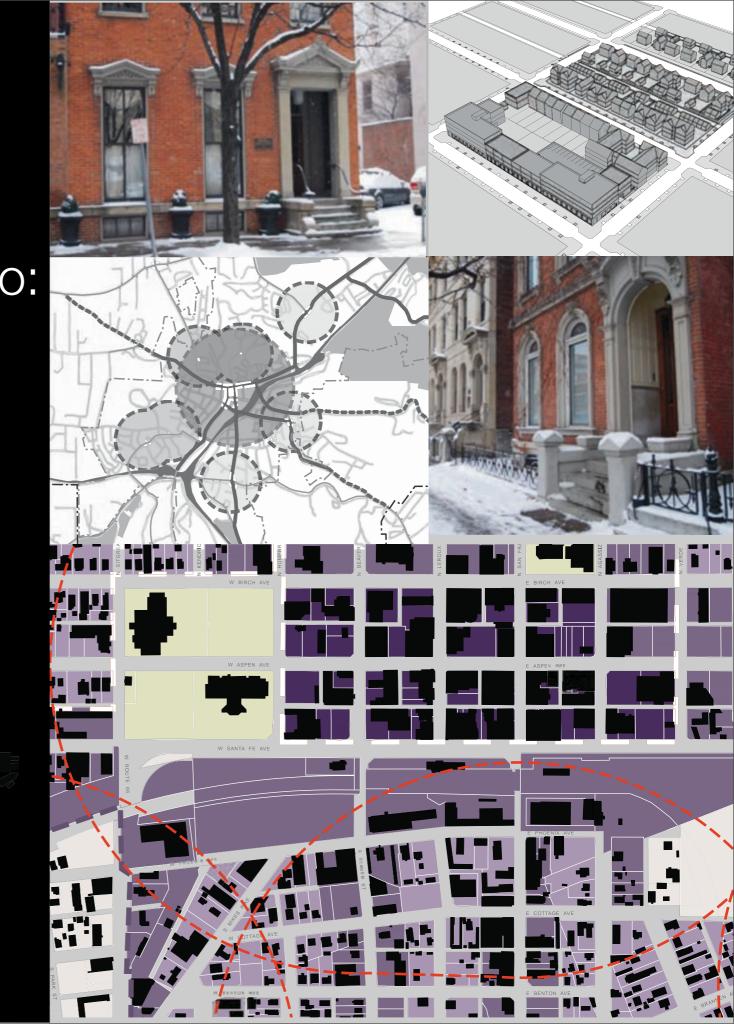
The City of Cincinnati, Ohio: Approach to Form-Based Code Application

Daniel Parolek
Principal, Opticos Design, Inc.
daniel.parolek@opticosdesign.com
www.opticosdesign.com

Planning Commission Workshop April 30, 2010









Presentation Overview

- 1. Process to date (5 min)
- 2. What is a Form-Based Code? (15 min)
- 3. Focus Neighborhoods: General Assessment & Mapping (5 min)
- 4. General notes (5 min)
 - a. Open discussion (15 min)
- 5. Preferred approach option (20 min)
 - a. Open discussion (20 min)
- 6. Options for how to plug the FBC into your zoning code (10 min)
 - a. Open discussion (20 min)



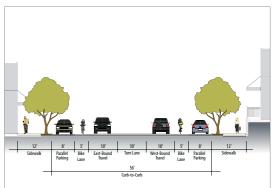
Process to Date

Form-Based Code Preferred Approach

Process to Date

- 1. Code Review
 - i. Identify obstacles for FBC application
- 2. Focus Neighborhood general assessment and mapping
- 3. Best Practice Report
- 4. Approach options
 - i. How FBC fits into zoning code
 - ii. Process for creating plan and code with neighborhoods









City of Cincinnati, Ohio

Form-Based Code Best Practices Report

OPTICOS
Opticos Design, Inc.
1285 Gilman Street
Berkeley, CA 94706

Opticos Design, Inc. with Lisa Wise Consulting

March 1, 2010

p: 510.558.695 f: 510.898.080 w: opticosdesign.co



What is a Form-Based Code?

