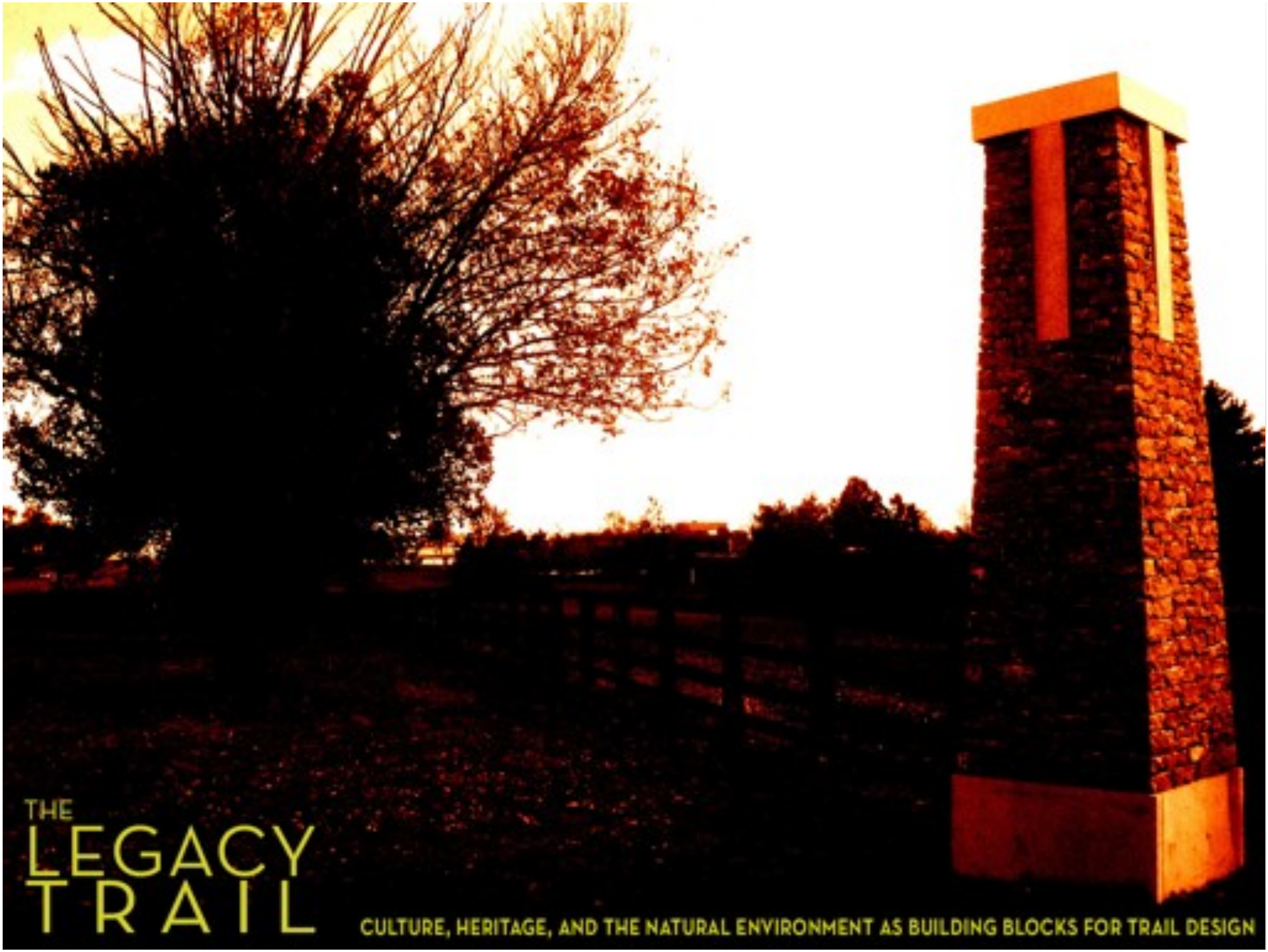


THE LEGACY TRAIL

CULTURE, HERITAGE, AND THE NATURAL ENVIRONMENT AS BUILDING BLOCKS FOR TRAIL DESIGN

DESIGN TEAM

City of Lexington, Kentucky
KEITH LOVAN, P.E.
SENIOR ENGINEER
LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT

Landstory, Inc.
JOANN GREEN, RLA
LANDSCAPE ARCHITECTURE PRINCIPAL

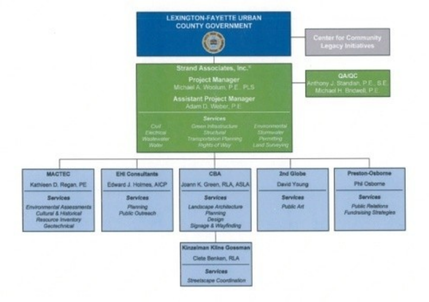
Strand Associates
ADAM WEBER, P.E.
ENGINEERING PROJECT MANAGER

Background

LEXINGTON FAYETTE URBAN COUNTY GOVERNMENT
1775
KENTUCKY

Culture, heritage, and the natural environment as building blocks for trail design

Planning & Design Process


LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT
Center for Community Legacy Initiatives
Strand Associates, Inc.®
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Michael A. Woolum, P.E., PLS
Assistant Project Manager
Adam D. Weber, P.E.
Services
Civil
Electrical
Wastewater
Water
Green Infrastructure
Structural
Transportation Planning
Rights-of-Way
Environmental
Stormwater
Permitting
Land Surveying
QA/QC
Anthony J. Standish, P.E., S.E.
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MACTEC
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Environmental Assessments
Cultural & Historical
Resource Inventory
Geotechnical
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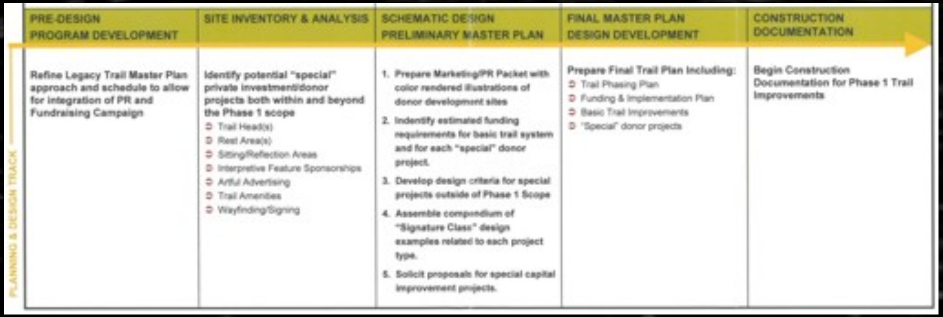
Edward J. Holmes, AICP
Services
Planning
Public Outreach
CBA
Joann K. Green, RLA, ASLA
Services
Landscape Architecture
Planning
Design
Signage & Wayfinding
2nd Globe
David Young
Services
Public Art
Preston-Osborne
Phil Osborne
Services
Public Relations
Fundraising Strategies
Kinzelman Kline Gossman
Clete Benken, RLA
Services
Streetscape Coordination



	PRE-DESIGN PROGRAM DEVELOPMENT	SITE INVENTORY & ANALYSIS	SCHEMATIC DESIGN PRELIMINARY MASTER PLAN	FINAL MASTER PLAN DESIGN DEVELOPMENT	CONSTRUCTION DOCUMENTATION
PLANNING & DESIGN TRACK	Refine Legacy Trail Master Plan approach and schedule to allow for integration of PR and Fundraising Campaign	Identify potential "special" private investment/donor projects both within and beyond the Phase 1 scope ➲ Trail Head(s) ➲ Rest Area(s) ➲ Sitting/Reflection Areas ➲ Interpretive Feature Sponsorships ➲ Artful Advertising ➲ Trail Amenities ➲ Wayfinding/Signing	1. Prepare Marketing/PR Packet with color rendered illustrations of donor development sites 2. Indentify estimated funding requirements for basic trail system and for each "special" donor project. 3. Develop design criteria for special projects outside of Phase 1 Scope 4. Assemble compendium of "Signature Class" design examples related to each project type. 5. Solicit proposals for special capital improvement projects.	Prepare Final Trail Plan Including: ➲ Trail Phasing Plan ➲ Funding & Implementation Plan ➲ Basic Trail Improvements ➲ "Special" donor projects	Begin Construction Documentation for Phase 1 Trail Improvements

