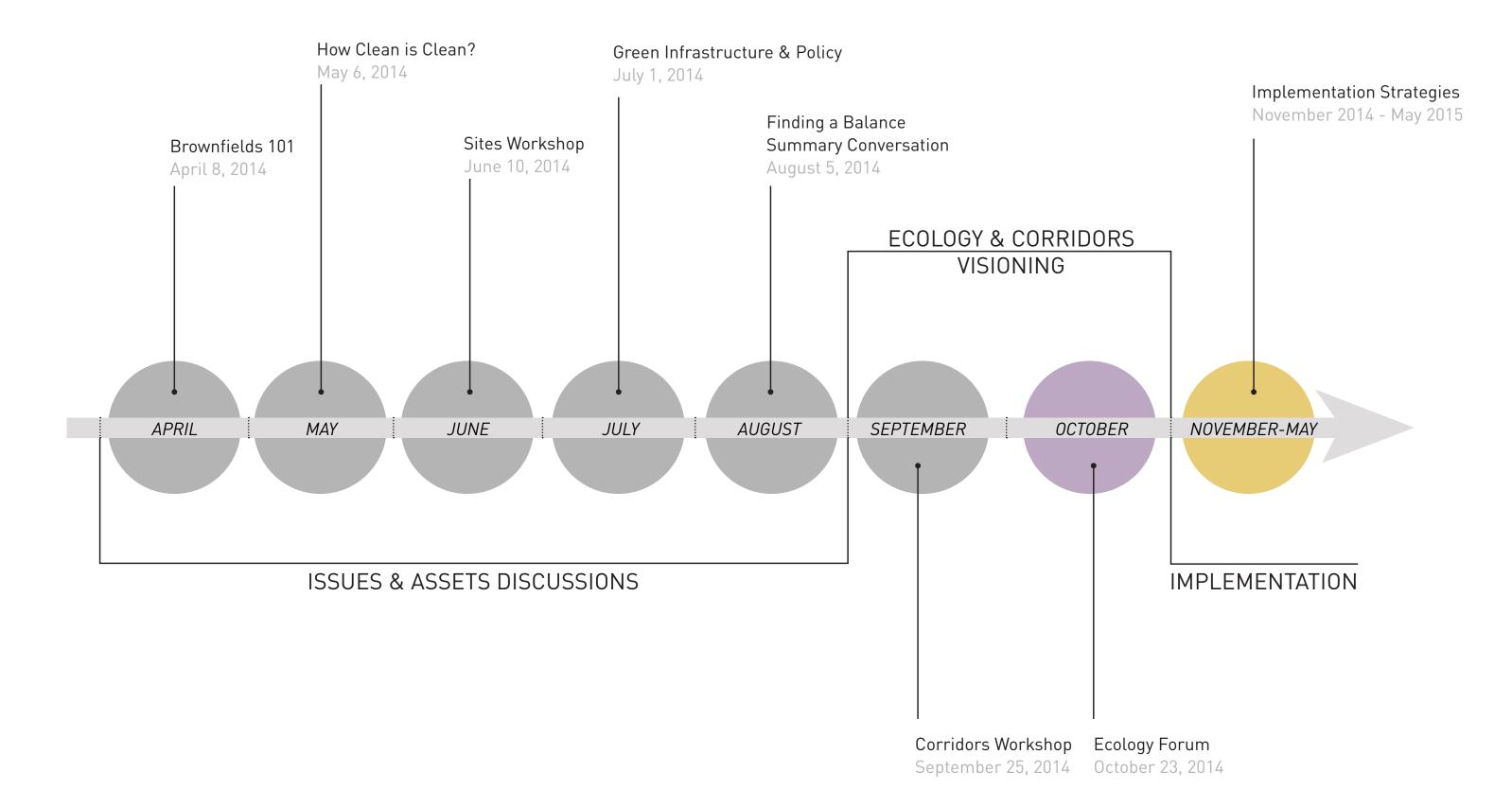




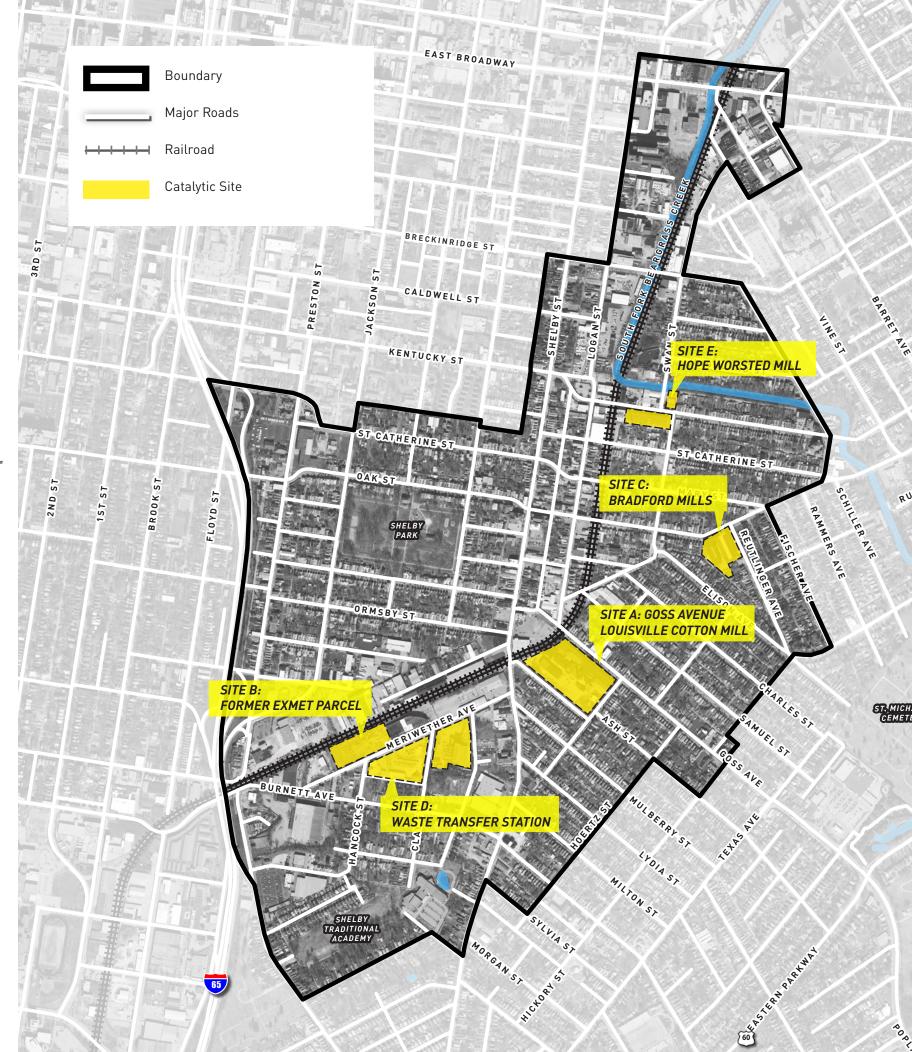
## **PROCESS**



## **STUDY AREA**

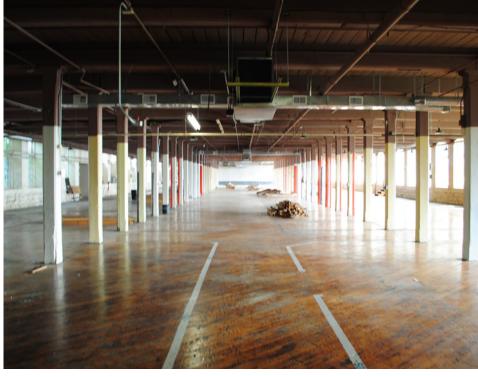
#### **652 ACRES:**

- LOCATED EAST OF 1-65 ALONG THE "SHORT-LINE RAIL CORRIDOR
- LONG HISTORY OF INDUSTRY THAT IS EVIDENT THROUGH CURRENT BUSINESSES AND ARTIFACTS
- TIGHTLY KNIT NEIGHBORHOOD FABRIC
- 5 IDENTIFIED CATALYTIC SITES [YELLOW]



#### **LOUISVILLE COTTON MILL**





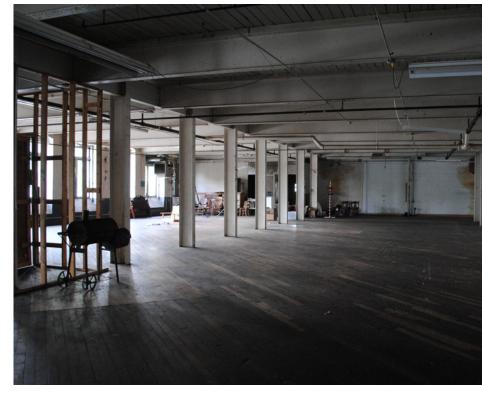
# HOPE WORSTED MILL & BLUEBIRD PIE FACTORY