Form-Based Code Preferred Approach

Form-Based Code Definition

"Form-based codes foster predictable built results and a high-quality public realm by using physical form (rather than separation of uses) as the organizing principle for the code. They are regulations, not mere guidelines. They are adopted into city or county law. Form-based codes are an alternative to conventional zoning."

Form-Based Code Institute



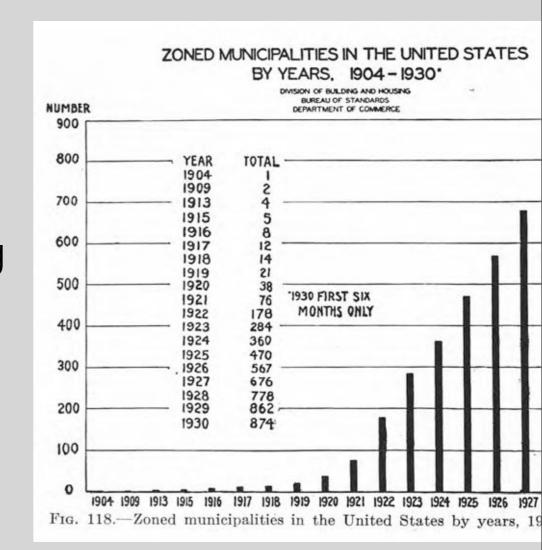
Why Is Form More Important Than Use or Density?





How Are FBCs Being Used?

- Downtown Master Plans
- 2. Transit-Oriented Development
- 3. Corridor Revitalization Plans
- 4. Neighborhood Revitalization Plans
- 5. Specific Plan Development Standards
- 6. Historic Resource Preservation Planning
- 7. Greyfield Redevelopment
- 8. University/Community Interface Plans
- 9. Subdivision Ordinances
- 10. Complete Development Code Updates
- 11. Model Codes
- 12. General Plan Updates
- 13. Regional Plan Implementation





Form-Based Code Components

- 1. Regulating Plan
- 2. Building Form Standards
- Public Space Standards
 (Thoroughfares & Civic Spaces)
- 4. Frontage Type Standards
- Block and Lot Subdivision Standards
- 6. Building Type Standards
- 7. Sustainability Standards
- 8. Green Building Standards
- 9. Architecture & Landscape Architecture Standards