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Funding

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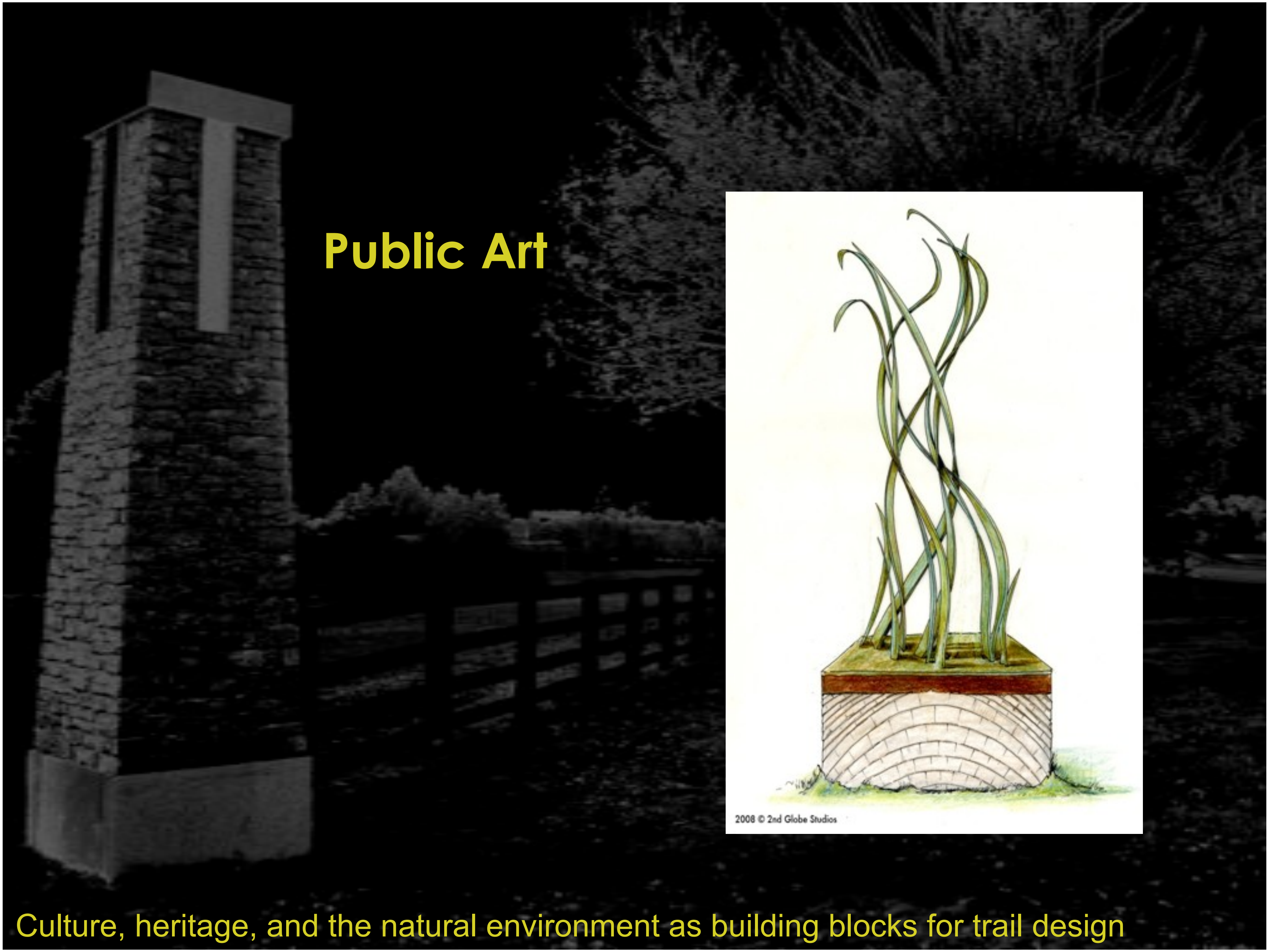
Public Art



2008 © 2nd Globe Studios

Culture, heritage, and the natural environment as building blocks for trail design

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Culture, heritage, and the natural environment as building blocks for trail design

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Pre-Planning

LEGACY
AIL CORRIDOR

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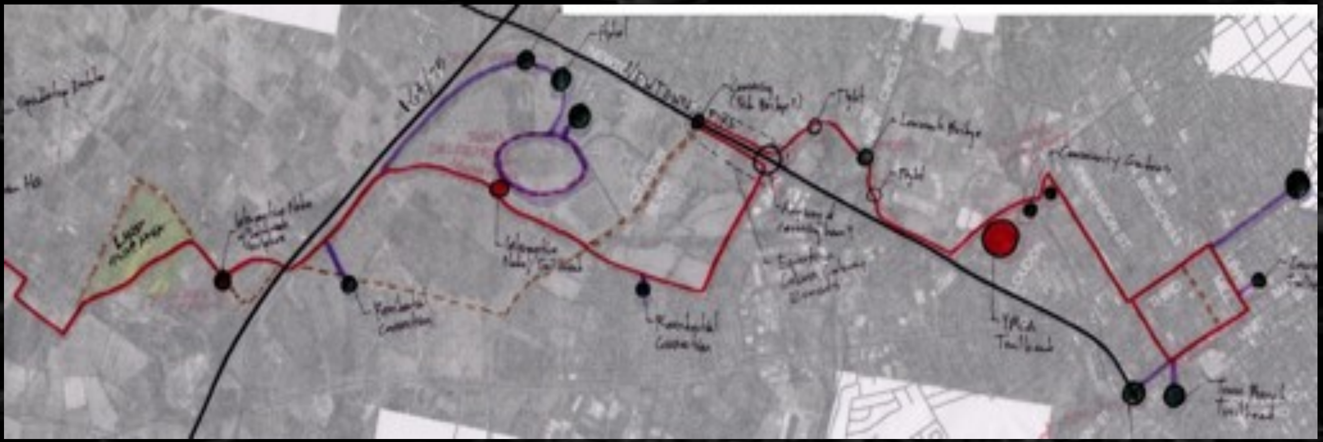
Alignment


Hotel
NEWTOWN PIKE
Landmark Bridge
Community Gardens
Residential Connection
Residential Connection
YMCA Trailhead
Town Branch Trailhead

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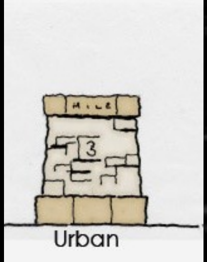
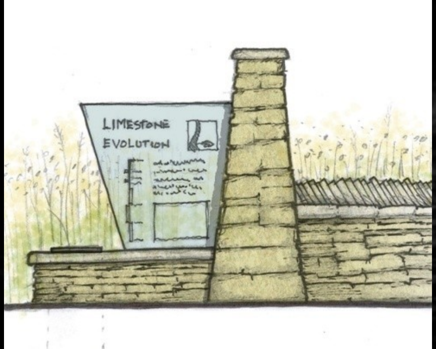
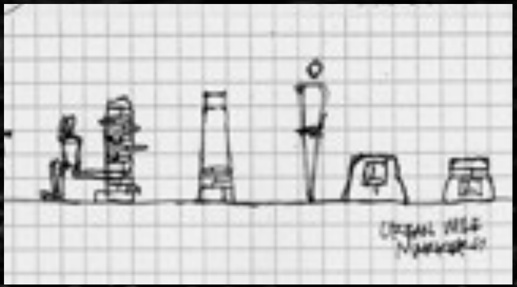
Design Vernacular


MILE
3
Urban


LIMESTONE
EVOLUTION


URBAN MILE
MARKERS?

