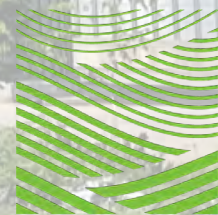


Leading with Landscape Mayfield, Kentucky



Student
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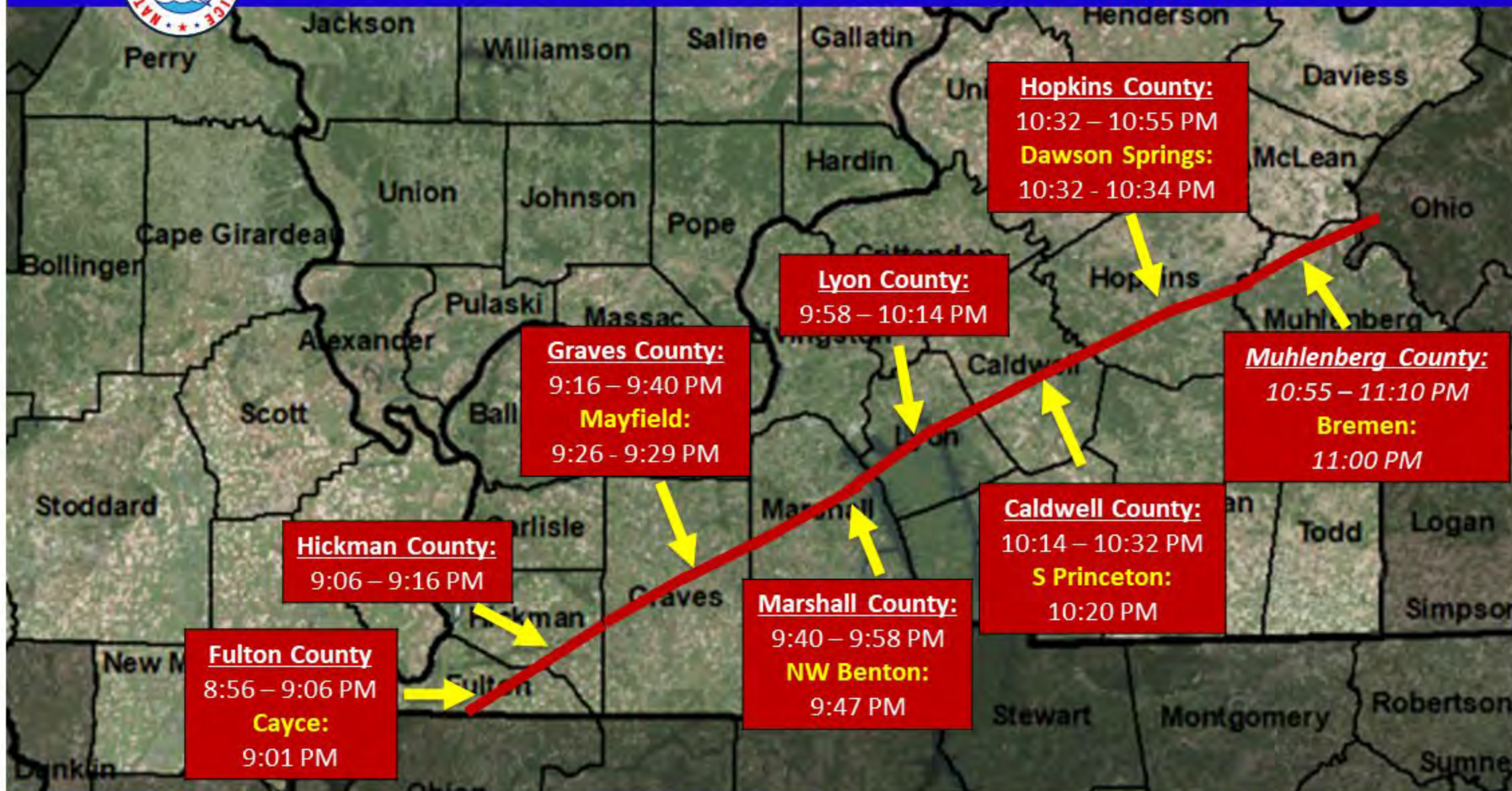
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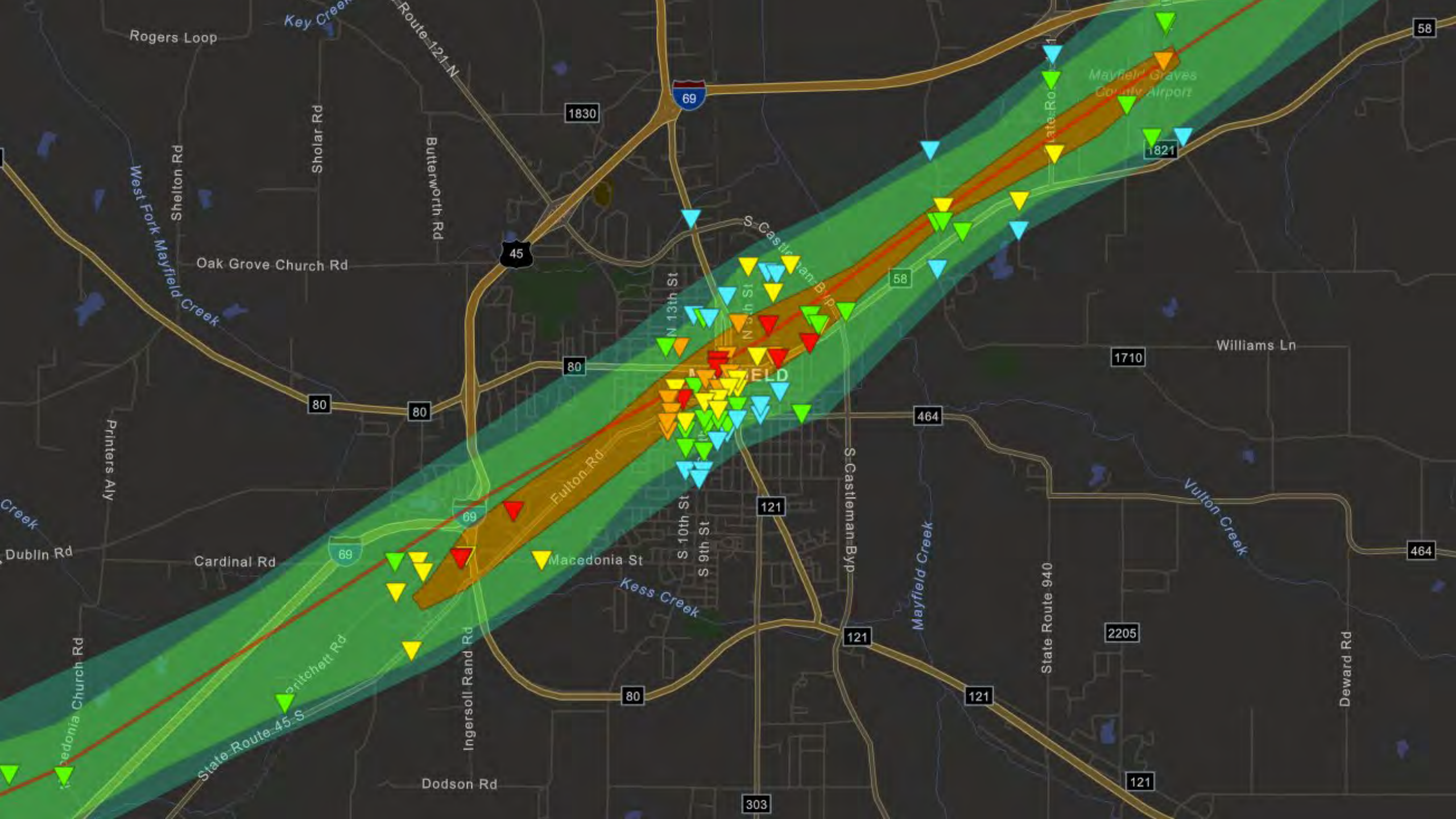
Agenda