Form-Based Code defines this



This is the architecture

The Regulating Plan



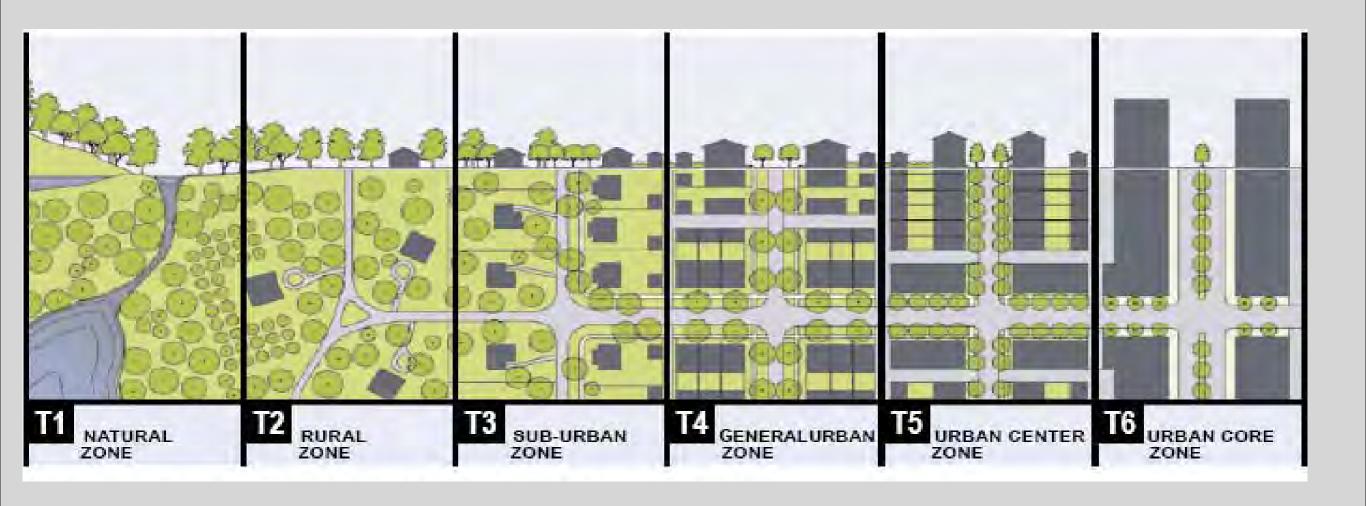
Regulating Places, Not Uses



Benicia Downtown Mixed-Use Master Plan (Opticos Design and Crawford, Multari & Clark)



One Option: The Urban-to-Rural Transect

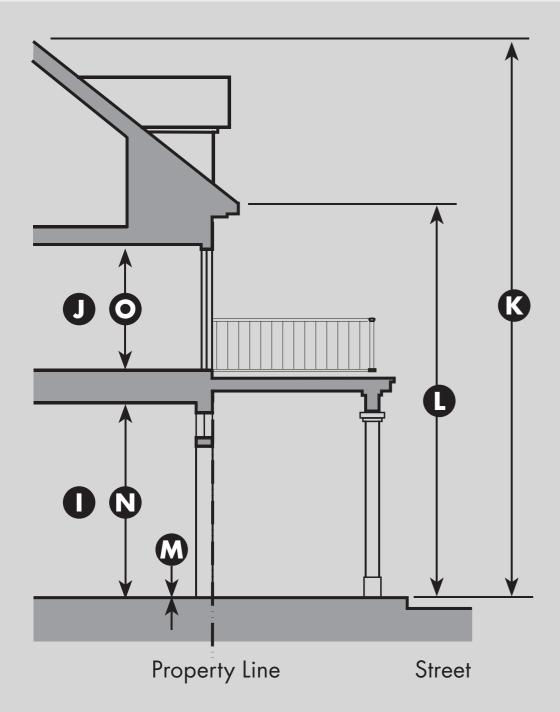




Building Form Standards



Graphic and Easy to Understand



Use		
Ground Floor	Service, Retail, or	
	Recreation, Education &	
	Public Assembly*	0
Upper Floor(s)	Residential or Service*	0

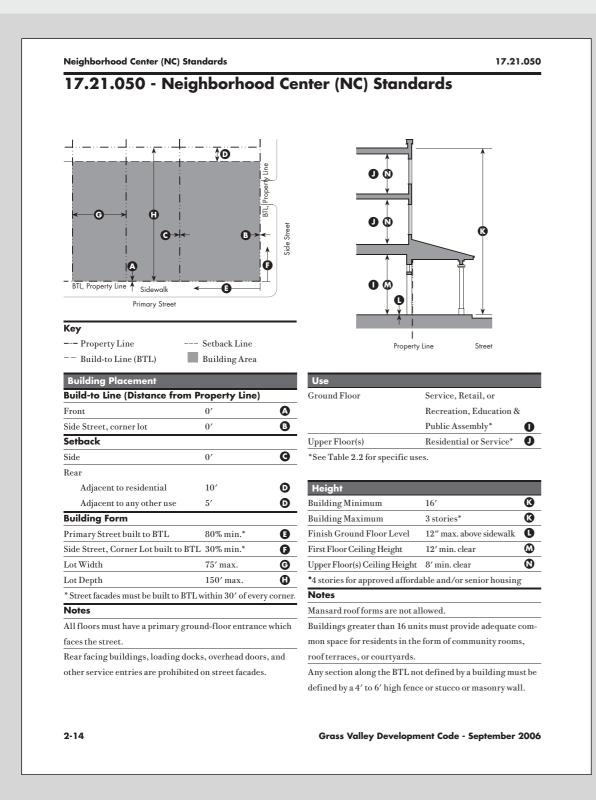
*See Table 4.1 for specific uses. Ground floors that face the waterfront shall be nonresidential and shall not include parking, garages, or similar uses.