**BRADFORD MILLS** 





#### **WASTE TRANSFER & EXMET**

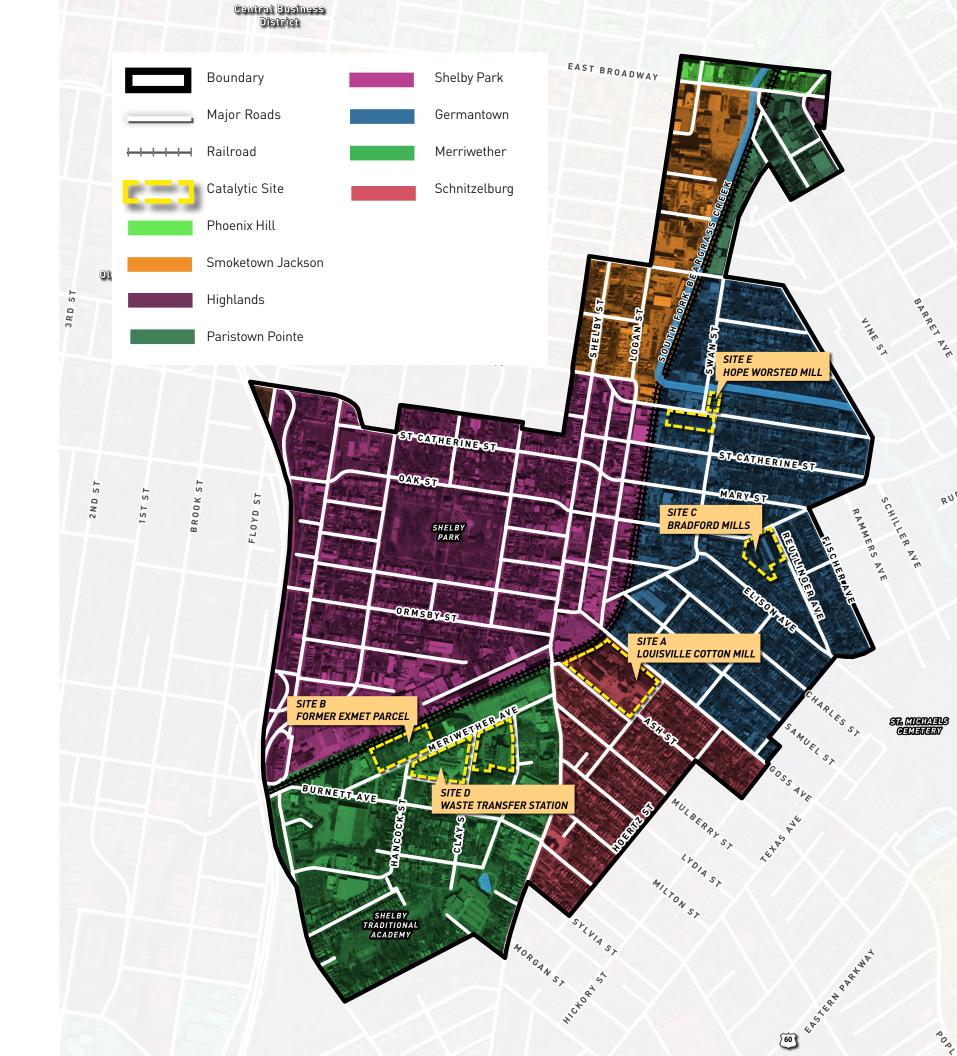




## **STUDY AREA**

#### A CONFLUENCE OF NEIGHBORHOODS

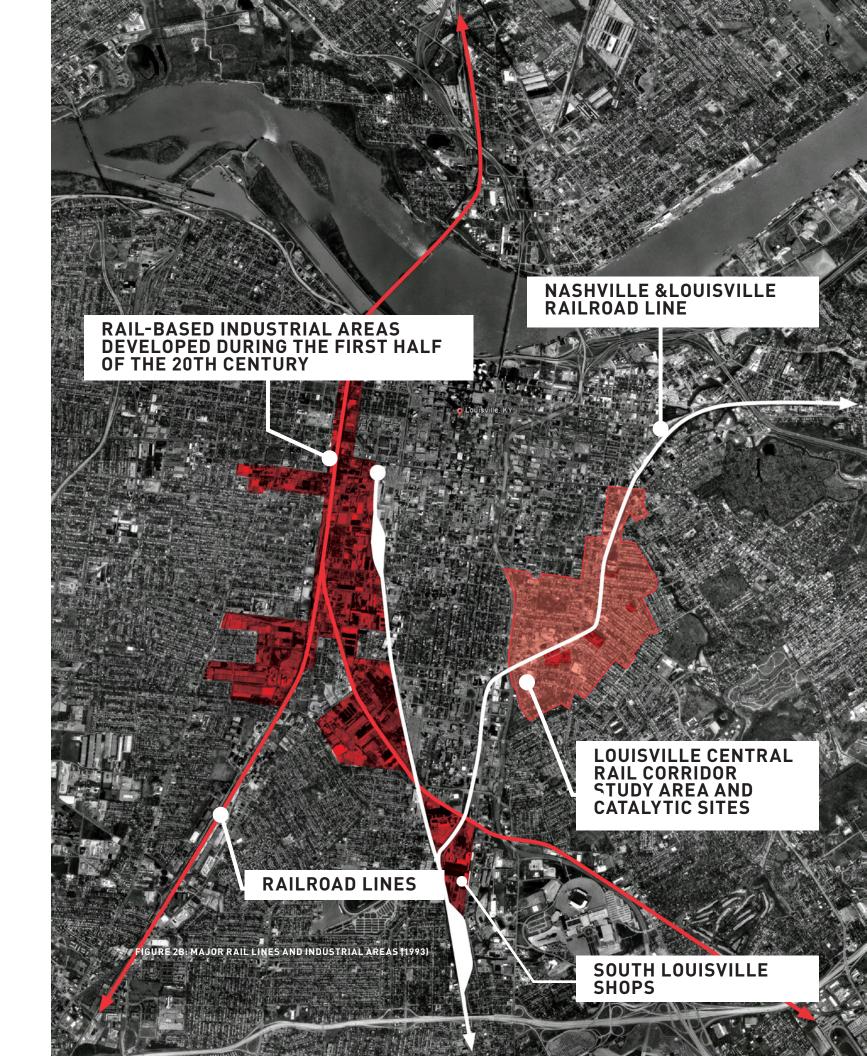
- GERMANTOWN
- SHELBY PARK
- MERIWETHER
- SCHNITZELBURG
- PARISTOWN POINTE
- HIGHLANDS
- PHOENIX HILL
- SMOKETOWN



### A HISTORIC LEGACY

#### LOUISVILLE'S INDUSTRIAL PAST

- SEVEN MAJOR RAILROADS TRAVERSED LOUISVILLE
- HOME TO LOUISVILLE & NASHVILLE HEADQUARTERS
- RAIL-BASED AREAS DEVELOPED DURING THE FIRST HALF OF 20TH CENTURY
- NEIGHBORHOODS DETERMINED BY ALIGNMENT OF TRACKS AND LAND USES



## A HISTORIC LEGACY



FORMER BALLARD & BALLARD MILL, 912 EAST BROADWAY - 1919



**EXISTING BRADFORD MILLS** 



FORMER SCHAEFER-MEYER BREWERY, 800 LOGAN STREET - 1920



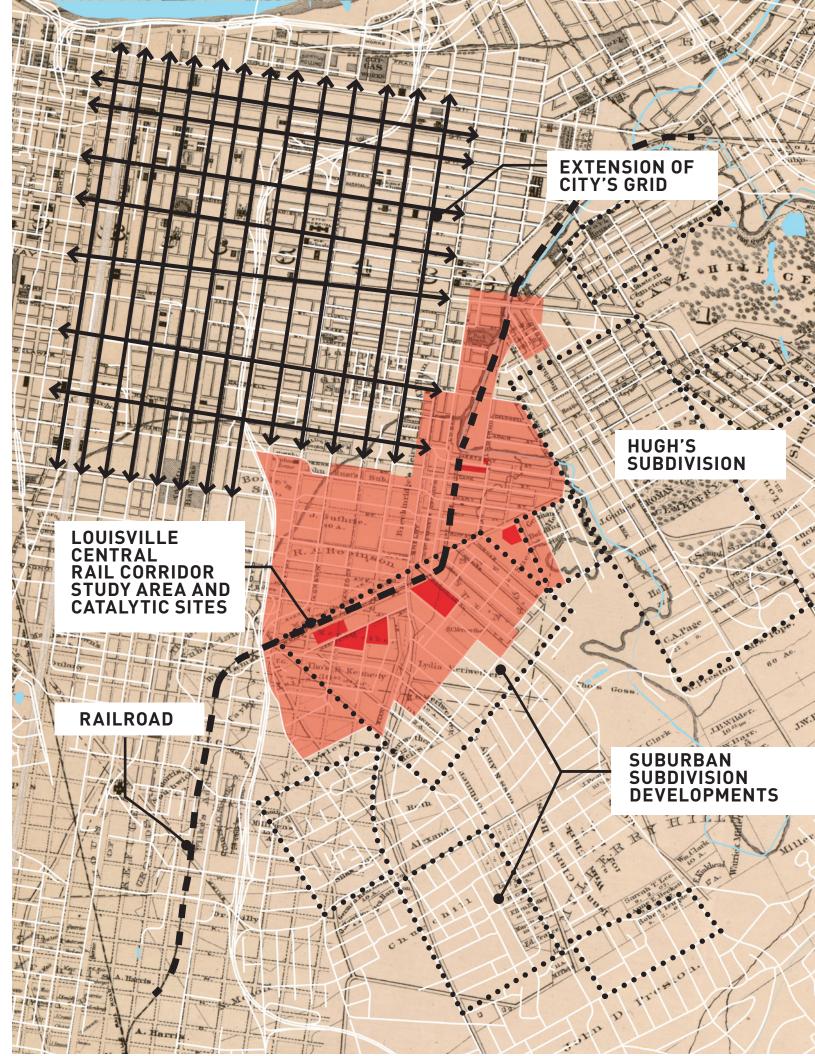
HENRY PILCHER'S SONS, 901-924 MASON STREET



BEARGRASS CREEK WITH HOPE WORSTED MILL, VIEW FROM 980 LOGAN STREET, 1930S



ST. BERNARD COAL COMPANY (CUMBERLAND ELKHORN COAL & COKE), 950 SWAN STREET







- 1. BROWNFIELDS 101
- 2. HOW CLEAN IS CLEAN?
- 3. SITES WORKSHOP
- 4. GREEN INFRASTRUCTURE
- 5. SUMMARY CONVERSATION

## **RECAP**











## **RECAP: CORRIDORS VISIONING**

"Germantown Park."

"Traffic calming on Goss."

"Greenspace/park under the tracks (potential hazard) but would be fun!"

"Please leave as they are now, with bike lanes, they are traffic calming. Would need to remove parking if you want bike lanes."

"[Basin] surrounded this new structure w/ green space a walking path around it would be nice."