12:30-12:40	Introduction
12:40-1:10	Harmon Park: Caroline Kushon, Leena Al Ghailani
1:10-1:20	Questions & Comments
1:20-1:50	Urban Park: Donnie Thornton, Katie Davis
1:50-2:00	Questions & Comments
2:00-2:30	South Street: Brendyn Freeman, Yasser Frandin
2:30-2:40	Questions & Comments
2:40-3:10	Farmer's Market: Felix Lowery, Chris Metts
3:10-3:20	Questions & Comments
3:20-3:50	Memorial Sanctuary & Arts District: Zoe Sermersheim; Courthouse and Government Redevelopment: Abby Phelps
3:50-4:00	Questions & Comments
4:00-4:30	Final Thoughts and Wrap



Dec. 10, 2021 Tornado Track Timeline







Washington Post

<https://www.washingtonpost.com> › 2023/04/02 › torn... ⋮

Here's how climate change may be fueling tornadoes

Apr 2, 2023 — Tornado season may be longer, and move farther east ... **A warming climate doesn't necessarily change much about the potential for summer storms, ...**



NPR

<https://www.npr.org> › 2023/03/27 › tornadoes-climate-c... ⋮

How does climate change affect tornadoes? Here's what ...

Mar 27, 2023 — Scientists know that **warm weather is a key ingredient in tornadoes** and that climate change is altering the environment in which these kinds of ...



The New York Times

<https://www.nytimes.com> › tornado-climate-change ⋮

What We Know About Tornadoes and Climate Change

Apr 3, 2023 — The ingredients that give rise to tornadoes include **warm, moist air at ground level; cool dry air higher up; and wind shear**, which is the change ...



Carbon Brief

<https://www.carbonbrief.org> › tornadoes-and-climate-... ⋮

Tornadoes and climate change: what does the science say?

May 31, 2019 — A 2018 paper by Dr James Elsner and colleagues found **a clear upward trend in tornado power of 5.5% per year over** the past few decades. However, ...





BREAKING NEWS

LIVE abc NEWS SPECIAL REPORT

GOV BESHEAR HOLDS MEDIA AVAILABILITY ON DEADLY TORNADOES IN KENTUCKY

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kentuckyasla As we are celebrating Reconnecting at our Annual Conference, we look forward to the start of World Landscape Architecture Month! We are also very excited to hear from our closing panel about the future of Landscape Architecture in the Bluegrass. #wla
Edited · 51w



kentuckyasla #kyasla #asla #annualconference
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EXIT