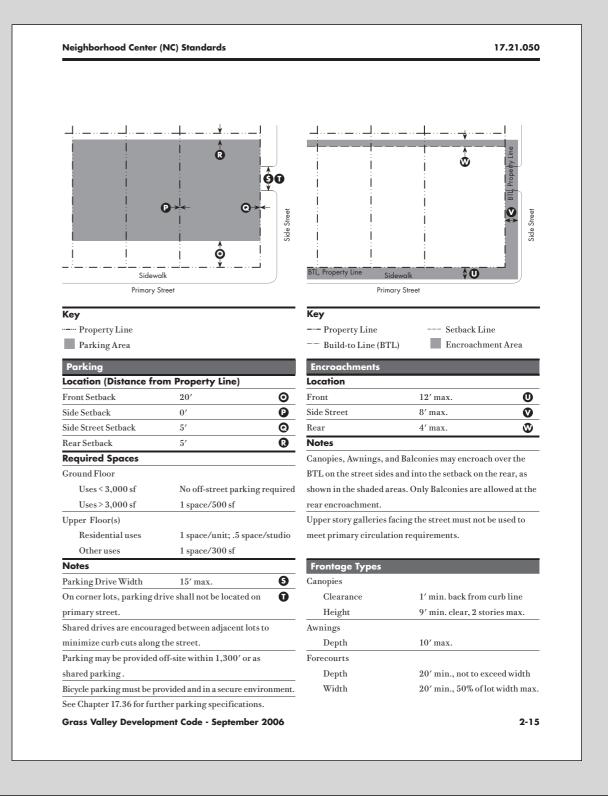
Height		
Building Min.	22'	ß
Building Max.	2.5 stories and $40'$	K
Max. to Eave/Top of Parapet	35′	0
Ancillary Building Max.	2 stories and 25'	
Finish Ground Floor Level	6" max. above sidewalk	M
First Floor Ceiling Height	12' min. clear	0
Upper Floor(s) Ceiling Height	8′ min. clear.	0

Benicia Downtown Mixed-Use Master Plan (Opticos Design and Crawford, Multari & Clark)



Building Form Standards: 4-Page Template







Building Form Standards: 4-Page Template

Neighborhood Center (NC) Standards 17.21.050

Land Use Type ¹	Permit Required	Specific Use Regulations	Land Use Type ¹	Permit Required	Specific Use Regulations
Recreation, Education & Public A	Assembl	у	Retail		
Commercial recreation facility:	MUP		Bar, tavern, night club	UP	_
Indoor			General retail, except with any of the	P	
Health/fitness facility	MUP		following features:		
Library, museum	P		Alcoholic beverage sales	MUP	
Meeting facility, public or private	UP		Floor area over 10,000 sf	UP	
Park, playground	P		On-site production of items sold	MUP	
School, public or private	UP^2		Operating between 9pm and 7am	UP	
Studio: Art, dance, martial arts,	P		Neighborhood market	MUP	
music, etc.			Restaurant, café, coffee shop	MUP	
Residential			Services: Business, Financial, Pro	ofession	al
Home Occupation	\mathbb{P}^2	17.44.100	ATM	P	
Mixed use project residential	\mathbb{P}^2	17.44.140	Bank, financial services	P	
component			Business support service	P	
Residential accessory use or structure	P^2	17.44.020	Medical services: Clinic, urgent care	MUP	
Residential care, 7 or more clients	UP		Medical services: Doctor office	P	
Second unit or carriage house	P	17.44.190	Medical services: Extended care	UP	
			Office: Business, service	P	
			Office: Professional, administrative	P	
			Services: General		
			Day care center: Child or adult	MUP	17.44.060
					17.44.110
			Day care center: Large family	P	17.44.060
			Day care center: Small family	P	
		_	Lodging: Bed & breakfast inn (B&B)	MUP	
Кеу			Public safety facility	UP	
P Permitted Use			Personal services	P	
MUP Minor Use Permit Required			Transportation, Communication	s, Infras	tructure
UP Use Permit Required			Parking facility, public or commercial	UP	
NA Use Not Allowed			Wireless telecommunications facility	UP	17.46