# ECOLOGY FORUM - OCT 23, 2014 RESOURCE TEAM TAKEAWAYS

#### **BEARGRASS CREEK**

LONG TERM - BEARGRASS CREEKS POTENTIAL AS A COMMUNITY/ECOLOGICAL ASSET

SHORT TERM OPPORTUNITY WITH THE MSD BASIN FOR IMPROVEMENT AND EDUCATION

#### **CATALYTIC SITES & CORRIDORS**

LONG TERM - CREATE A PROCEDURAL FRAMEWORK
TO STREAMLINE ADAPTIVE RE-USE PROJECTS

SHORT TERM - IMPROVEMENTS TO GOSS AVENUE

#### RESOURCE RECOVERY DISTRICT

LONG TERM - HIGHLY VISIBLE GREEN JOBS / GREEN PRACTICES DISTRICT

SHORT TERM - POSSIBLE RELOCATION OF RECYCLING DROP-OFF AND RE-USE STUDY FOR INCINERATOR





## **LAND USE**

# HIGHLY RESIDENTIAL AND INDUSTRIAL, PERCENT OF TOTAL LAND AREA

• SINGLE-FAMILY: 34.1%

• [RIGHT-OF-WAY: 27%]

• INDUSTRY: 13.5%

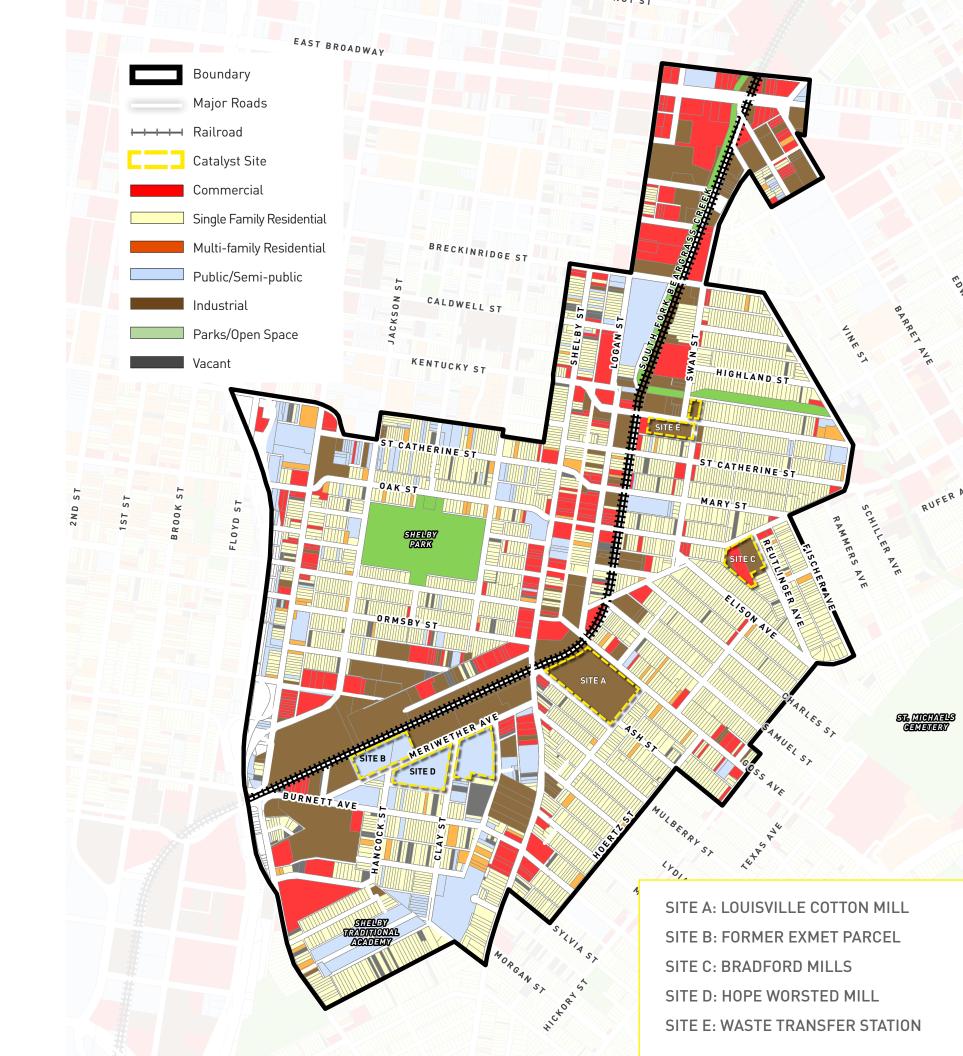
• COMMERCIAL: 9.9%

• PUBLIC & SEMI-PUBLIC: 8.6%

• PARKS & OPEN SPACE: 3.6%

• VACANT: 1.7%

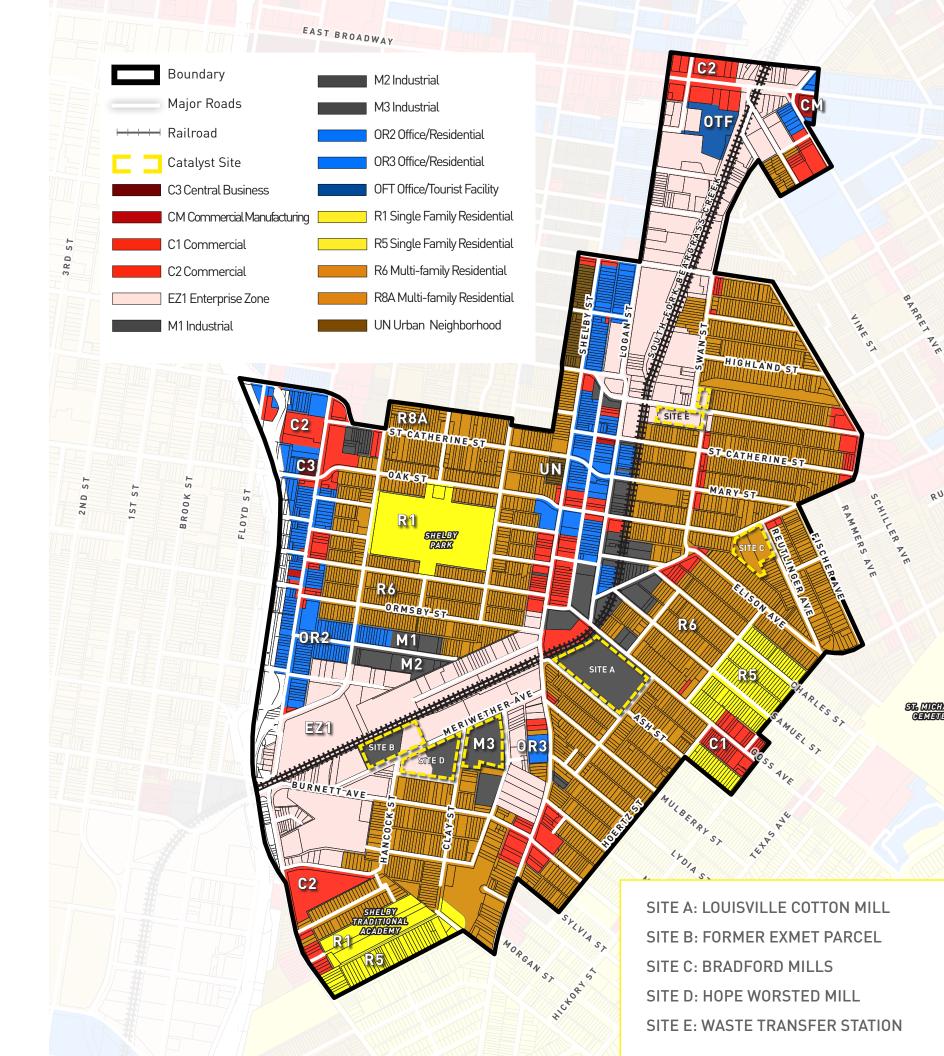
• MULTI-FAMILY: 1.6%



### ZONING

## ZONED FOR INCREASED DENSITY & ENTERPRISE:

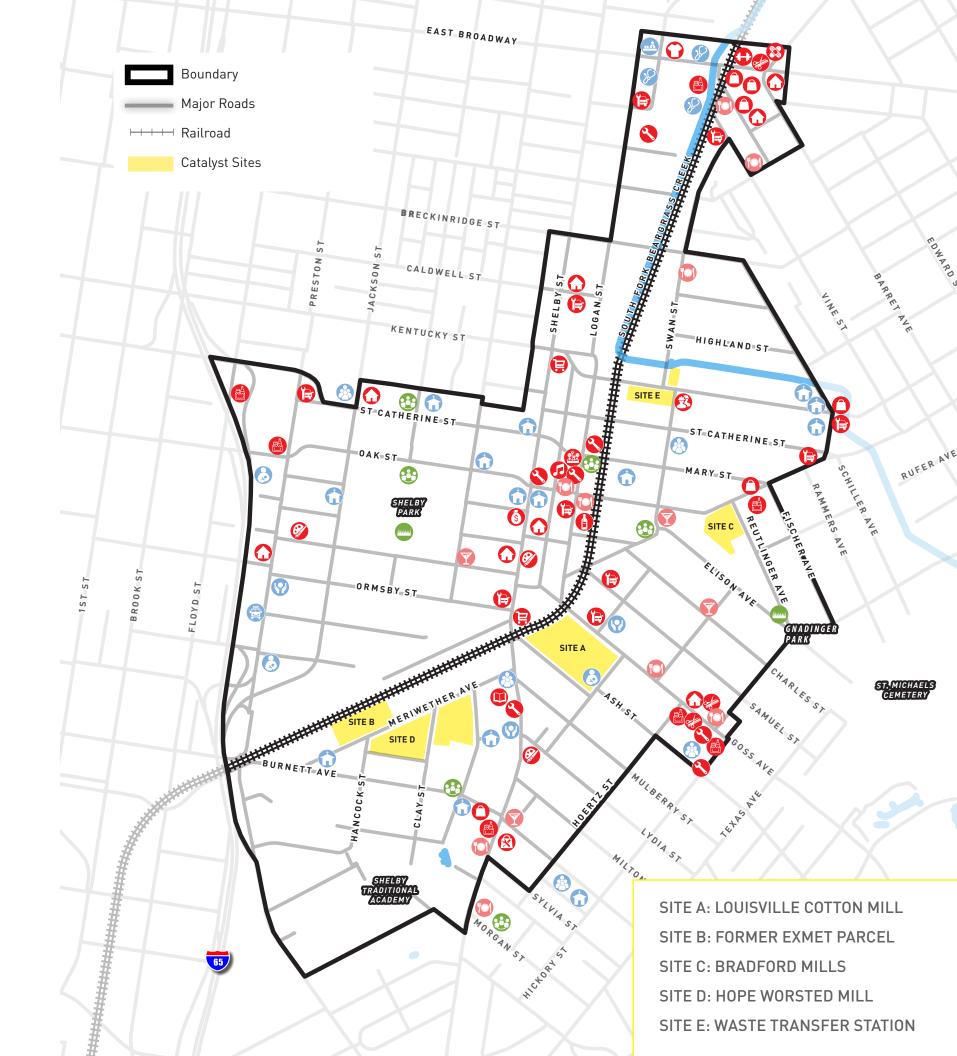
- **MULTI-FAMILY:** 44.3%
  - R6, R7, R8A
- ENTERPRISE ZONE: 20.7%
  - EZ1
- COMMERCIAL: 9.33%
  - C1, C2, C3
- SINGLE-FAMILY: 7.8%
  - R1, R5
- INDUSTRIAL: 7%
  - M1, M2, M3, CM
- **OFFICE:** 8%
  - OR2, OR3, OTF