2023 SEASON

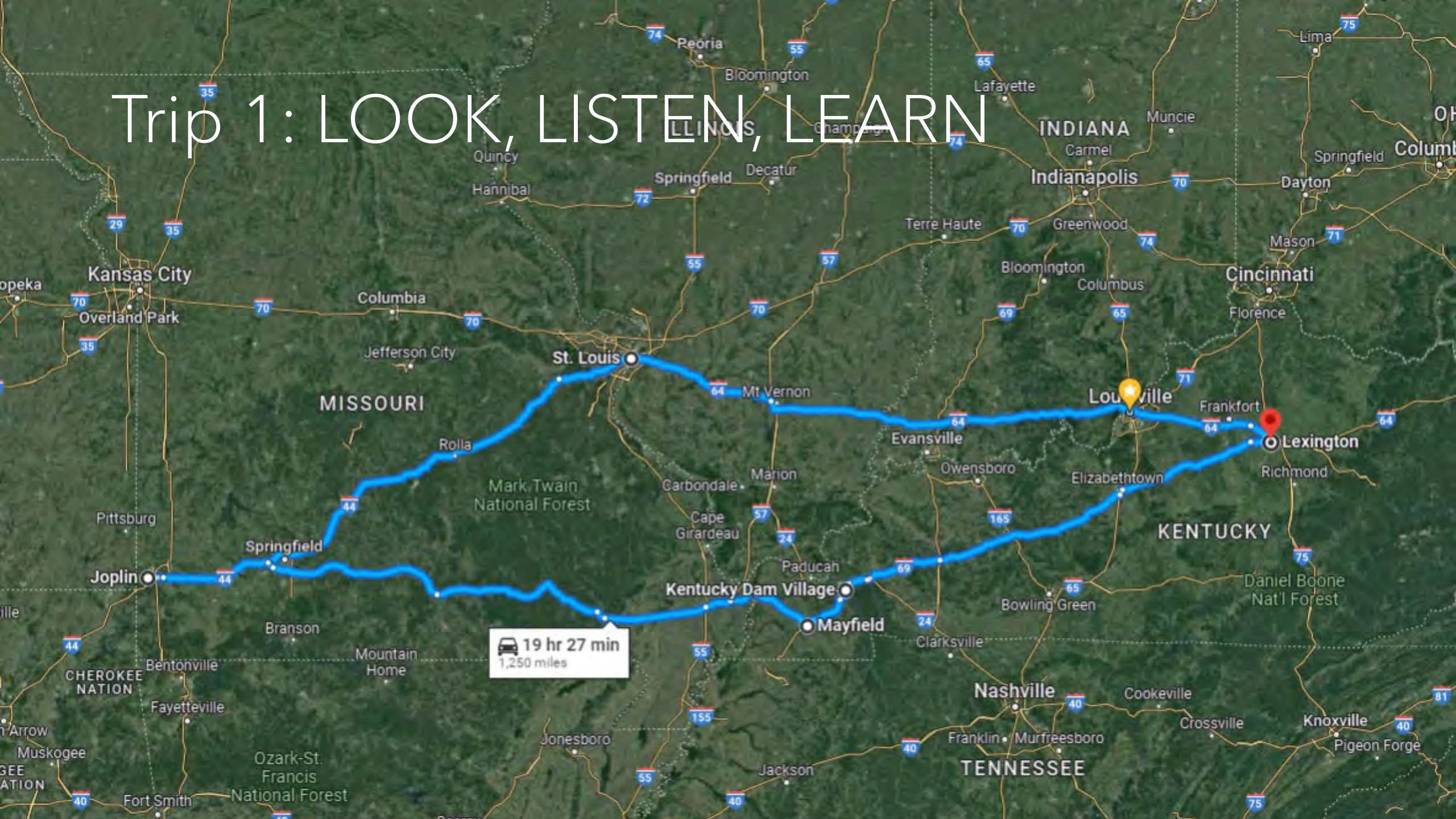
FEB - MARCH HIGH SCHOOL MUSICAL	APRIL MAGNOLIA	MAY THE GREAT ESCAPE	JUNE SWEET SCENT OF YOUTH
AUGUST MISSISSIPPI	SEPTEMBER THE GREAT ESCAPE	OCTOBER THE GREAT ESCAPE	NOVEMBER THE GREAT ESCAPE
DECEMBER THE GREAT ESCAPE			