 $^{2}\,\mathrm{Allowed}$ only on second or upper floors, or behind ground

2-16

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17.21.050

Neighborhood Center (NC) Standards



Grass Valley Development Code - September 2006

A Simplified Approach to Use

Retail	
Bar, tavern, night club	UP
General retail, except with any of the	P
following features:	
Alcoholic beverage sales	MUP
Floor area over 10,000 sf	UP
On-site production of items sold	MUP
Operating between 9pm and 7am	UP
Neighborhood market	MUP
Restaurant, café, coffee shop	MUP
Services: Business, Financial, Pro	ofessional
ATM	P
Bank, financial services	P
Business support service	P
Medical services: Clinic, urgent care	MUP
Medical services: Doctor office	P
Medical services: Extended care	UP
Office: Business, service	P
Office: Professional, administrative	P
Services: General	

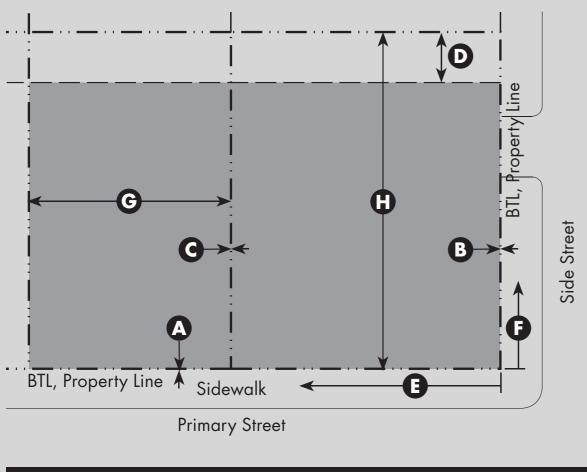
Key		
P	Permitted Use	
MUP	Minor Use Permit Required	
UP	Use Permit Required	
NA	Use Not Allowed	
End Notes		

 $^{^{1}}$ A definition of each listed use type is in Article 10 (Glossary).



² Allowed only on second or upper floors, or behind ground floor use.