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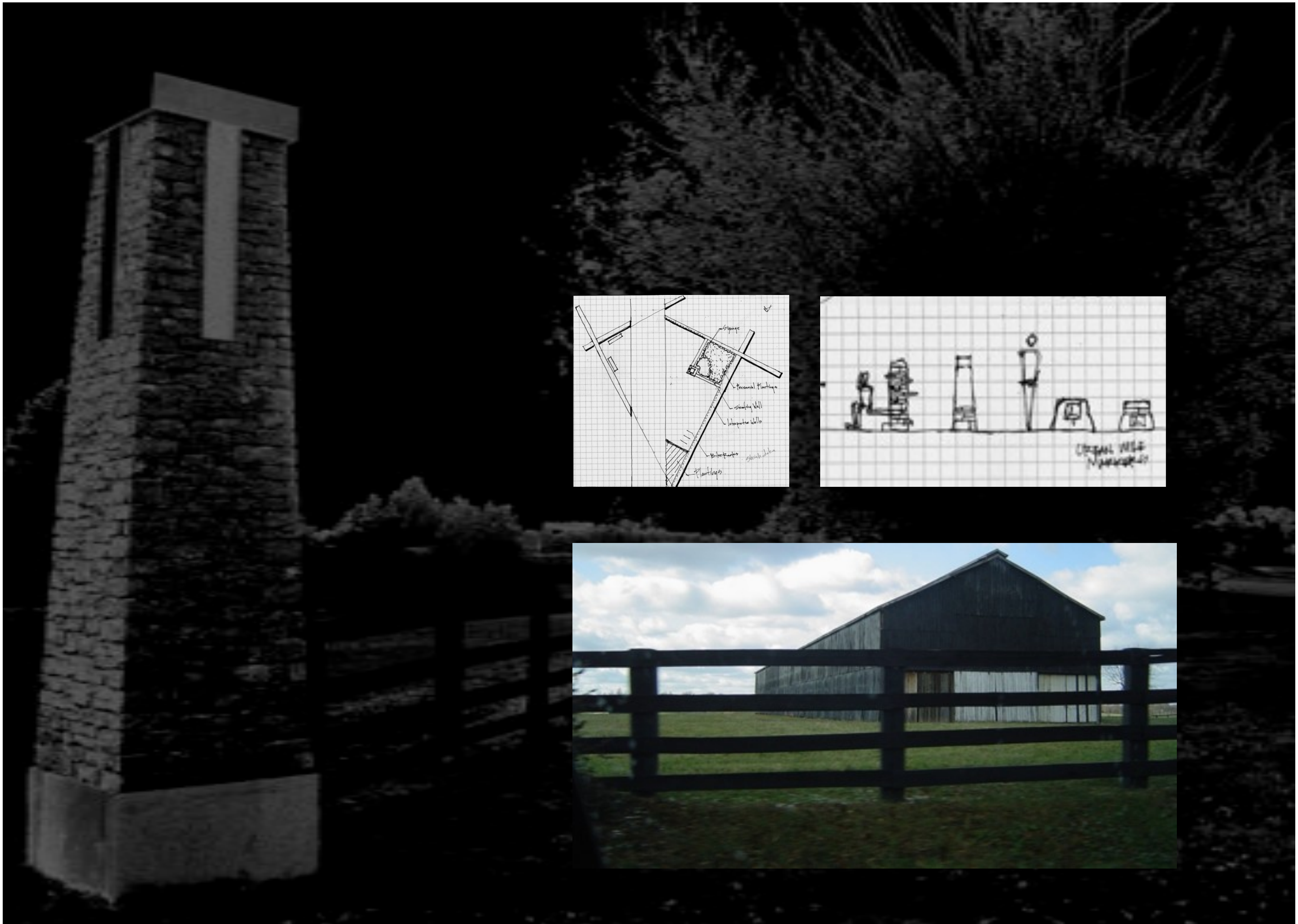
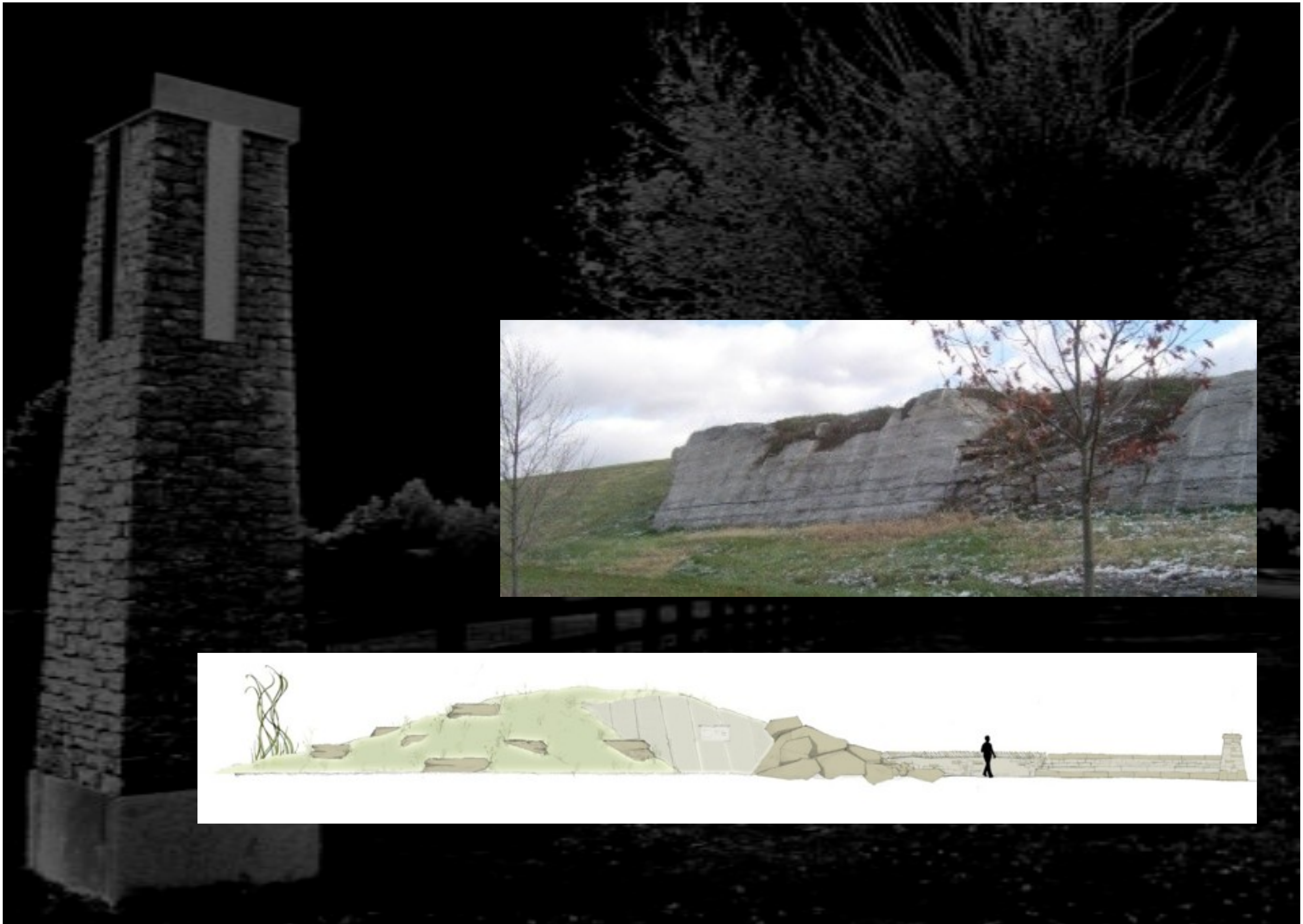
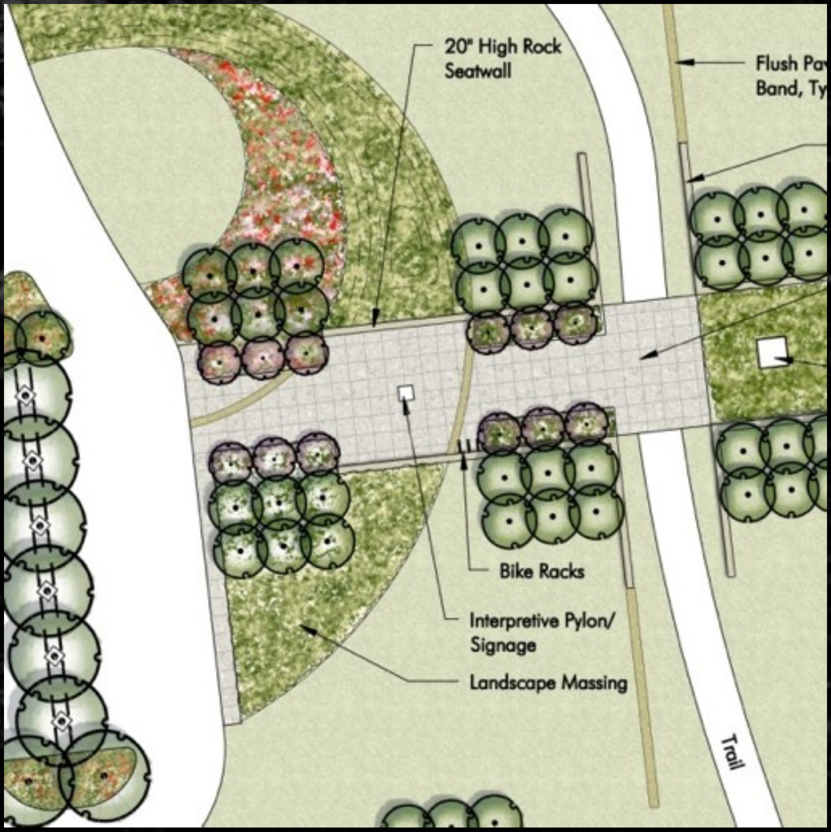