EXIT

EXIT



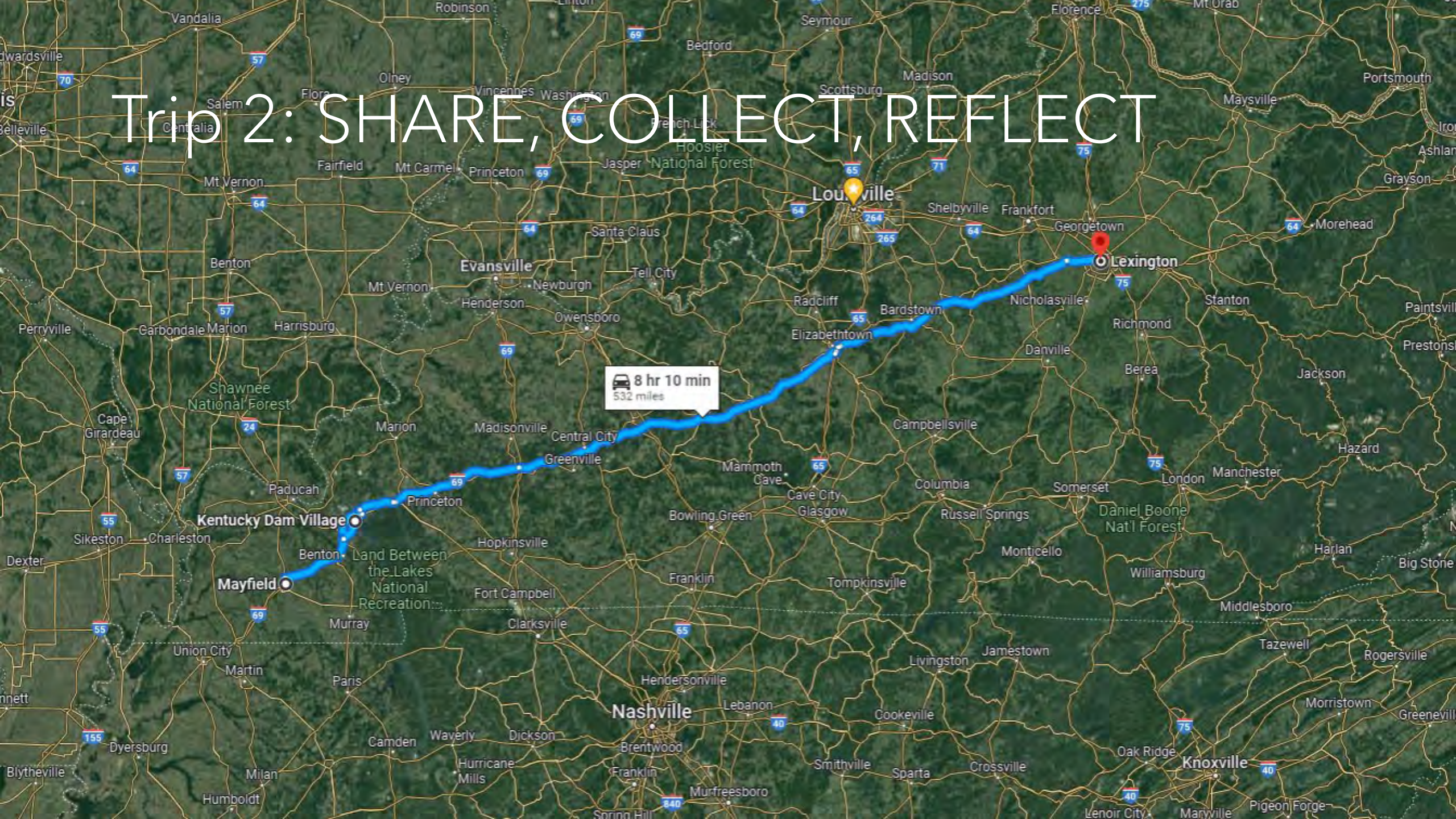
Trip 1: LOOK, LISTEN, LEARN



Trip 1: LOOK, LISTEN, LEARN



Trip 2: SHARE, COLLECT, REFLECT



Trip 2: SHARE, COLLECT, REFLECT



Please share your time, voices and ideas.

Interested in learning more about the students' work and providing additional feedback? Please scan the QR code to share your contact information for receiving future updates.



In response to Mayfield's ongoing recovery from the tornadoes of 2021 and process of envisioning a new future, students from the Landscape Architecture Department at the University of Kentucky's College of Agriculture, Food and Environment are developing design concepts for important spaces in Mayfield's downtown. The map shows the student project sites that were identified through the work of Mayfield Rebuilds and planning efforts led by landscape architects on the Bell Engineering team.

Opportunities to Participate

To ensure that the students' work addresses and responds to community needs and aspirations, UK's Landscape Architecture Studio is traveling to Mayfield twice this spring. In early February, students listened to and learned from community members, saw the town, documented their project sites, and collected stories, suggestions and feedback.

March 3 - 4: Students will share their preliminary ideas with community members, collect feedback and revisit their sites once more. Please join us at these Community Open House events to meet and talk with the students, see their work and share your ideas and feedback:

- 3:30 - 5:30pm on Friday, March 3 at the Courthouse Square (weather permitting) or Graves County Public Library
- 12:30 - 2:30pm on Saturday, March 4 at the different project sites

For the rest of the semester, students will incorporate community feedback and refine their designs for a final presentation to be hosted at the University of Kentucky in Lexington. All are welcome.

- A Harmon Park
- B Urban Park along Railroad
- C South Street Pedestrian Corridor
- D Farmer's Market
- E Memorial Sanctuary & Arts District
- F Courthouse and Government Center Redevelopment



Note: This map is for discussion purposes only and represents hypothetical projects to help the Mayfield community envision possibilities for the future. Dashed outlines indicate project sites and adjacent conditions, but do not indicate how sites will be developed, nor include/exclude specific properties, businesses, buildings or landowners.



Special thanks to the UK Student Sustainability Council and American Society of Landscape Architects - Kentucky Chapter for their financial support of this studio.



We need them!

University of Kentucky Mayfield


docs.google.com/forms/d/1jY14wNB1yTJT03Sb4dzcrLR38fcrGcym-Ba0nEF-6_c/edit?pli=1

University of Kentucky Mayfi


Questions Responses 35 Settings

Which activities below do you or family members enjoy? Check all that apply.