Prescriptive & easy to use



Key	
Property Line	Setback Line
Build-to Line (BTL)	Building Area

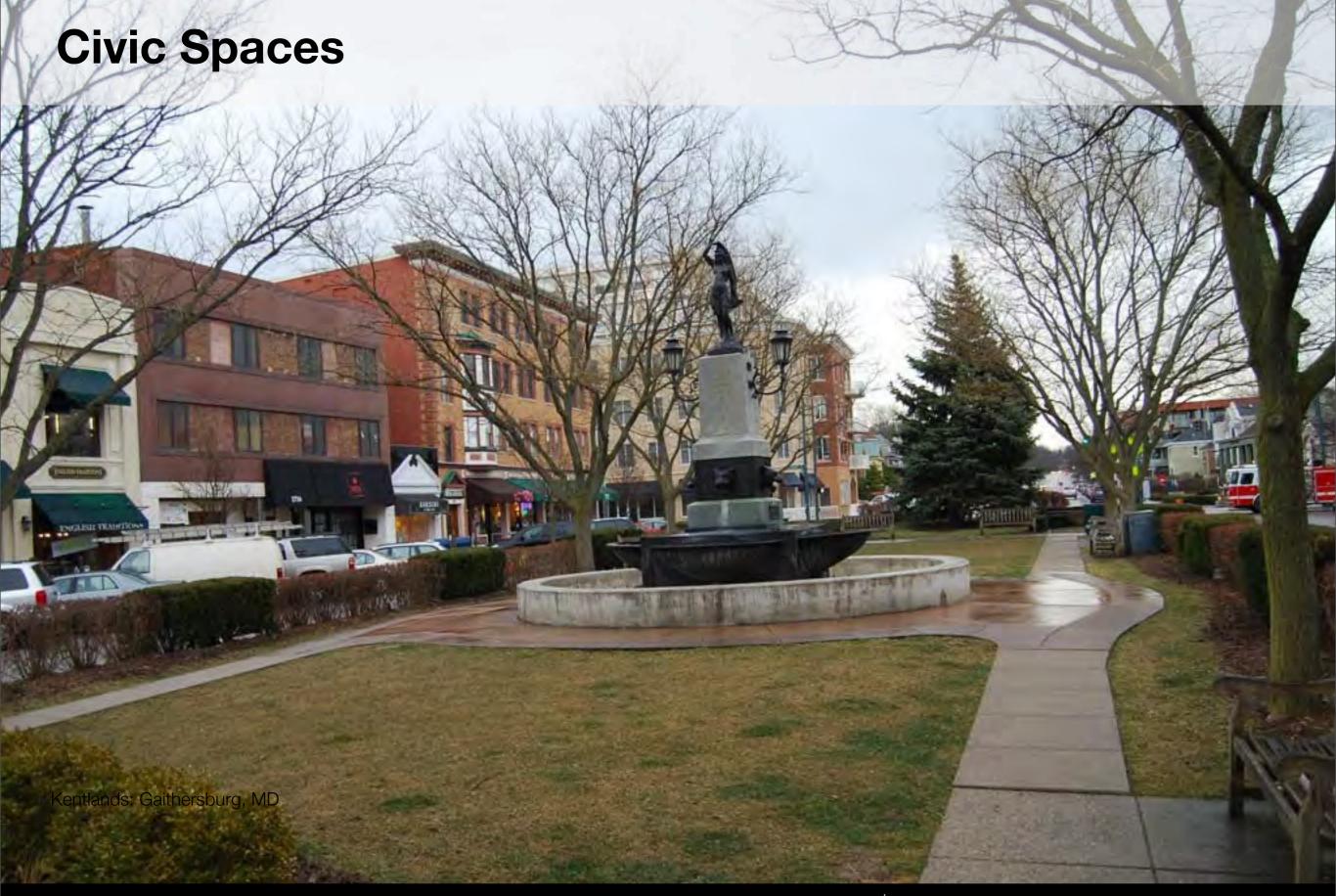
Build-to Line (Distance from P		
Front	0'	A
Side Street	0′	В
Setback (Distance from Prope	erty Line)	
Side	0′	G
Rear		
Adjacent to NG Zone	8′	D
Adjacent to any other Zone	5′	D
Building Form		
Primary Street Façade built to BTL	80% min.*	G
Side Street Façade built to BTL	30% min.*	G
Lot Width	125′ max.	G
Lot Depth	100′ max.	•

