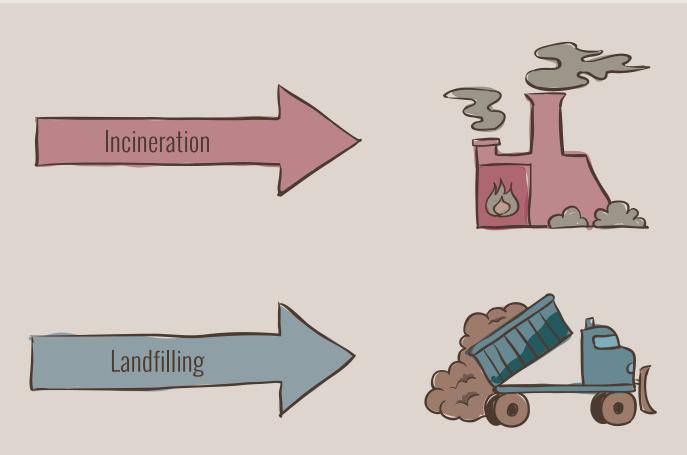
To learn more, visit: ilsr.org/compost-impacts

Composting Creates Jobs

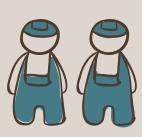
Jobs are sustained in each stage of the organics recovery cycle.

PER 10,000 TONS WASTE/YEAR

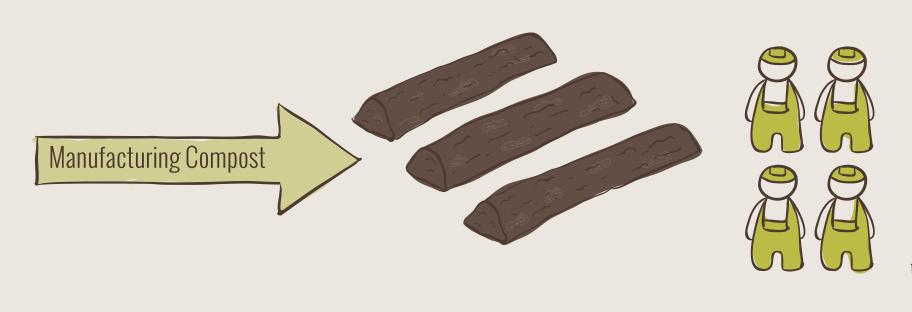
JOBS SUSTAINED



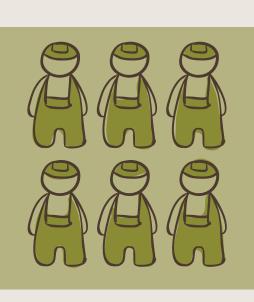




On a per-ton basis, making compost alone, employs 2x more workers than landfills and 4x more than incinerators.



Green infrastructure uses compost in rain gardens, green roofs, bioswales, vegetated retaining walls, and on steep highway embankments to control soil erosion and storm water. Using compost in green infrastructure creates **even more jobs.**





SOURCES:

Brenda Platt, Bobby Bell, and Cameron Harsh, Pay Dirt: Composting in Maryland to Reduce Waste, Create Jobs & Protect the Bay, Institute for Local Self-Reliance (ILSR), May 2013.

Brenda Platt, Nora Goldstein, Craig Coker, and Sally Brown, *The State of Composting in the U.S.: What, Why, Where, & How,* Institute for Local Self-Reliance (ILSR), June 2015.

Brenda Platt and Neil Seldman, Wasting and Recycling in the United States 2000, Institute for Local Self-Reliance (ILSR), 2000.



What Can You Do?

Policies to Consider

- ✓ Encourage a decentralized composting infrastructure
- ✓ Establish a 75% food recovery goal by 2030
- ✓ Ensure small-scale operators can compete
- ✓ Support master composter train-the-trainer programs
- ✓ Require compost-amended soil for disturbed land
- ✓ Implement a moratorium on new trash burners
- ✓ Institute pay-as-you-throw trash fees
- ✓ Ban yard trimmings and food scraps from landfills and incinerators
- ✓ Implement a healthy soils and green infrastructure initiative
- ✓ Provide grants, loans, and technical assistance to compost projects
- ✓ Establish performance-based standards for compost sites
- ✓ Support small facilities
- ✓ Implement a per-ton surcharge on all disposal facilities to fund composting

Learn how to compost at home and amend your soil with compost. Install a raingarden or bioswale. Advocate for policies and programs to expand composting. Promote school, garden, farm, and other community-based composting. A diverse and distributed infrastructure is needed! Get involved. Get your local farmers and elected, public works, parks, agricultural, and economic development officials involved. Make or buy compost!

■ Local and state policies are needed to grow composting.