Nature Play



Bicycling



Gardening



Windows taskbar: File Explorer, Outlook, Edge, Chrome, Word, Excel, PowerPoint, Teams, Zoom, PDF Reader, ID, Settings, OneDrive, Google

Sustainability: Environmental Stewardship



Sustainability: Economic Equity

MUSIC BAR
Twisted Cork gets new location, adds menu. Page 10

SPORTS ROSTER REBOOT
How the transfer portal has reshaped Kentucky's women's basketball team. Page 18

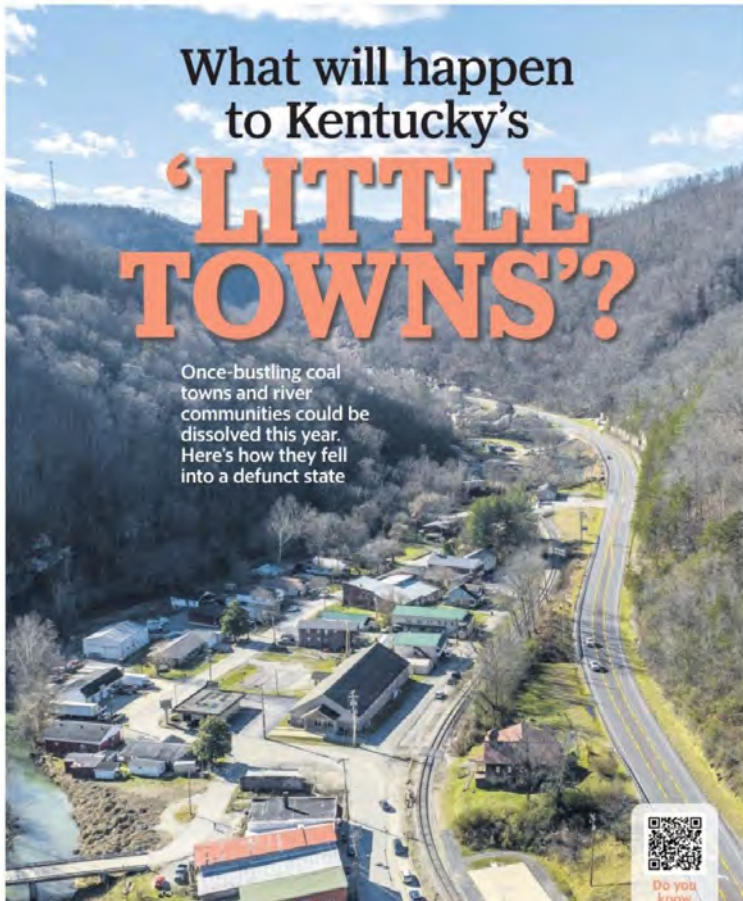
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LEXINGTON **HERALD-LEADER**
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What will happen to Kentucky's 'LITTLE TOWNS'?

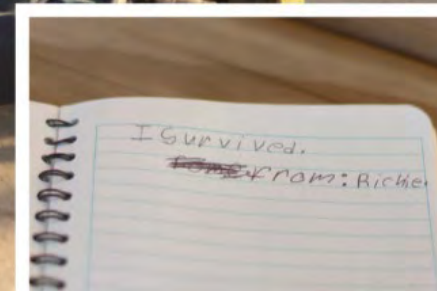
Once-bustling coal towns and river communities could be dissolved this year. Here's how they fell into a defunct state



Do you know?



Sustainability: Social Inclusivity





FINAL COMMITTEE REPORT
PRESENTED DECEMBER 12, 2022

SHOP LOCAL CAMPAIGN

Community Vision

Promoting local small businesses will not only help support current businesses but will encourage other companies to locate in a community where they can thrive.

Desired Outcome

Buying locally supports a strong and resilient local business community and prevents dollars from leaving the city. This project will increase the ability to have more business and service offerings.

ACTION STEPS

- ❑ Gather data on the impacts of money that leaves the community to illustrate the effects of "economic leakage".
- ❑ Seek support from local university to develop a Shop Local marketing plan.
- ❑ Contact local businesses to create short video promotions for podcasts and use on social media.
- ❑ Create campaign kit to be distributed to local businesses including posters and other supporting materials.

Many small locally-owned businesses face challenges with rebuilding and managing disaster recovery. These businesses support the wider local economy and community. It's an excellent opportunity to see new businesses continue to open and prosper. In turn, thriving independent businesses can help boost the prices of homes and properties within the area.

Multiple studies show that these small businesses reinvest in the local economy at a higher rate than chains do. For every \$100 spent at one of these businesses, for example, \$68 stays in the community.

Local businesses support good work in our community. "Studies show that nonprofits receive 250 percent more support from small businesses than large ones."

ESTIMATED TIMELINE

Less than a year

ESTIMATED COST

Minimal Cost

MAYFIELD REBUILDS FINAL REPORT

BUSINESS

Potential Funding Sources

Local businesses

Community Partners and Stakeholders

Mayfield-Graves County Chamber of Commerce
Murray State University Center for Economic and Entrepreneurial Development
Murray State University Business Department

This project can be implemented through local organizations, such as the Chamber of Commerce and in partnership with students/interns at local universities by developing a marketing campaign.

Some ideas may be - producing short videos highlighting local businesses and testimonials by customers that can be used as podcasts, intense social media campaign, billboard, print, radio and tv advertising. Other events, contests and promotions can help to encourage the community to support their neighbors to invest more into Mayfield and Graves County.

SUPPORT INITIATIVE FOR ACCESSIBILITY

Community Vision

Members of the Health and Welfare committee addressed concerns for identifying public spaces that need to be accessible for people with disabilities, such as sidewalks and green spaces.

Desired Outcome

Everyone should have the right to fully participate in community life, including dining in public restaurants, shopping, enjoying community park facilities, as well as many other aspects of community involvement. An effort should be made to highlight areas that were not accessible pre-tornado, as well as ensuring all ADA guidelines are followed for newly developed areas.