Benicia Downtown Mixed-Use Master Plan, Opticos Design

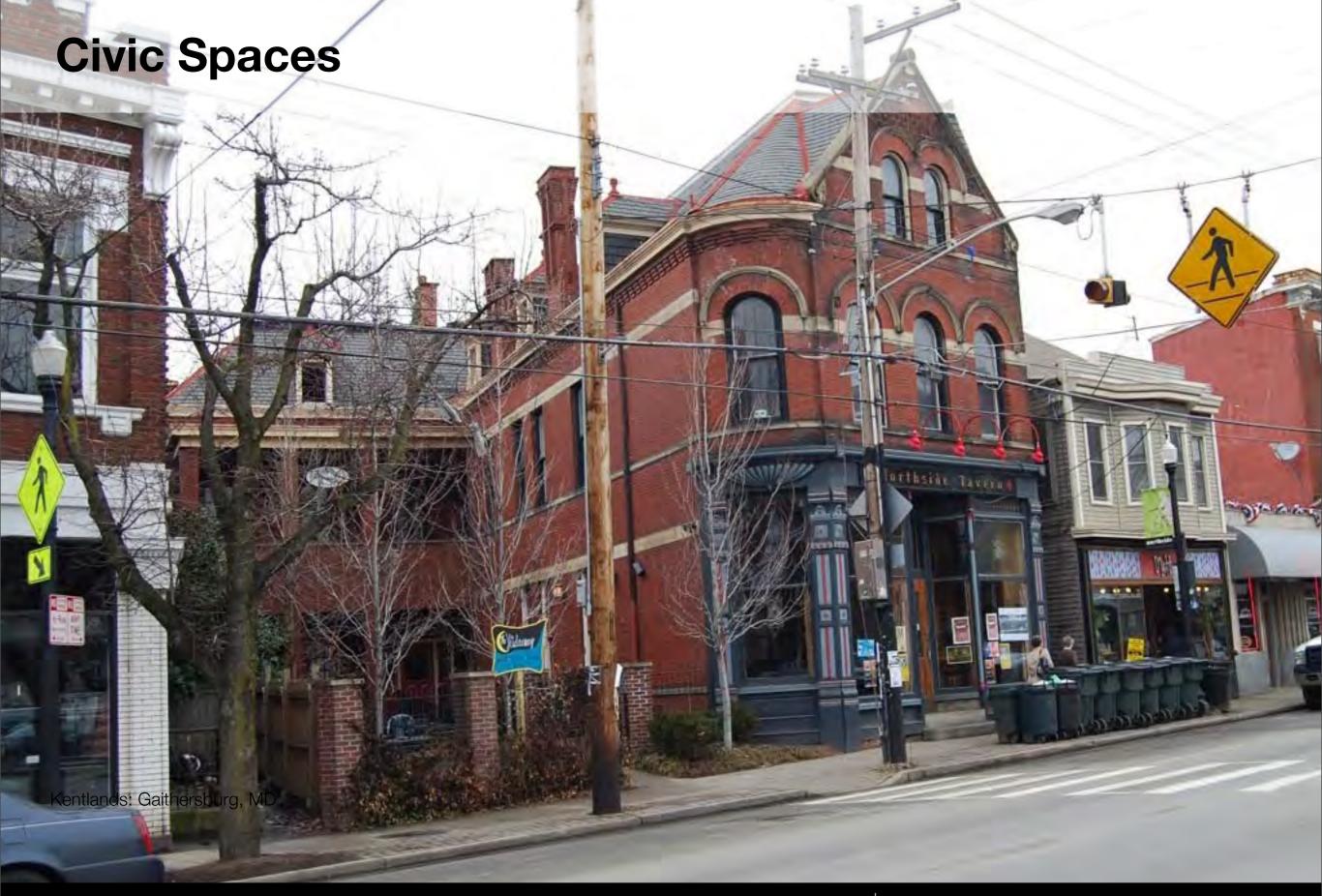


Public Space Standards: Thoroughfares and Civic Spaces









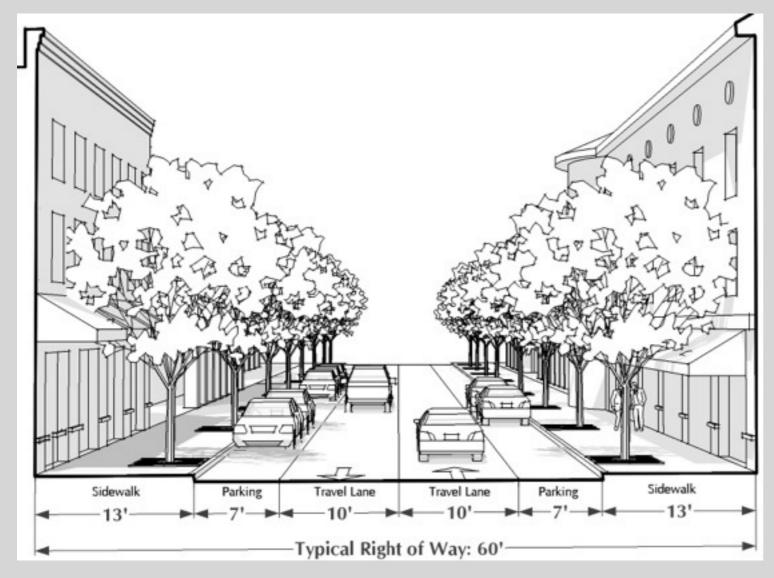


Thoroughfare Standards: Good Places Need Good Streets