## **ASSETS**

#### **IDENTIFIED KEY ASSETS AND SERVICES:**

- COMMERCIAL
- OPEN SPACE
- INSTITUTIONAL / OFFICE



## **INDUSTRY**

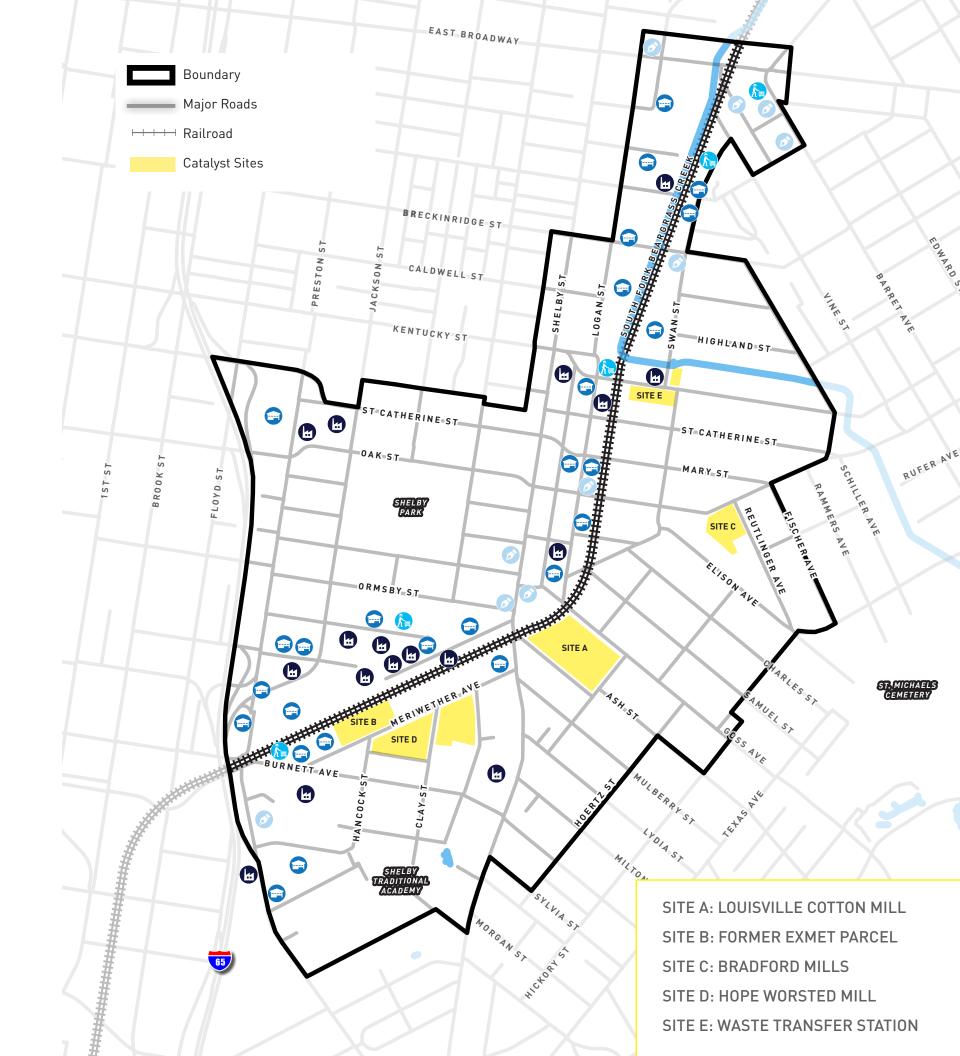
#### **IDENTIFIED INDUSTRY:**











## VEHICULAR TRANSPORTATION NETWORK

# CONNECTIVITY, WAYFINDING, AND SAFETY ISSUES

#### **ONE-WAY STREETS:**

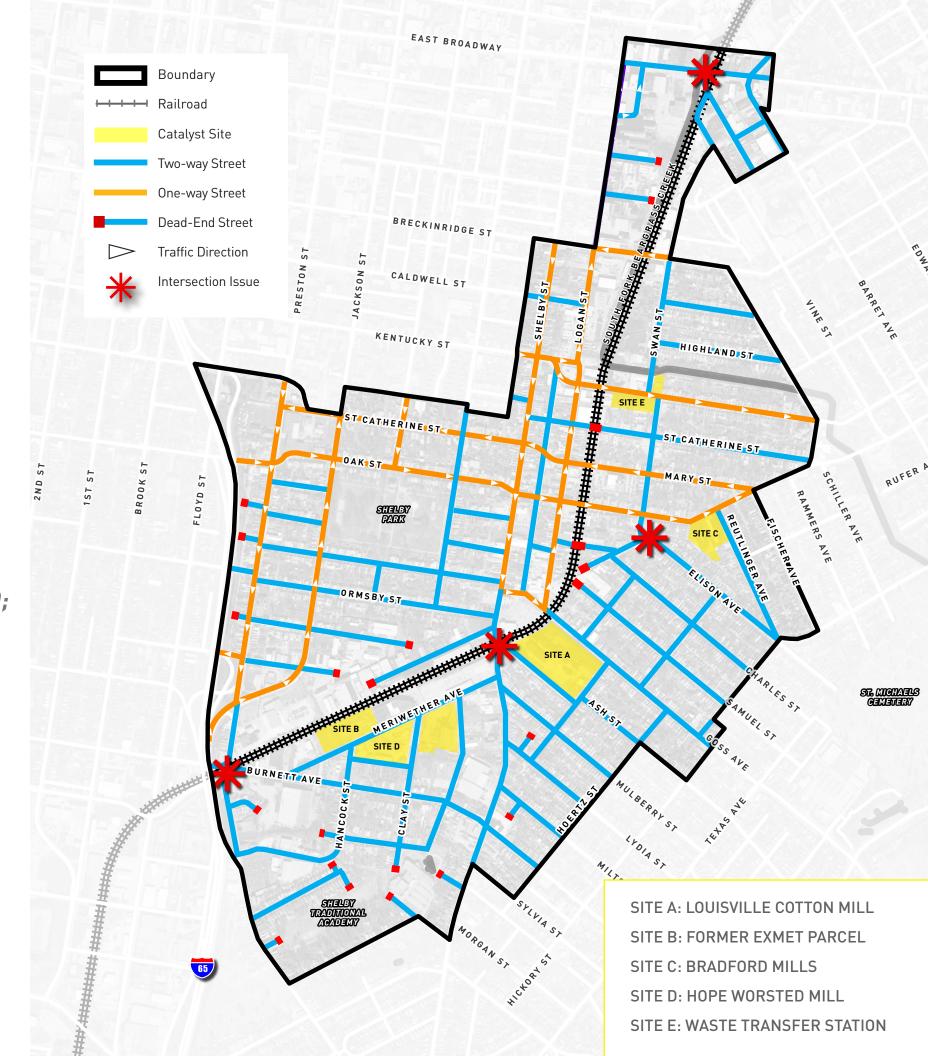
- SHELBY STREET / LOGAN STREET
- ST. CATHERINE STREET / OAK STREET
- PRESTON STREET / JACKSON STREET