Signage
Perennial Plantings
Seating Wall
Interpretive Walls
Bike Racks
Plantings
URBAN WILD MARKERS

Culture, heritage, and the natural environment as building blocks for trail design



Culture, heritage, and the natural environment as building blocks for trail design

Design


20" High Rock
Seatwall
Flush Pa
Band, Ty
Bike Racks
Interpretive Pylon/
Signage
Landscape Massing
Trail

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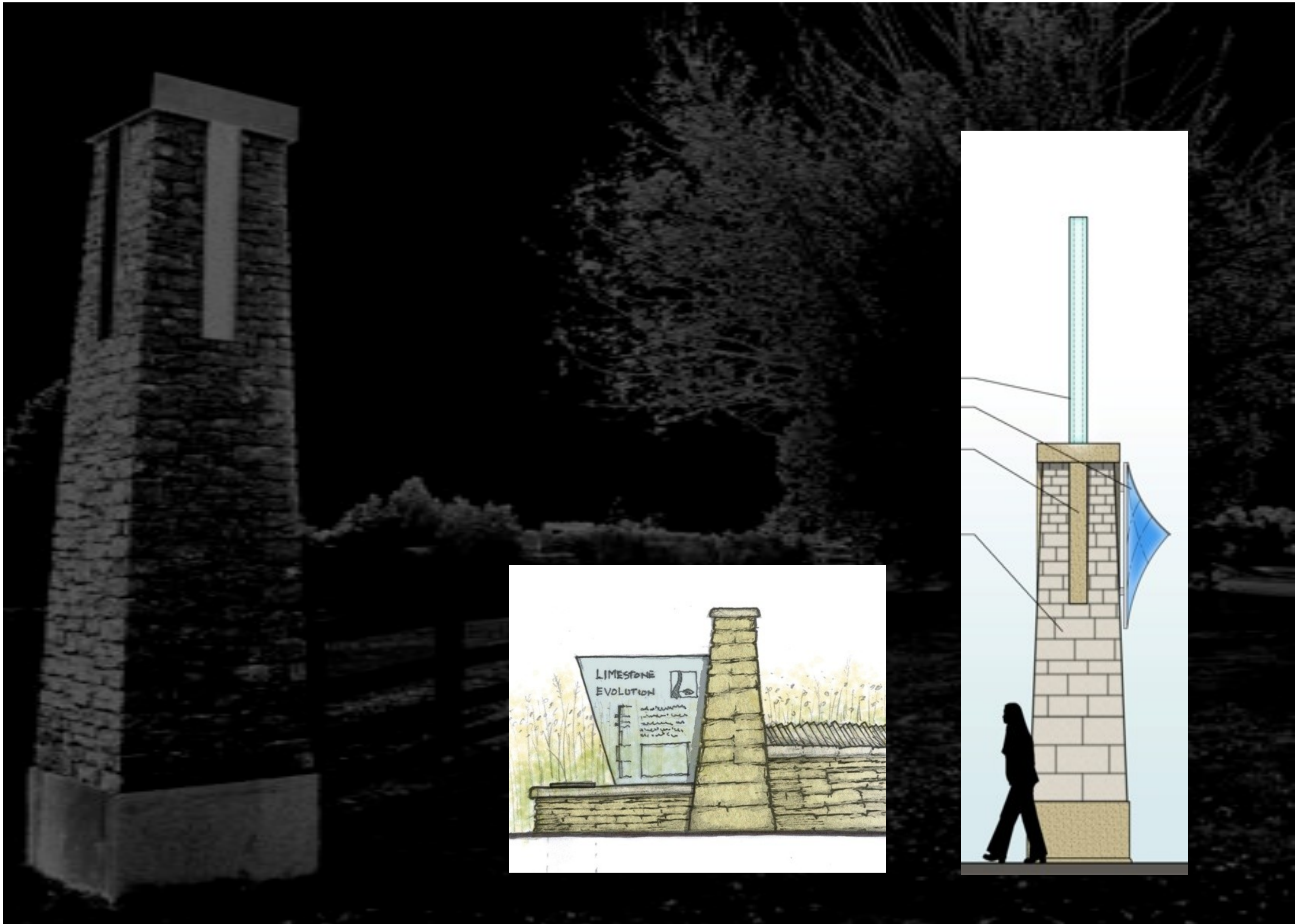
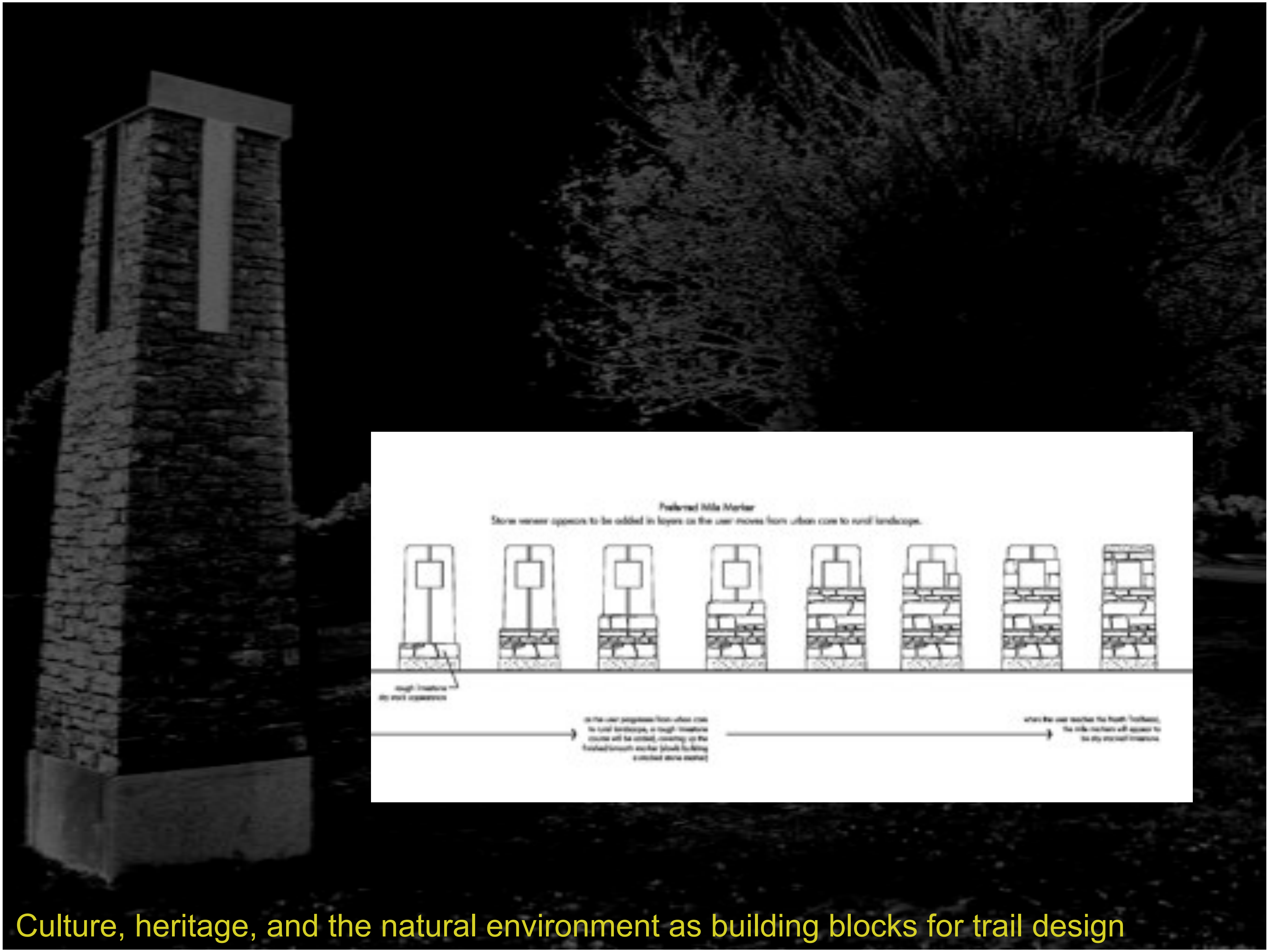
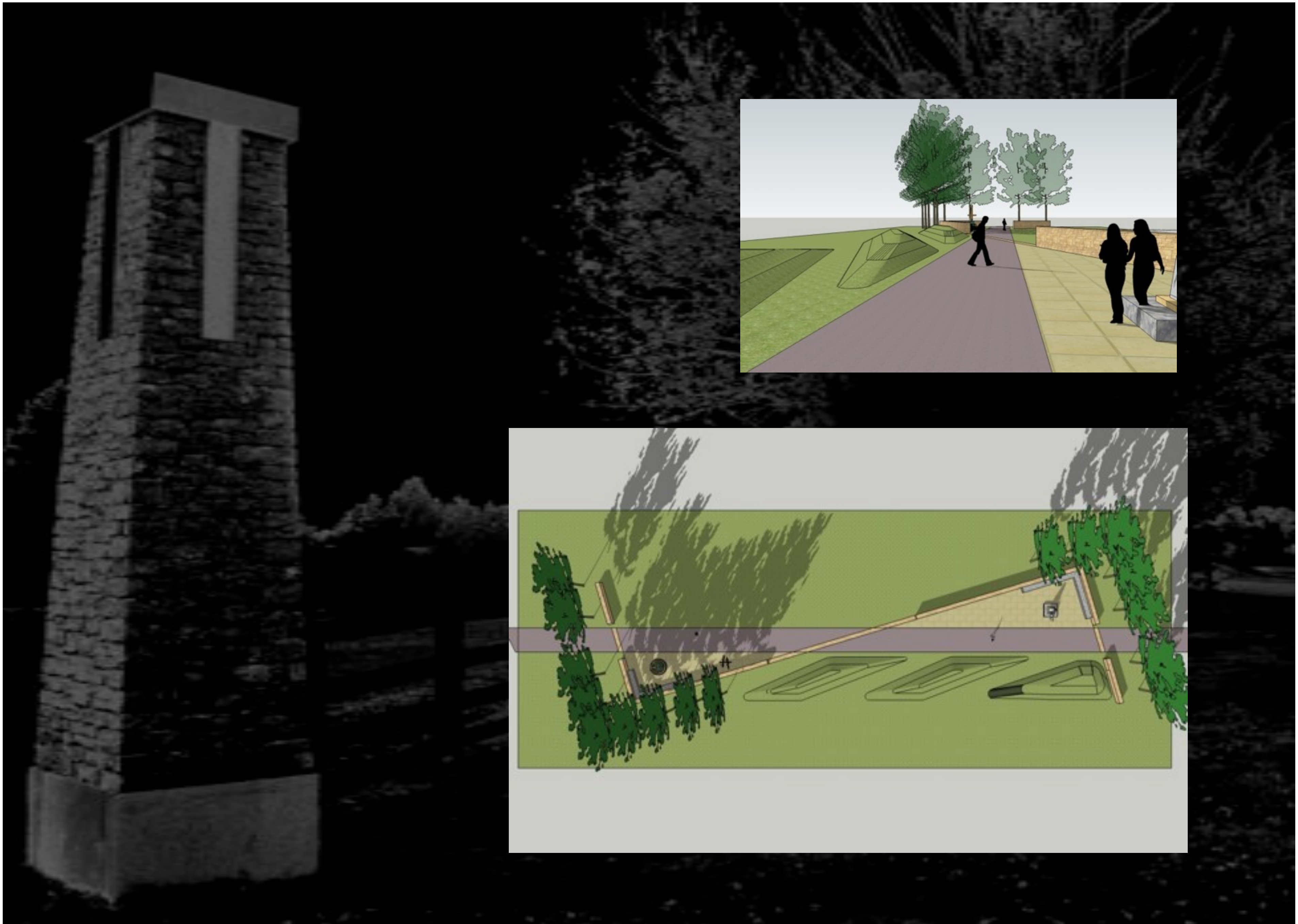