ACTION STEPS

- ❑ Identify areas that need to be more accessible.
- ❑ Collaborate with other groups interested in creating ADA-compliant facilities and infrastructure.
- ❑ Seek funding for meeting the needs of those with mental and physical disabilities.

In order to recover from the disaster of 2021, much of the city of Mayfield will need to be rebuilt. This committee recognizes that this is the time to address some of the existing problems that people with disabilities have faced here. Making public spaces and facilities physically accessible for people with disabilities also makes them more accessible for people who may not have disabilities, including families with baby strollers, skateboarders, and bicycle riders. Paths, streets and sidewalks are all public ways. Accessibility here may involve curb cuts or ramps and traffic signals that can be both heard and seen.

ESTIMATED TIMELINE

Ongoing

ESTIMATED COST

Undetermined

MAYFIELD REBUILDS FINAL REPORT

HEALTH AND WELFARE

Potential Funding Sources

Grants
Non-profits
Local and National Organizations

Community Partners and Stakeholders

Jackson Purchase Medical Center
Graves County Health Dept.
Get Fit Graves

According to the Center for Disease Control, 26% of adults in the United States have disabilities. Raising awareness and obtaining funding through grants and other means would improve the quality of life of our residents who need better accessibility.

By collaborating with those who design, construct, and inspect buildings and public spaces, and educate them about the needs of people with disabilities, they will be more likely to ensure accessibility in their projects and follow all ADA guidelines. Forming an advisory committee and working with other established groups, our disabled citizens can be better served.

COLLABORATE WITH OTHER ENTITIES TO DEVELOP GREEN SPACES

Community Vision

The inclusion of more green space in the city benefits recreational needs, as well as overall health and well-being.

Desired Outcome

Parks and trails can promote physical activity and community engagement and provide both environmental and mental health benefits. When well designed, parks have been shown to reduce stress and foster community interaction.

ACTION STEPS

- ❑ Coordinate efforts with other groups designing concepts for parks
- ❑ Design fitness tracks and trails, open space for physical activities and meditation gardens to promote good mental health
- ❑ Seek funding for providing health components to green spaces

After the disaster of December, 2021, many people are suffering from Post-Traumatic Stress Disorder. Recreational activities are being folded into treatment plans, as they can be an effective prescription to enhance physical, mental, social and emotional health through activities. Recreational therapy provides additional coping mechanisms related to stress by lowering levels of anxiety. Providing social opportunities can create a sense of community.

Encouraging physical activity will benefit the citizens of Mayfield and will promote:

- Physical wellbeing through physical activity and fresh air.
- Mental wellbeing through stress reduction and attention restoration.
- Social wellbeing through social integration, engagement and participation.

By providing health and fitness information and other means of support to the groups that are developing green spaces in the city, this committee can offer expertise and funding avenues to help promote the health benefits of well designed parks.

"Parks are restorative in nature and another healthy coping mechanism for those with PTSD, for both mind and body." National Park Service

Studies by environmental psychologists show that visual exposure to nature, in the form of trees, grass and flowers, can effectively reduce stress.

ESTIMATED TIMELINE

Long range - 3 years or more

ESTIMATED COST

To be determined

MAYFIELD REBUILDS FINAL REPORT

HEALTH AND WELFARE

Potential Funding Sources

Grants
Non-profits
Local civic organizations

Community Partners and Stakeholders

Jackson Purchase Medical Center
Graves County Health Dept.
National Park Service

REIMAGINE DOWNTOWN MAYFIELD

Community Vision

Suggestions from the community included expanding the downtown area with a uniform and timeless look, remove one-way streets and create a multi-use, livable and walkable city.

Desired Outcome

By identifying and designating districts in the downtown, better quality design can be achieved. Design Guidelines will promote better quality construction for all new construction in the area. These areas can be promoted as a destination for shopping, music and cultural events. Wayfinding signage will encourage visitors to move throughout the city and explore different areas.

ACTION STEPS

- ❑ Consult with design professional for design concepts
- ❑ Identify locations for wayfinding signage
- ❑ Secure funding for signage, streetscapes
- ❑ Promote districts and encourage development

The Rebuild and Design committee met weekly to discuss our vision for a "new" Mayfield. We quickly realized there are many areas in and around the downtown that could be revitalized to serve common interests. While the tornado took a direct shot at the core of the city, the opportunity to rethink the uses for several different spaces became apparent.

By implementing zones for development, we can plan the uses and create design concepts for each district. Encouraging like businesses and services in a district provides additional traffic. Some of the districts that have been identified include:

Arts and Culture district - the area has already been defined by the local theatre group - Purchase Players. Locating other buildings that serve the arts in this area will increase traffic to all.

ESTIMATED TIMELINE

Long term, 3 plus years

ESTIMATED COST

To be determined

MAYFIELD REBUILDS FINAL REPORT

REBUILD AND DESIGN

Potential Funding Sources

Federal and State Transportation Funding
Grants

Community Partners and Stakeholders

Local, State and National Tourism Boards
City of Mayfield

Entertainment district - known as Tobacco Town - this area lends itself to music and eating venues. Several streets still are brick adding to the ambience for outdoor seating.
Commerce district - when the tornado destroyed the courthouse, only one block was available for rebuilding businesses. In order for our town to grow, more space would be needed. Several blocks north of the previous downtown had also been wiped clean, allowing for a new business district to be developed.