#### DEAD-END STREETS / RAILROAD:

- LACK OF CONNECTIVITY ALONG RAILROAD; SPECIALLY SOUTHWEST PORTION OF CORRIDOR
- PEDESTRIAN CONNECTIONS MISSING

## INTERSECTION AND AT-GRADE CROSSINGS ISSUES:

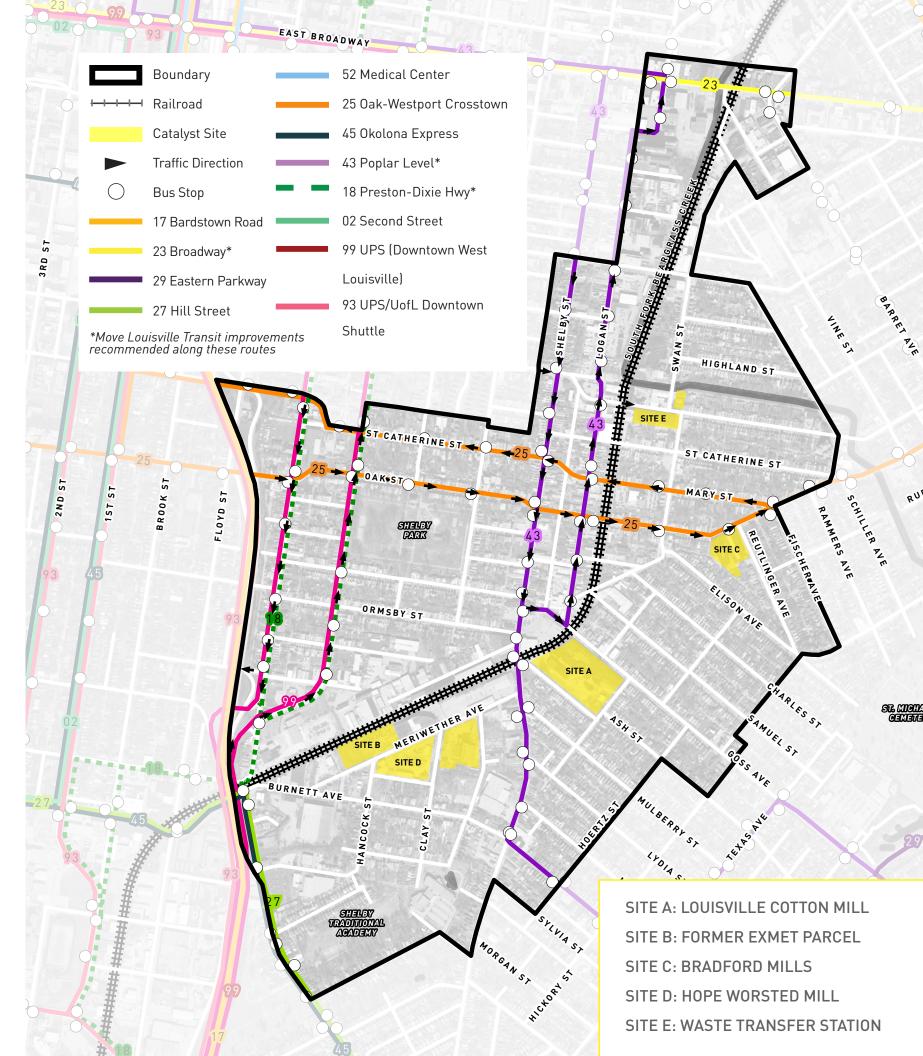
- ELISON AVENUE / DANDRIDGE AVENUE
- S.SHELBY STREET / BERGMAN STREET / ASH STREET
- E.BURNETT AVENUE / S.PRESTON STREET
- E. BROADWAY / BRENT STREET



### TRANSIT NETWORK

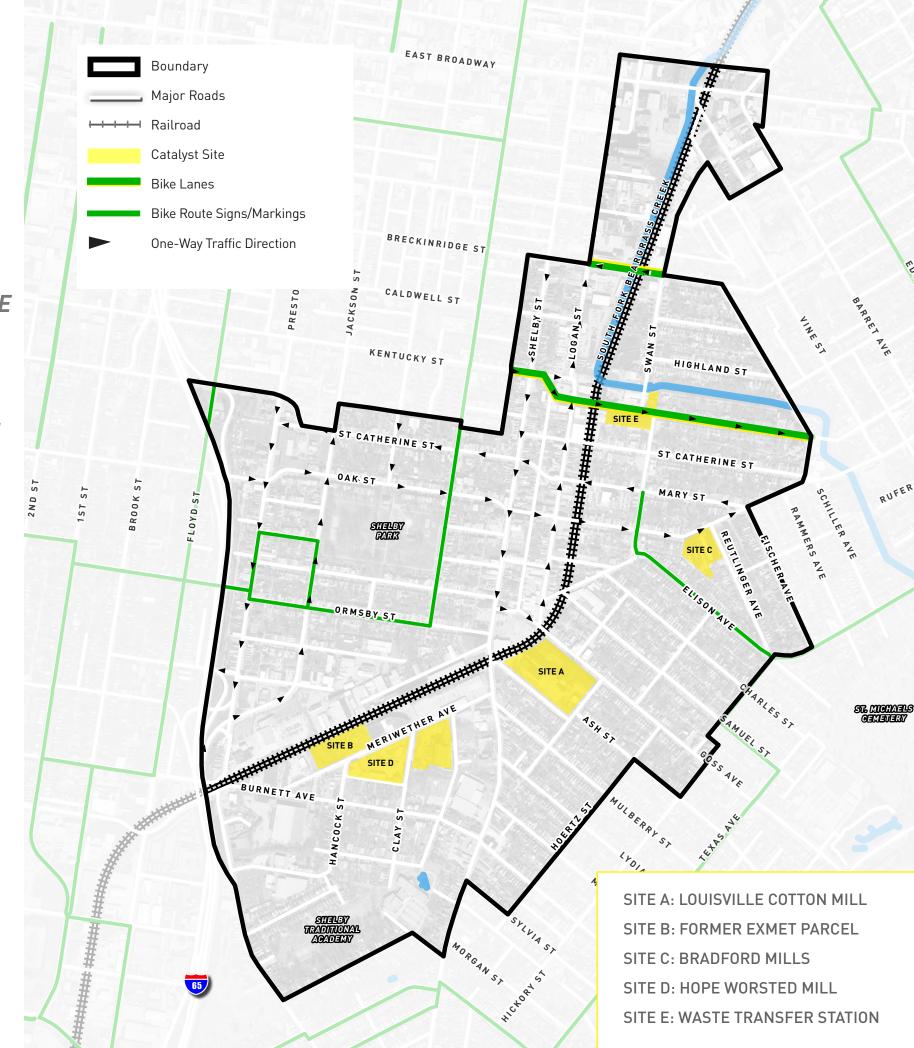
## MOVE LOUISVILLE PLANNED TRANSIT PROJECTS

- ROUTE 18 PRESTON: FREQUENT TRANSIT SERVICE, INCREASED FREQUENCY
- COMPLETE STREET RETROFIT OF BROADWAY CORRIDOR: BUS RAPID TRANSIT, CYCLE TRACK, SIDEWALK IMPROVEMENTS, ETC.
- ROUTE 43 POPLAR: MODIFIED LOCAL SERVICE



### **BIKE NETWORK**

- IN 2014 KENTUCKY AND BRECKINRIDGE WERE RESTRIPED WITH BIKE LANES
- MOVE LOUISVILLE RECOMMENDS A BIKE
  LANE ALONG PRESTON STREET AS A FUTURE
  PROJECT
- LOW-COST WAYFINDING SIGNAGE IS
  RECOMMENDED FOR EXISTING BICYCLE
  ROUTES
- EVALUATION OF SIGNALS AND CROSSWALKS FOR CYCLIST TO ENSURE SAFETY



### MARKET OPPORTUNITIES

- Corridor is underserved by existing retail
- Large majority of residents spend their dollars outside the area
- Market conditions indicate pent-up demand for additional retail
- Opportunity for the neighborhoods to capture some portion of that spending
- Opportunity to recapture retail "leakage" changes based on location, brand recognition, competition within the market, and accessibility