LIMESTONE
EVOLUTION

Culture, heritage, and the natural environment as building blocks for trail design


Preferred Mile Marker
Stone veneer appears to be added in layers as the user moves from urban core to rural landscape.
rough limestone
dry stack appearance

Culture, heritage, and the natural environment as building blocks for trail design



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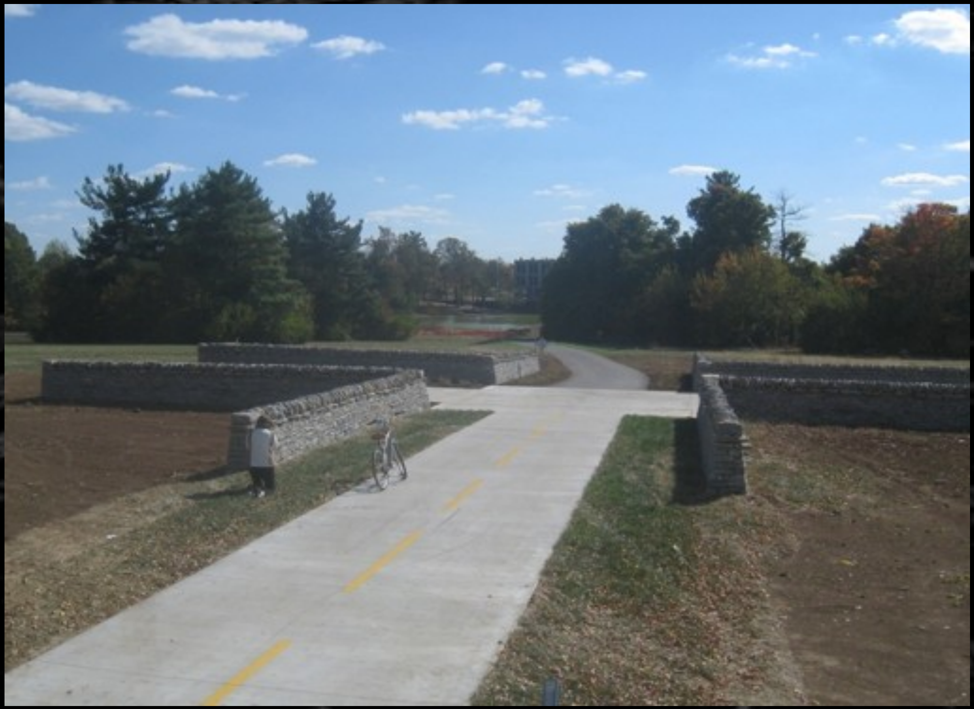
Design Implementation