Governmental district - the area around the courthouse can continue to house governmental buildings, such as the county courthouse and city hall.

Along with designating these areas, wayfinding signage will help people find their way to these destinations.

TREE PLANTING CAMPAIGN

Community Vision

Estimates state that 70% - 80% of the urban tree canopy was destroyed due to the tornado. A massive tree planting campaign is imperative.

Desired Outcome

Restore trees and other plant materials to the affected areas, as well as in other parts of the city. Engage local youth groups and civic organizations in a grass roots approach to beautify the community.

ACTION STEPS

- ❑ Engage organizations to volunteer their services in determining areas where trees can be planted and provide labor
- ❑ Find sources for donated trees
- ❑ Organize community events to plant trees

While the tornado destroyed homes and businesses, it also obliterated trees and foliage in its path. Replacing this green material is important, not only to improve the visual landscape, but for the long term health of the community.

An urban canopy helps to reduce the effects of a heat island being created. Shade generated by mature trees can reduce temperatures by up to 15 degrees. The longevity of hard surfaces, such as buildings, roofs, and asphalt can be increased by many years when not directly exposed to the sun.

Foliage helps to absorb harmful substances in the air, thus helping to improve human health. Trees and plantings provide buffers for noises and habitat for wildlife.

ESTIMATED TIMELINE

Spring 2023

ESTIMATED COST

Minimal Cost

MAYFIELD REBUILDS FINAL REPORT

REBUILD AND DESIGN

Potential Funding Sources

Grants
Graves County Extension Office
Forestry Service
Arbor Foundation
Local Nurseries

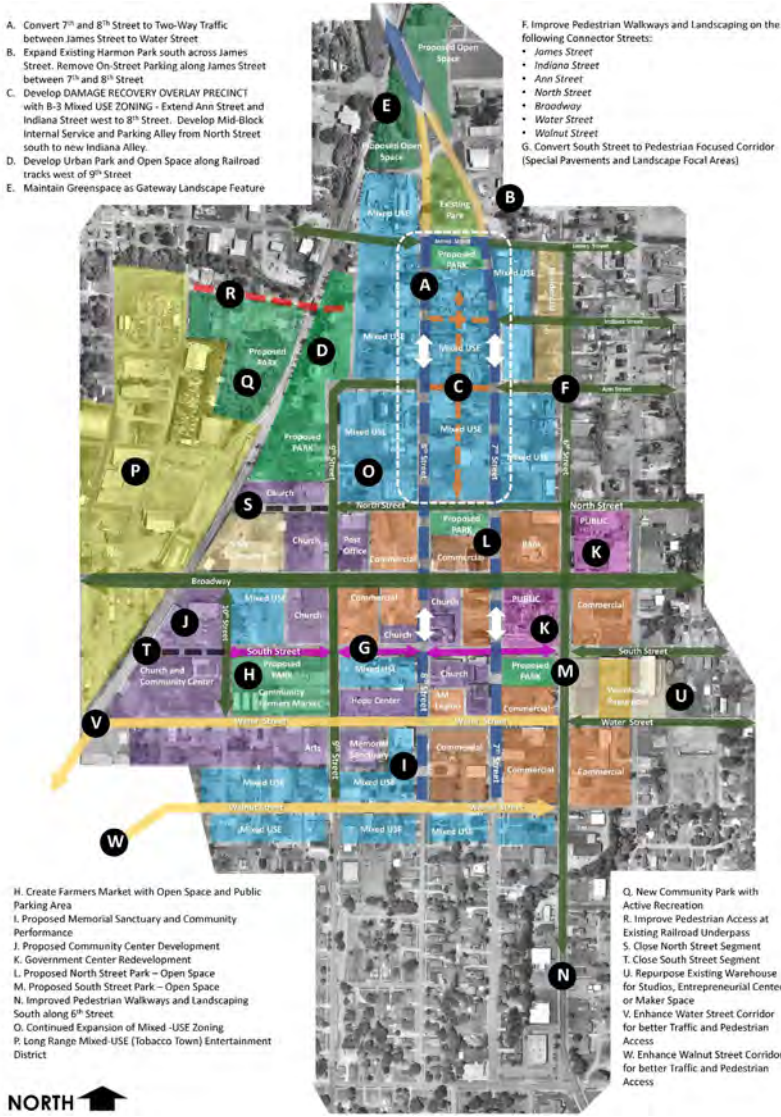
Community Partners and Stakeholders

Graves County FFA Chapter and Ag Dept.
Graves JROTC
Local Civic and Garden Clubs

Tree-lined streets draw more people and increases the walkability of an area.