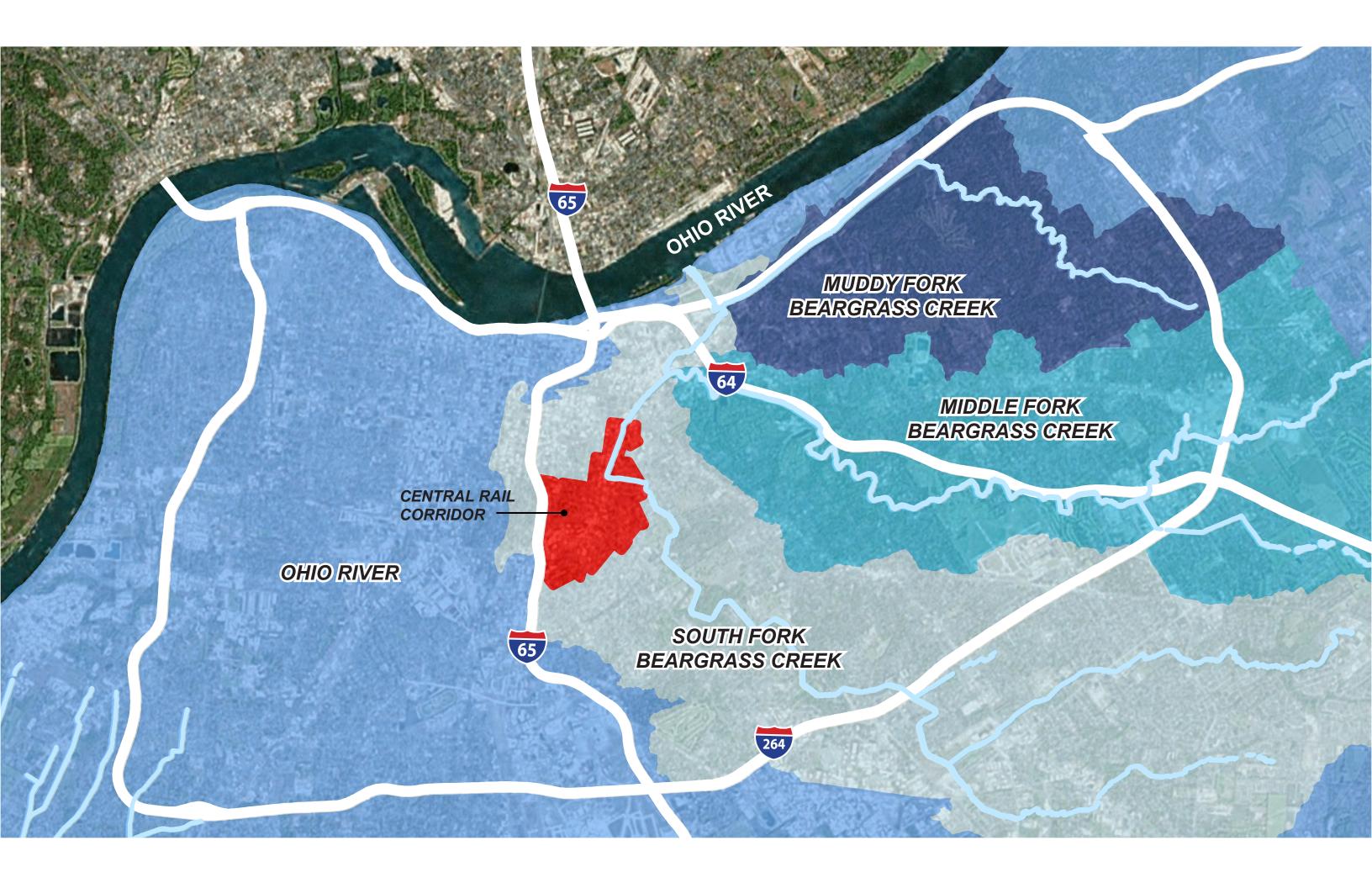


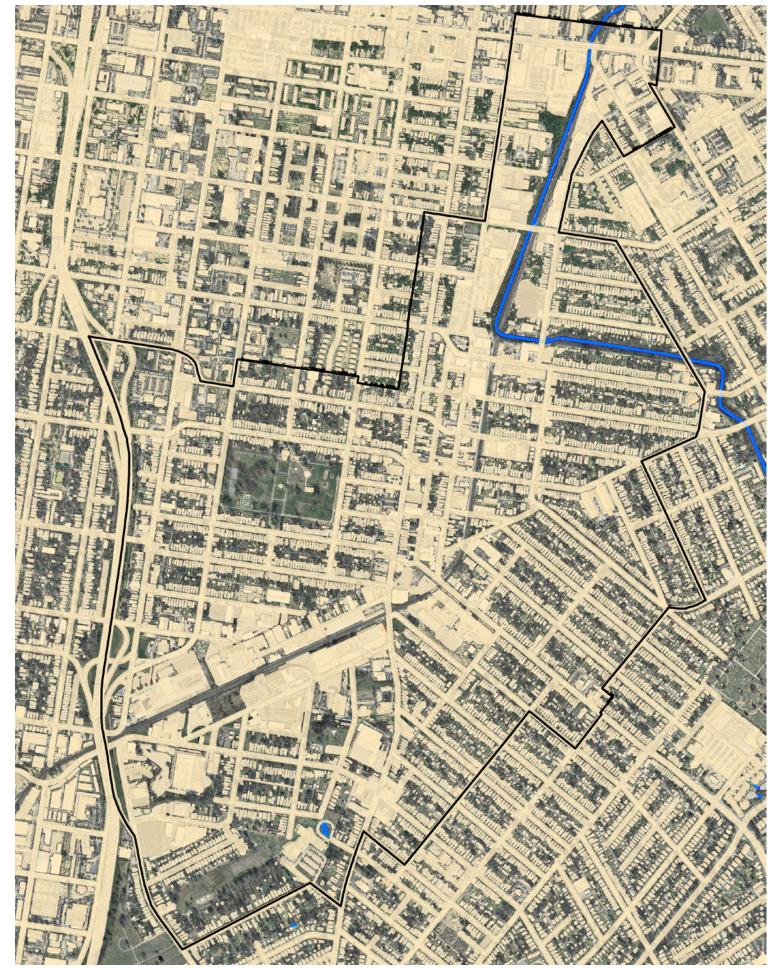


#### PLANNING STRATEGIES

- 1. RESTORING NATURAL ECOSYSTEMS
- 2. IMPROVING AREA-WIDE NETWORKS OF CIRCULATION AND OPEN SPACE
- 3. IDENTIFYING, REMEDIATING AND REDEVELOPING BROWNFIELD SITES









EXISTING IMPERVIOUS SURFACE EXISTING TREE COVERAGE

#### **BEARGRASS CREEK**

- 1) Reduce stormwater runoff and combined sewer overflows to provide suitable aquatic habitat conditions for long-term creek restoration
- 2) Work with MSD to enhance the design of the planned basin at Logan Street and Breckinridge Street and create usable open space
- 3) Over time, strive to restore Beargrass
  Creek to a more natural system by
  restoring natural features along the
  channel corridor and removing limited
  concrete in the channel floor for natural
  substrate and vegetation





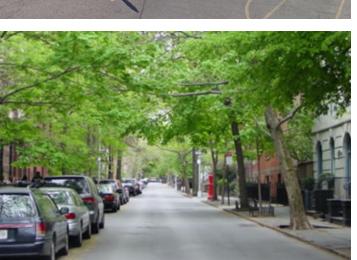


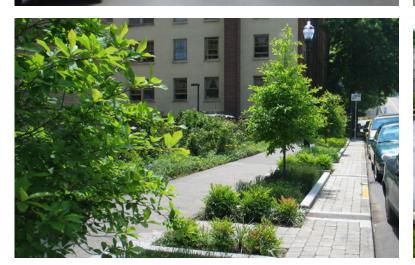
#### GREENING THE CENTRAL RAIL CORRIDOR

#### 4) Incorporate green strategies:

- Reduce stormwater runoff and combined sewer overflows to provide suitable aquatic habitat conditions for long-term creek restoration
- Install and prioritize green infrastructure over grey infrastructure
- Implement the Floodplain Management Ordinance for a 25' natural buffer along Beargrass Creek
- Incorporate small-scale green strategies such as landscaping, rain gardens, and rain barrels
- 5) Increase tree canopy when possible on both public and private land and coordinate with the Urban Heat Island Project initiative
- 6) Identify vacant parcels and underutilized areas to convert them into green spaces temporarily









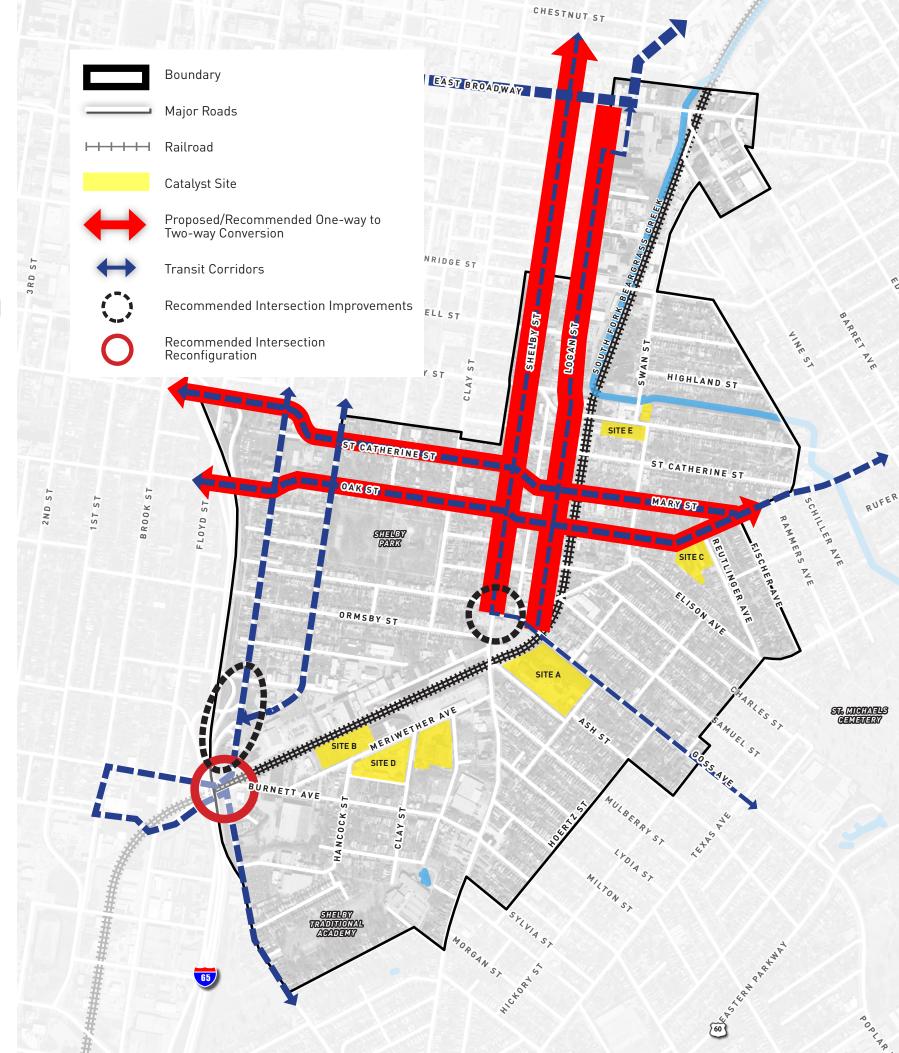






## **CIRCULATION**

- 1) Implement traffic improvements
- Convert one-way streets to two-way
- Improve intersection at Preston Street and I-65 Exit ramp
- 2) Improve bus stops
- 3) Implement Streetscape Improvements
- Logan Street
- Shelby Street
- Broadway
- Goss Avenue
- Dandridge Avenue, Steve Magre Alley, Bergman Street, Hancock Street and Clay Street as green corridors as part of Open Space Framework.