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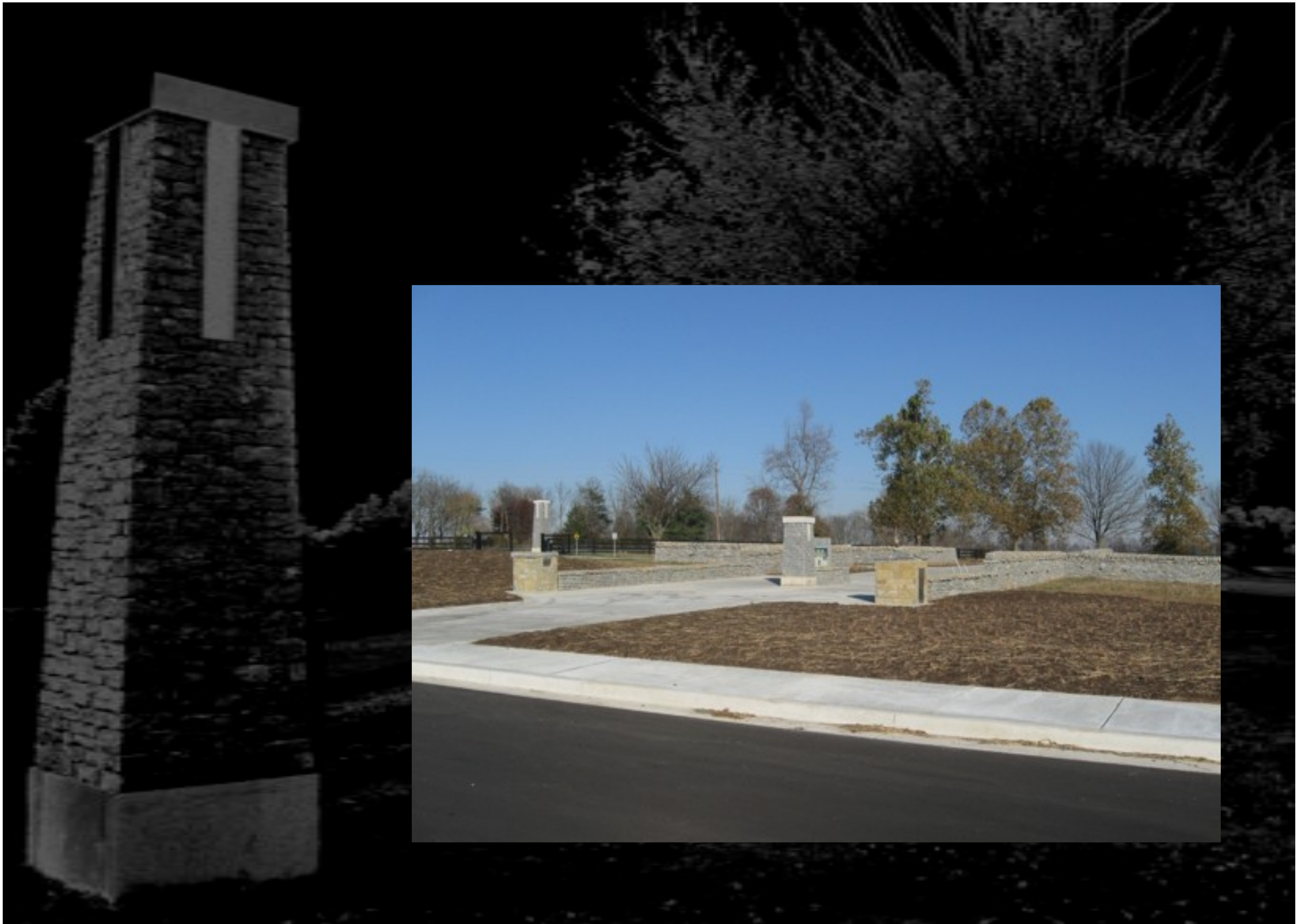

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7
— miles —
11.3 km

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LEGACY TRAIL

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Floodplain Challenges

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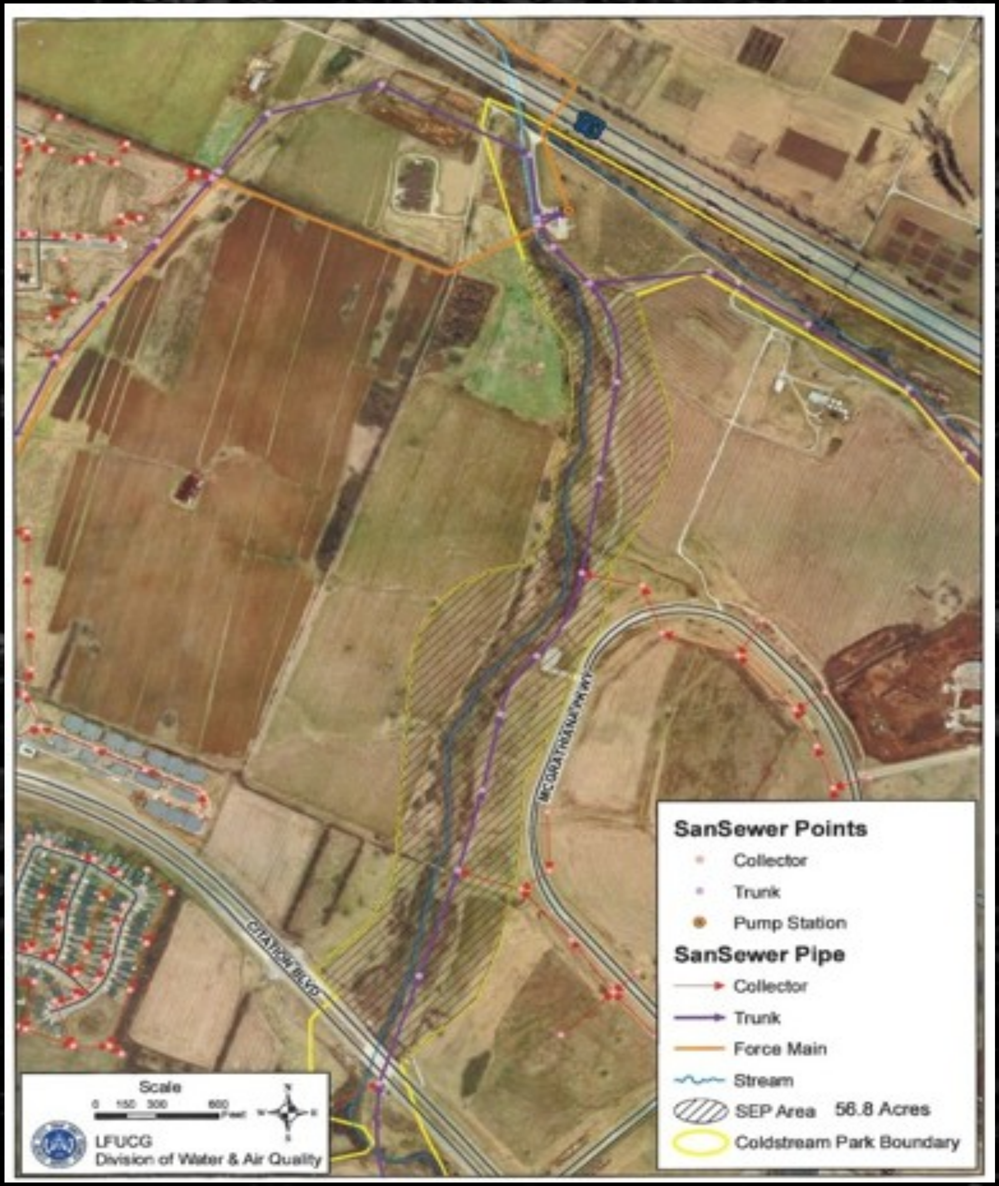
CITATION BLVD
MCGRATHIANA PKWY
SanSewer Points
Collector
Trunk
Pump Station
SanSewer Pipe
Collector
Trunk
Force Main
Stream
SEP Area 56.8 Acres
Coldstream Park Boundary
Scale
0 150 300 600 Feet
N
S
E
W
LFUCG
Division of Water & Air Quality