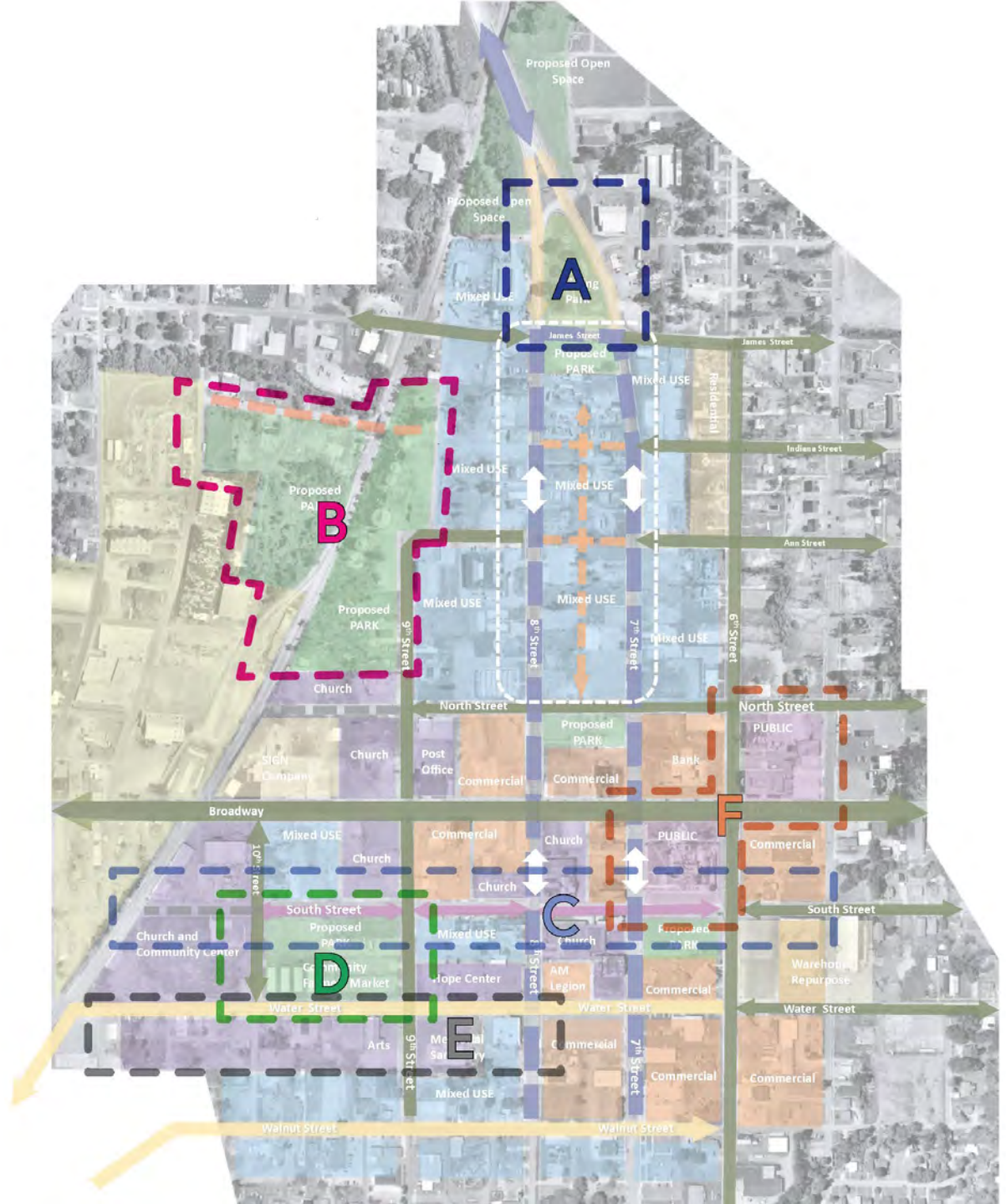
While trees are mostly beneficial, care must be given to choosing the right tree for the right place. Studies will need to be conducted to find the most appropriate and natural species for our region.

A tree planting campaign is an excellent opportunity to engage local students in becoming involved in their community. School groups such as Future Farmers of America could be engaged to help with all aspects of this project, especially providing labor for planting and maintaining the new trees.



- A. Convert 7th and 8th Street to Two-Way Traffic between James Street to Water Street
- B. Expand Existing Harmon Park south across James Street. Remove On-Street Parking along James Street between 7th and 8th Street
- C. Develop DAMAGE RECOVERY OVERLAY PRECINCT with B-3 Mixed USE ZONING - Extend Ann Street and Indiana Street west to 8th Street. Develop Mid-Block Internal Service and Parking Alley from North Street south to new Indiana Alley.
- D. Develop Urban Park and Open Space along Railroad tracks west of 9th Street
- E. Maintain Greenspace as Gateway Landscape Feature
- F. Improve Pedestrian Walkways and Landscaping on the following Connector Streets:
 - James Street
 - Indiana Street
 - Ann Street
 - North Street
 - Broadway
 - Water Street
 - Walnut Street
- G. Convert South Street to Pedestrian Focused Corridor (Special Pavements and Landscape Focal Areas)
- H. Create Farmers Market with Open Space and Public Parking Area
- I. Proposed Memorial Sanctuary and Community Performance
- J. Proposed Community Center Development
- K. Government Center Redevelopment
- L. Proposed North Street Park – Open Space
- M. Proposed South Street Park – Open Space
- N. Improved Pedestrian Walkways and Landscaping South along 6th Street
- O. Continued Expansion of Mixed -USE Zoning
- P. Long Range MIXED-USE (Tobacco Town) Entertainment District
- Q. New Community Park with Active Recreation
- R. Improve Pedestrian Access at Existing Railroad Underpass
- S. Close North Street Segment
- T. Close South Street Segment
- U. Repurpose Existing Warehouse for Studios, Entrepreneurial Center or Maker Space
- V. Enhance Water Street Corridor for better Traffic and Pedestrian Access
- W. Enhance Walnut Street Corridor for better Traffic and Pedestrian Access

- A** Harmon Park
- B** Urban Park
- C** South Street
- D** Farmer's Market
- E** Memorial Sanctuary & Arts District
- F** Courthouse & Government Center Redevelopment





References

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- <https://storymaps.arcgis.com/collections/8243cae7290947b1ab389c56ccb98445>
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