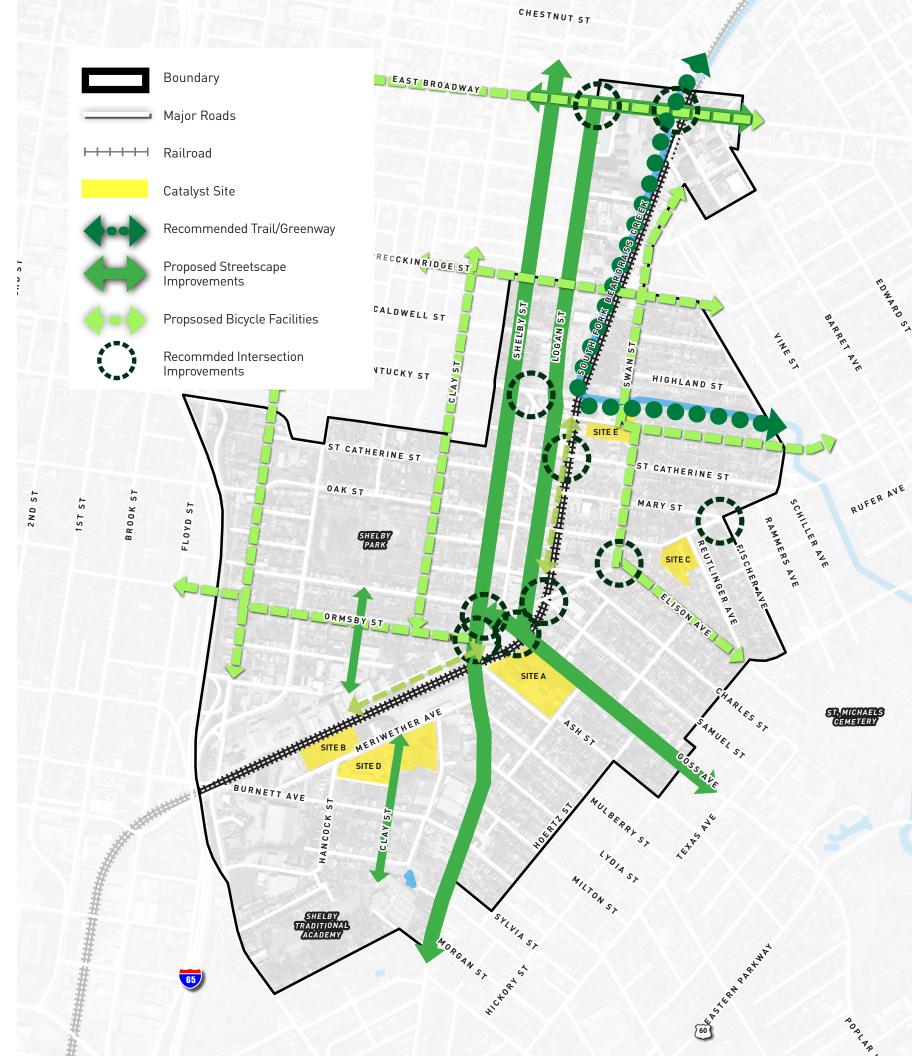
### **CIRCULATION**

#### 4) Complete the bike network

- Broadway
- Breckinridge Street
- Kentucky Street
- Ormsby Street
- Swan Street
- Elison Avenue
- Clay Street
- Preston Street

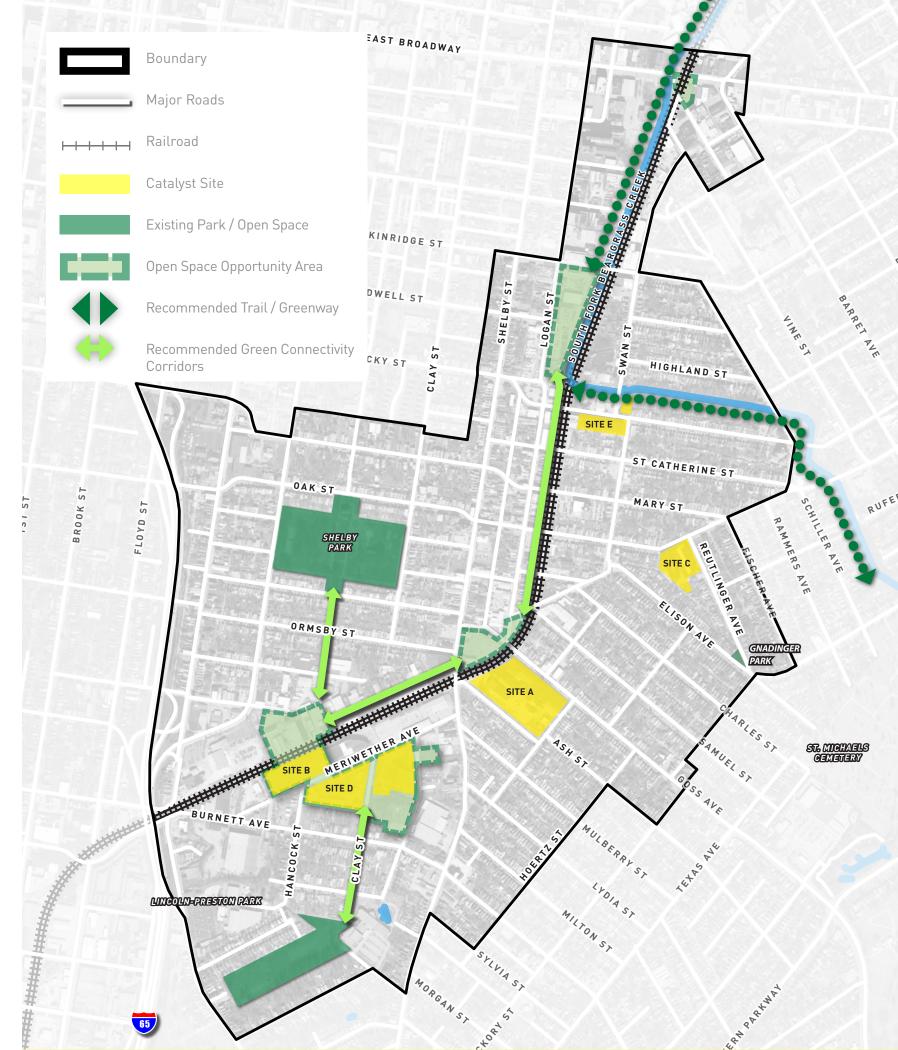
# 5) Implement intersection improvements for pedestrian safety

- Shelby Street & Ormsby Street
- Shelby Street & Goss Avenue
- Logan Street & Goss Avenue
- Samuel Steet & Dandridge Avenue connection
- Ellison Avenue, Swan Street & Dandridge Avenue
- Fischer Avenue, Oak Street & Mary Street
- Logan Street & Kentucky Street
- St. Catherine Street connection across railroad at Steve Marge Alley
- Logan Street & Broadway
- Broadway & Brent Street/Overpass



## **OPEN SPACE**

- 6) Better utilize and improve existing open spaces:
  - Implementing Shelby Park's master plan
  - Considering additional programming and publicly-accessible facilities for Lincoln-Preston Park.
- 7) Develop new small-scale open spaces; such as:
  - The MSD basin project at Logan Street and Breckenridge Street;
  - Catalyst Sites B and D which includes adjacent vacant and available property;
  - The paved storage area at the intersection of Goss and Logan which presents a long-term opportunity.
  - Othersmall-scale leftover unclaimed spaces
- 8) Create a network of greenways to connect the existing and proposed open spaces including a new trail along Beargrass Creek
- 9) Incorporate usable open space into new larger-scale developments