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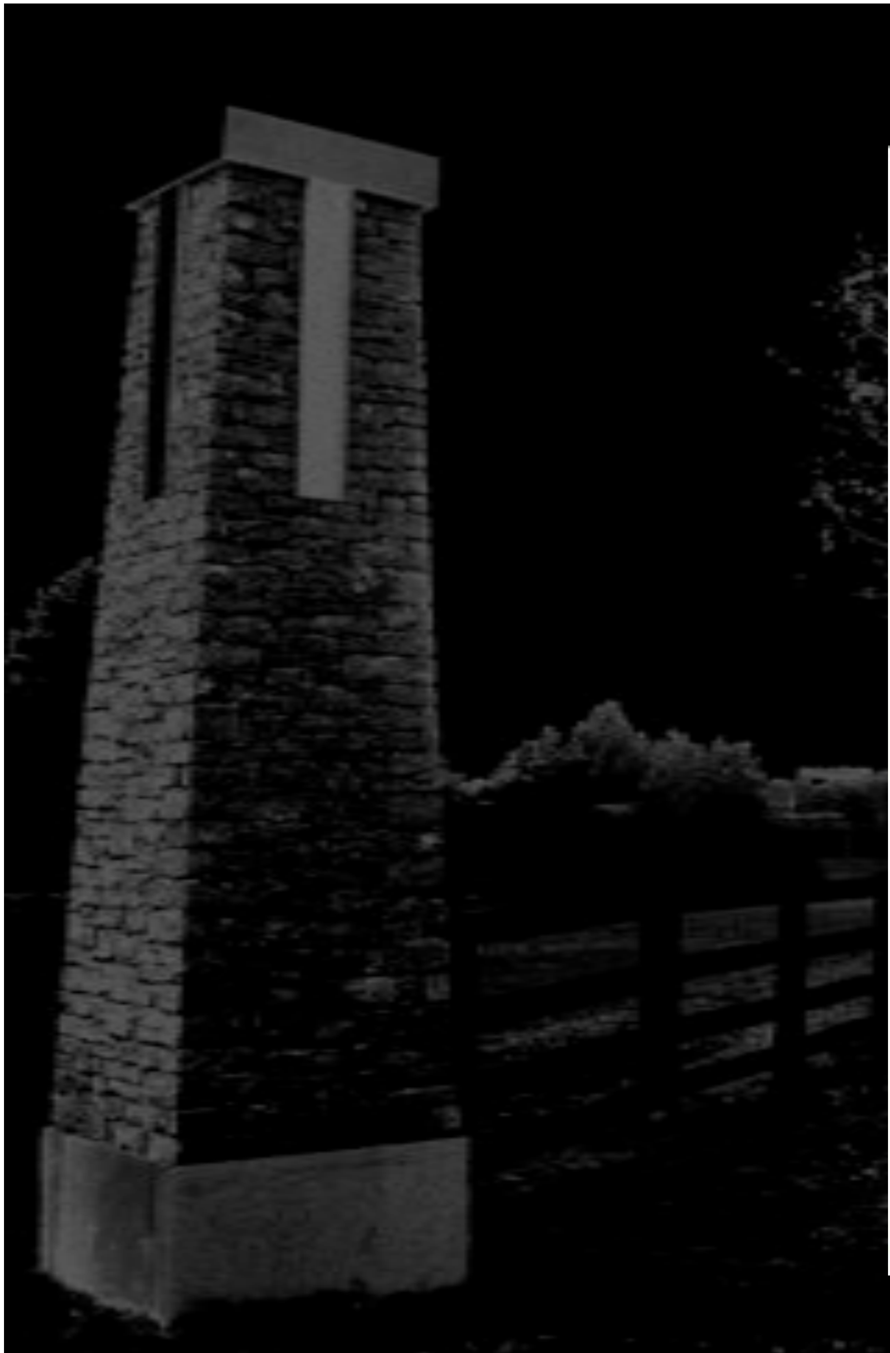

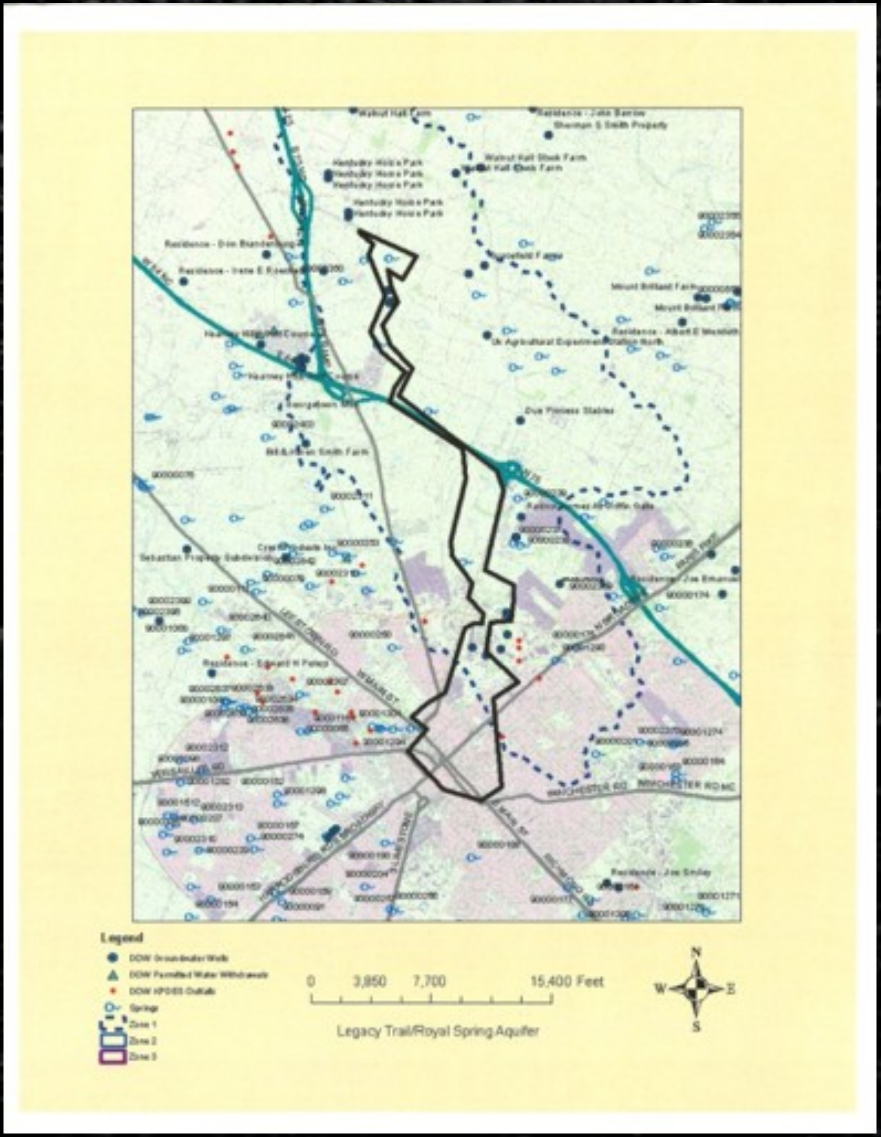
Legend
DOW Groundwater Wells
DOW Permitted Water Withdrawals
DOW KPDES Outfalls
Springs
Zone 1
Zone 2
Zone 3
0
3,850
7,700
15,400 Feet
Legacy Trail/Royal Spring Aquifer
N
W
E
S

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Trail Materials

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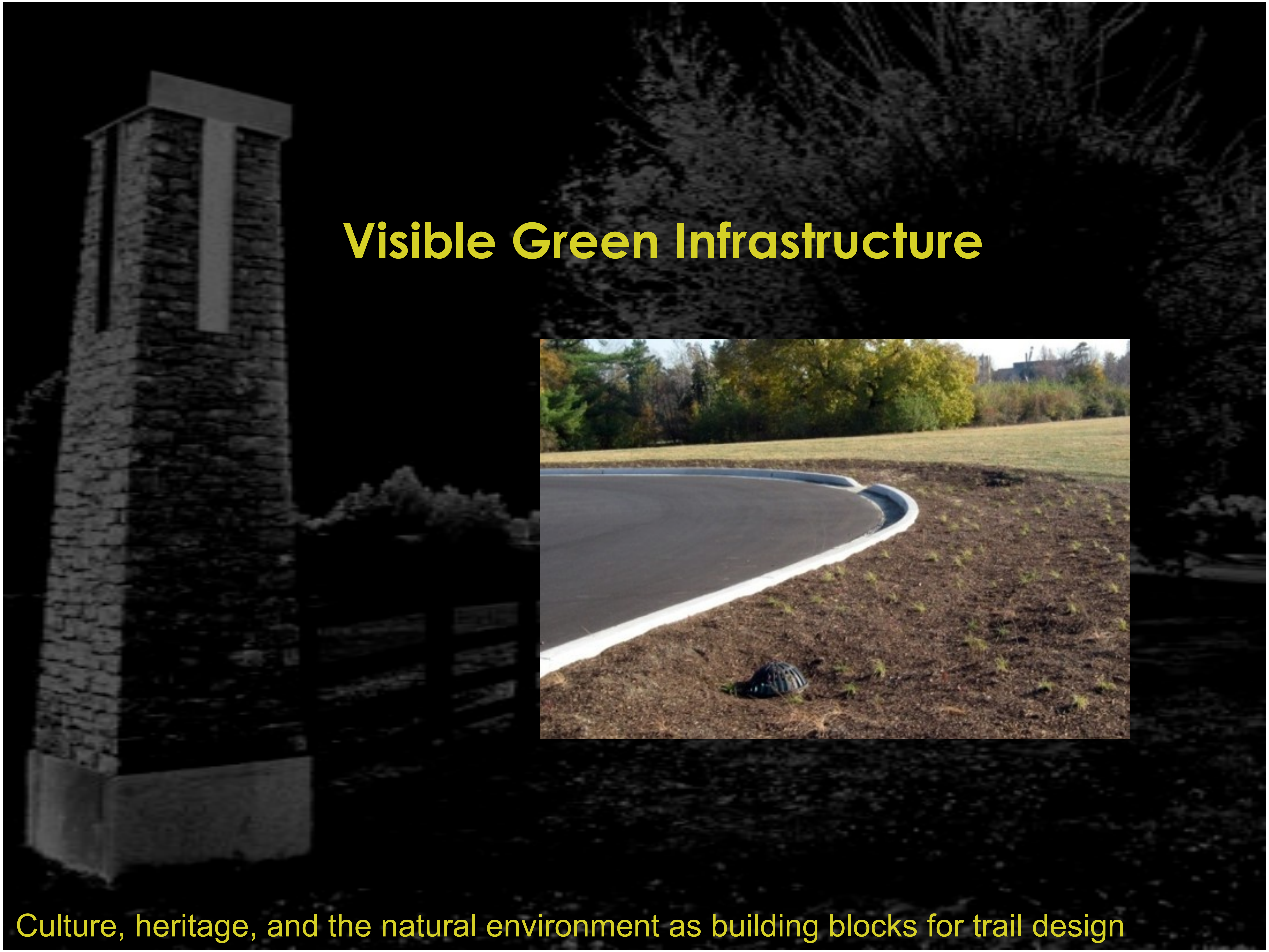
Visible Green Infrastructure



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Cane Run
Development

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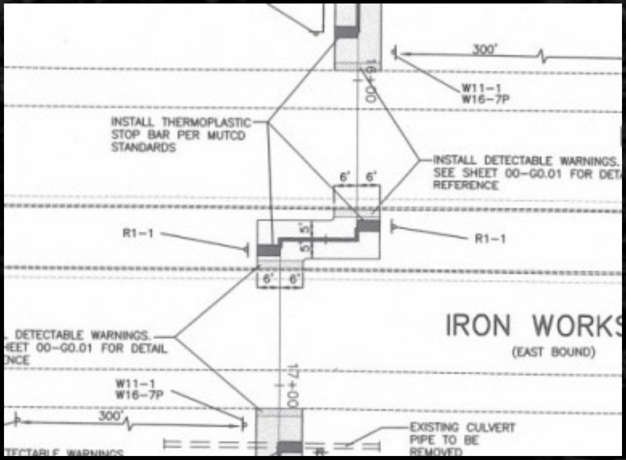
Major Road Crossing Strategies


300'
W11-1
W16-7P
16+00
INSTALL THERMOPLASTIC STOP BAR PER MUTCD STANDARDS
INSTALL DETECTABLE WARNINGS. SEE SHEET 00-G0.01 FOR DET
REFERENCE
6'
6'
R1-1
5'
5'
R1-1
6'
6'
IRON WORKS
(EAST BOUND)
DETECTABLE WARNINGS.
HEET 00-G0.01 FOR DETAIL
NCE
W11-1
W16-7P
17+00
300'
EXISTING CULVERT PIPE TO BE REMOVED

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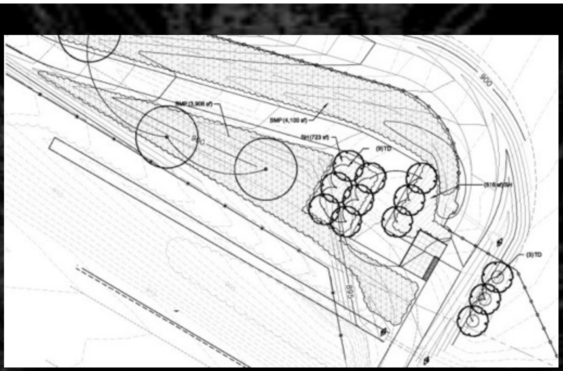
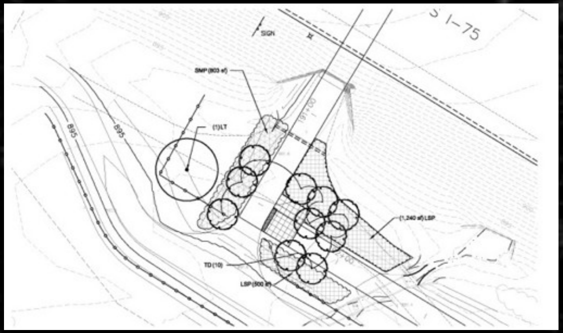

SMP (3,906 sf)
SMP (4,100 sf)
SH (723 sf)
(9) TD
(518 sf) SH
(3) TD
900


S I-75
SIGN
SMP (803 sf)
(1) LT
895
(1,240 sf) LSP
TD (10)
LSP (500 sf)

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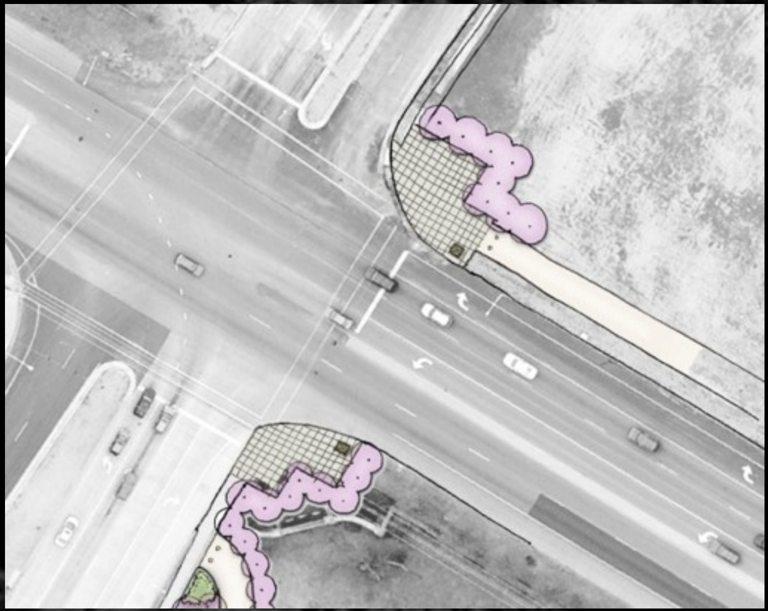

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LEXMARK CENTRE DRIVE
CIRCLE ROAD
CIRCLE ROAD

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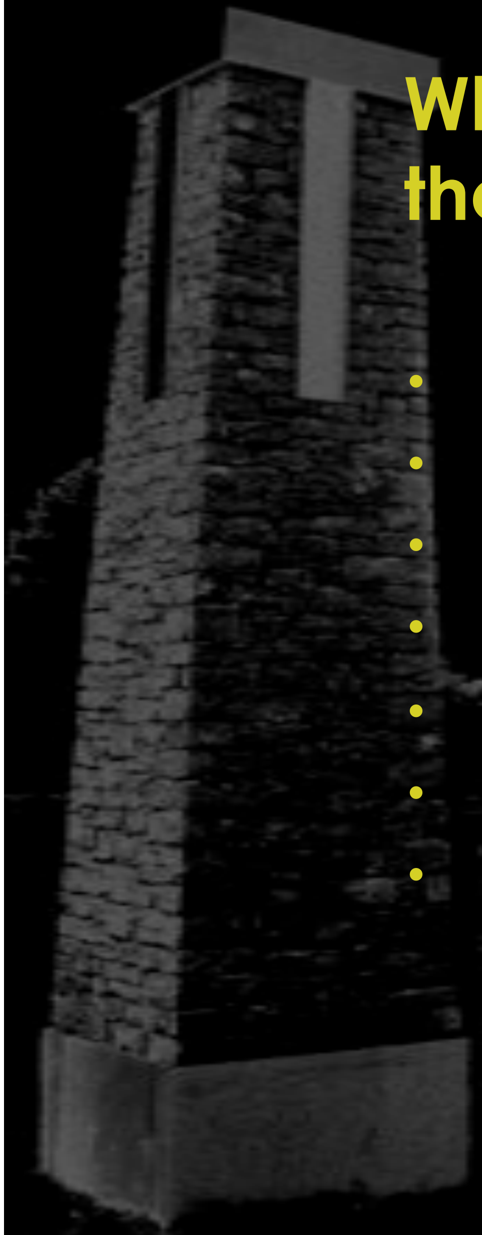

What has this meant for the City of Lexington?

- Improved connectivity
- Increased tourism
- Return on investment
- Expanded recreation opportunities
- Enlightened public education
- Improved understanding of public art
- Reduction of carbon footprint