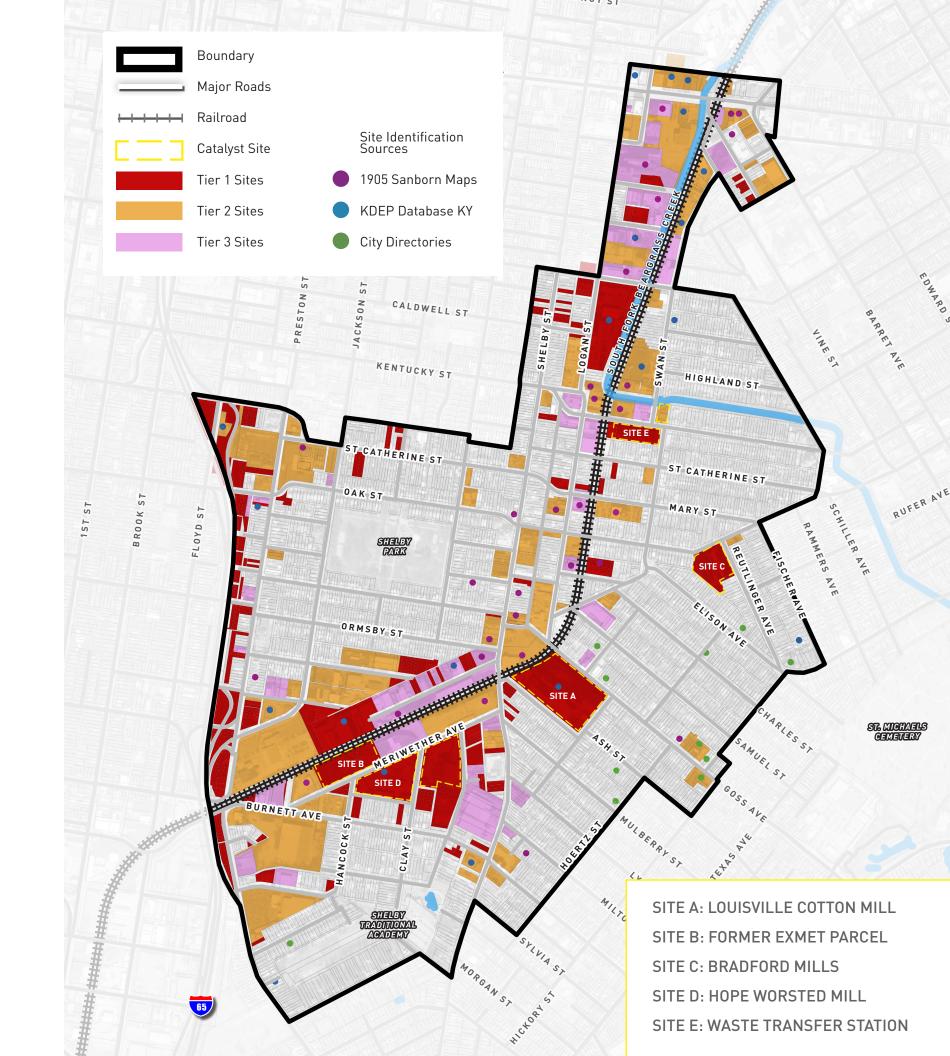




# **DEVELOPMENT OPPORTUNITIES**

## KEY INFILL AND SITE REINVESTMENT OPPORTUNITIES

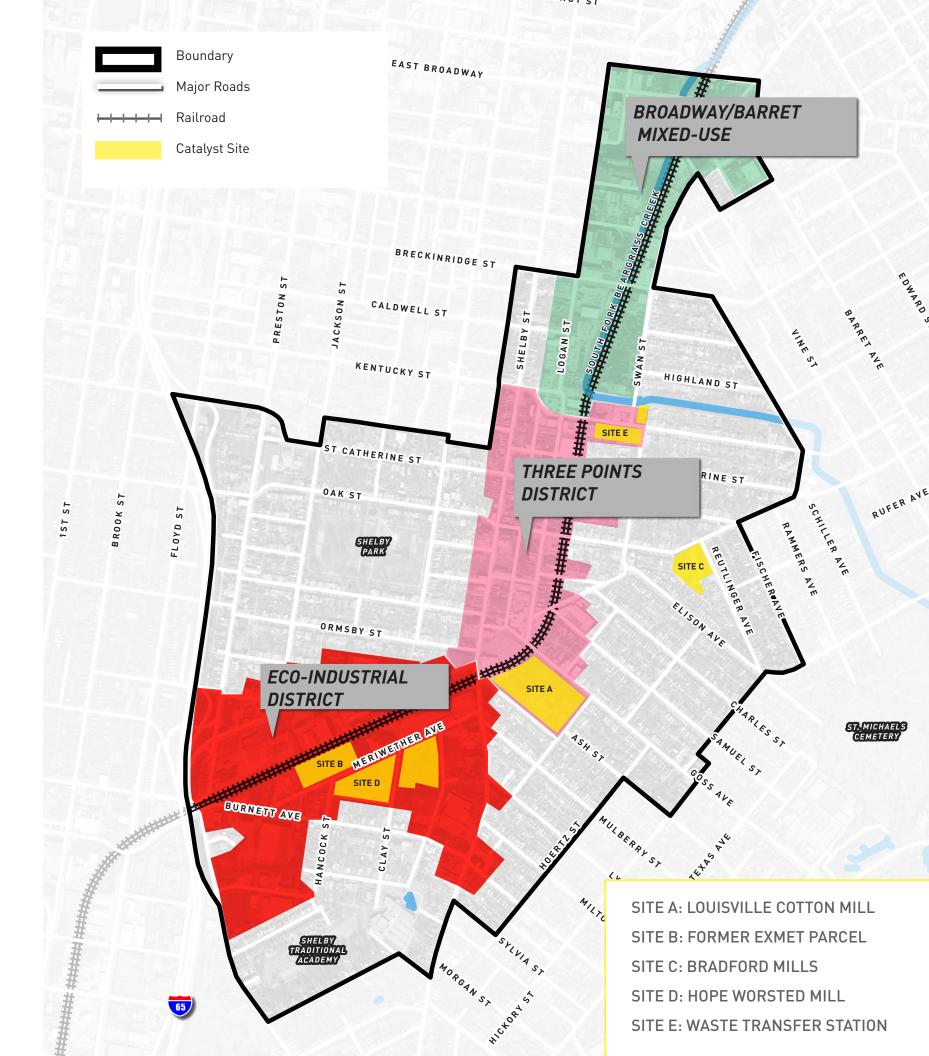
- TIER 1:
  INFILL REDEVELOPMENT OPPORTUNITY
- TIER 2:
  MID-TERM INFILL OPPORTUNITY
- TIER 3:
  LONG-TERM INFILL/SITE IMPROVEMENT
  OPPORTUNITY



# **DEVELOPMENT DISTRICTS**

## THREE MAJOR DISTRICTS ALONG THE CENTRAL RAIL CORRIDOR:

- BROADWAY/BARRET MIXED-USE DISTRICT
- THREE POINTS DISTRICT
- ECO-INDUSTRIAL DISTRICT



# RECOMMENDATIONS DISTRICTS

- 1) Conduct a planning study for the Broadway/Barret Mixed-Use area that centers on the opportunities of:
  - a. Short-term redevelopment of the Louisville Metro Government Center,
  - b. Long-term future of Paristown Pointe and the East Broadway corridor
  - c. Louisville Stoneware expansion as a larger economic anchor and destination
- 2) Develop a long-term "Main Street" approach and a business association for the Three Points District
- 3) Conduct additional research and planning to identify potential uses for the Eco-Industrial District

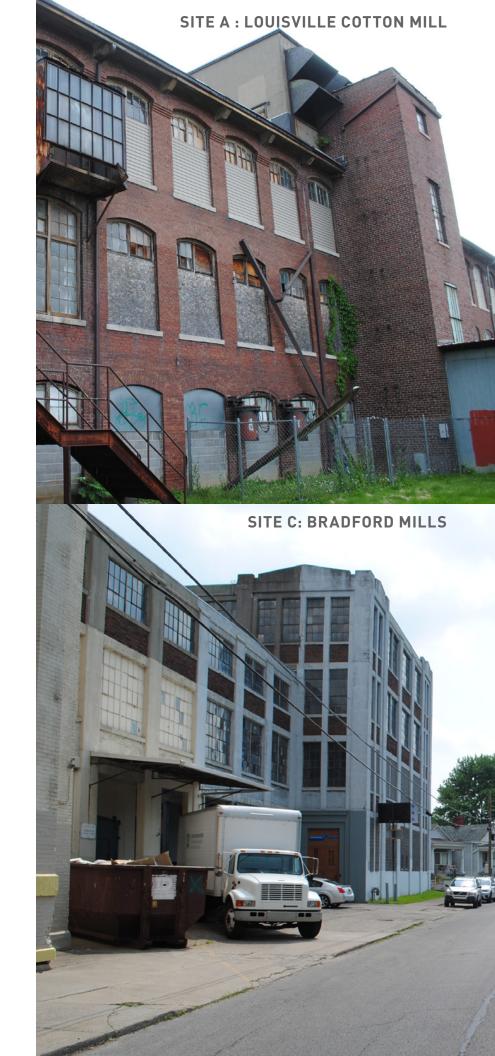






# RECOMMENDATIONS TARGET CATALYST SITES

- 4) Provide support for remediation and redevelopment of the target Catalyst Sites:
  - a. SITE A: Louisville Cotton Mill Proposed use: Mixed-use
    - Continue discussions as construction and redevelopment is completed.
  - b. **SITE B**: The former Exmet site Potential use: Resource Recovery Facitlity
    - Undertake a feasibility study to evaluate the role of the parcel in the plan to convert the existing waste transfer station (Catalyst Site D) into a comprehensive resource recovery facility.
    - Develop a plan to bring this property back to productive use as a waste recycling center or assist in identifying a developer for use as a potential flexible industrial space.



# RECOMMENDATIONS TARGET CATALYST SITES

- 4) Provide support for remediation and redevelopment of the target Catalyst Sites:
  - c. SITE C: Bradford Mills
  - Potential use: Mixed-use
  - Provide support for private redevelopment through historic preservation tax credits and other programs as applicable.
  - Evaluate potential traffic pattern alterations to enhance access and redevelopment of surrounding area (i.e. conversion of Oak Street to two-way traffic).
  - d. SITE D: The Waste Transfer Station
  - Potential use: Resource Recovery Park
  - Undertake a feasibility study to determine whether the existing recycling drop-off and solid waste transfer operation could be converted into a comprehensive resource recovery facility
  - Undertake an architectural and engineering assessment of the historic City Incinerator building.
  - e. SITE E: Hope Worsted Mills & Bluebird Pie Factory
  - Potential use: Restaurant / Commercial
  - Provide support for private redevelopment through historic preservation tax credits and other programs as applicable.
  - Assist property owner to obtain additional funding sources for site improvements.





SITE D: WASTE TRANSFER STATION



# RECOMMENDATIONS OTHER BROWNFIELD SITES

- 5) Utilize additional local and state Brownfield programs and grants to continue Brownfield assessment and remediation efforts for additional sites:
  - a. Fehr Cold Storage
  - b. Schaeffer-Meyer Brewery
  - c. 901-929 Mason Street
  - d. 761 Swan Street
  - e. 917 Shelby Parkway
  - f. 500 Bergmann Street
  - g. Vacant parcels around the Waste Transfer Station, including 1401 South Clay Street and 1440 Bland Street



917 SHELBY PARKWAY



FEHR COLD STORAGE, SCHAEFFER-MEYER BREWERY AND MASON STREET



**761 SWAN STREET** 

# RECOMMENDATION: CREATE REDEVELOPMENT HANDBOOK



#### 1. NEIGHBORHOOD

- AWARENESS AND PROMOTION
- EXISTING CONDITIONS
- SITE'S POTENTIAL

#### 2. SITE CONSIDERATIONS

- PROPERTY CONTROL
- SHORT-TERM USES
- STORMWATER
- PARKING
- TRAFFIC / CONNECTIVITY
- OPEN SPACE / LANDSCAPING

#### 3. ENVIRONMENTAL ASSESSMENT/REMEDIATION

#### 4. BUILDING CONSIDERATIONS

- HAZARDOUS MATERIALS
- EXISTING MATERIALS RECOVERY
- BUILDING COMPONENTS

#### 5. FINANCING OPPORTUNITIES

- HISTORIC TAX CREDITS
- NEW MARKET CREDITS
- ENVIRONMENTAL INCENTIVES

#### **6. REGULATORY**

- ENVIRONMENTAL
- LAND USE / HISTORIC / FORM DISTRICT

### **NEXT STEPS**

- Finalize report and recommendations
- Continue community involvement and information sharing
- Publicize progress, by both public and private partners
- Finalize Redevelopment Handbook
- Implement Priority Actions in 3 Planning Strategies

## **PUBLIC INPUT / PLANNING STATIONS**

STATION A
RESTORING NATURAL
ECOSYSTEMS

JRAL IMPROVING AREAWIDE NETWORKS OF
CIRCULATION AND OPEN
SPACE

STATION C
IDENTIFYING,
REMEDIATING AND
REDEVELOPING
BROWNFIELD SITES