Thoroughfare Standards

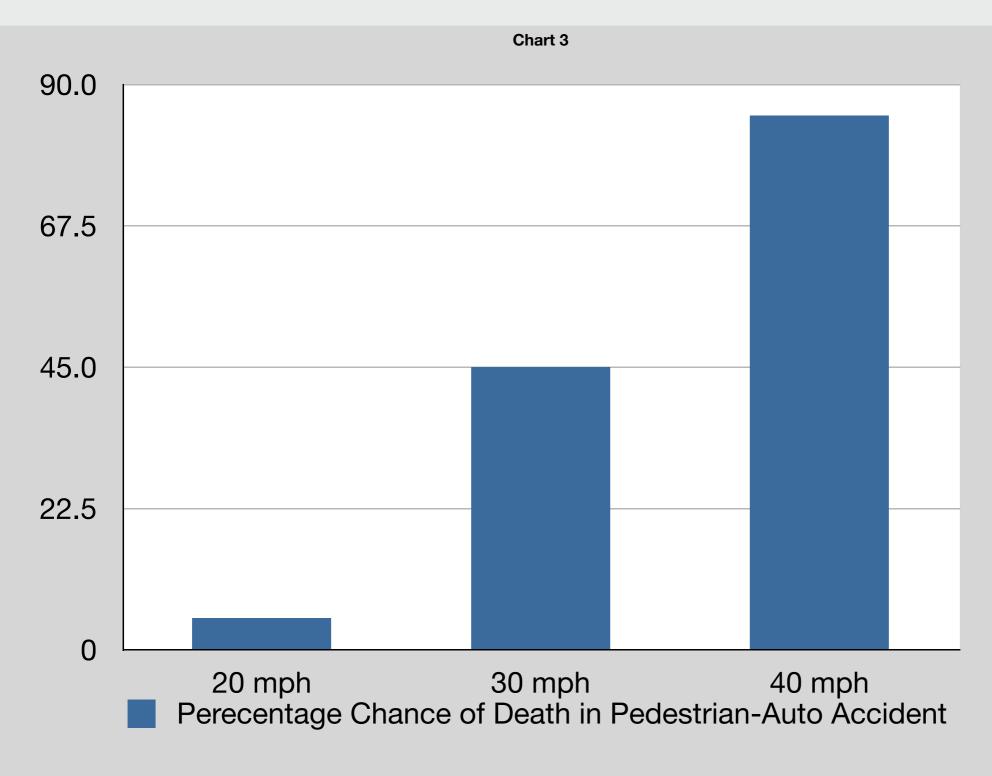


20 mph
56'
36'
8'
10'
N/A
Open
5' (typical)
N/A
5' (typical)
Medium
40'

Sarasota County, Florida (Dover Kohl & Spikowski Planning Associates)



Pedestrian Safety and Street Width



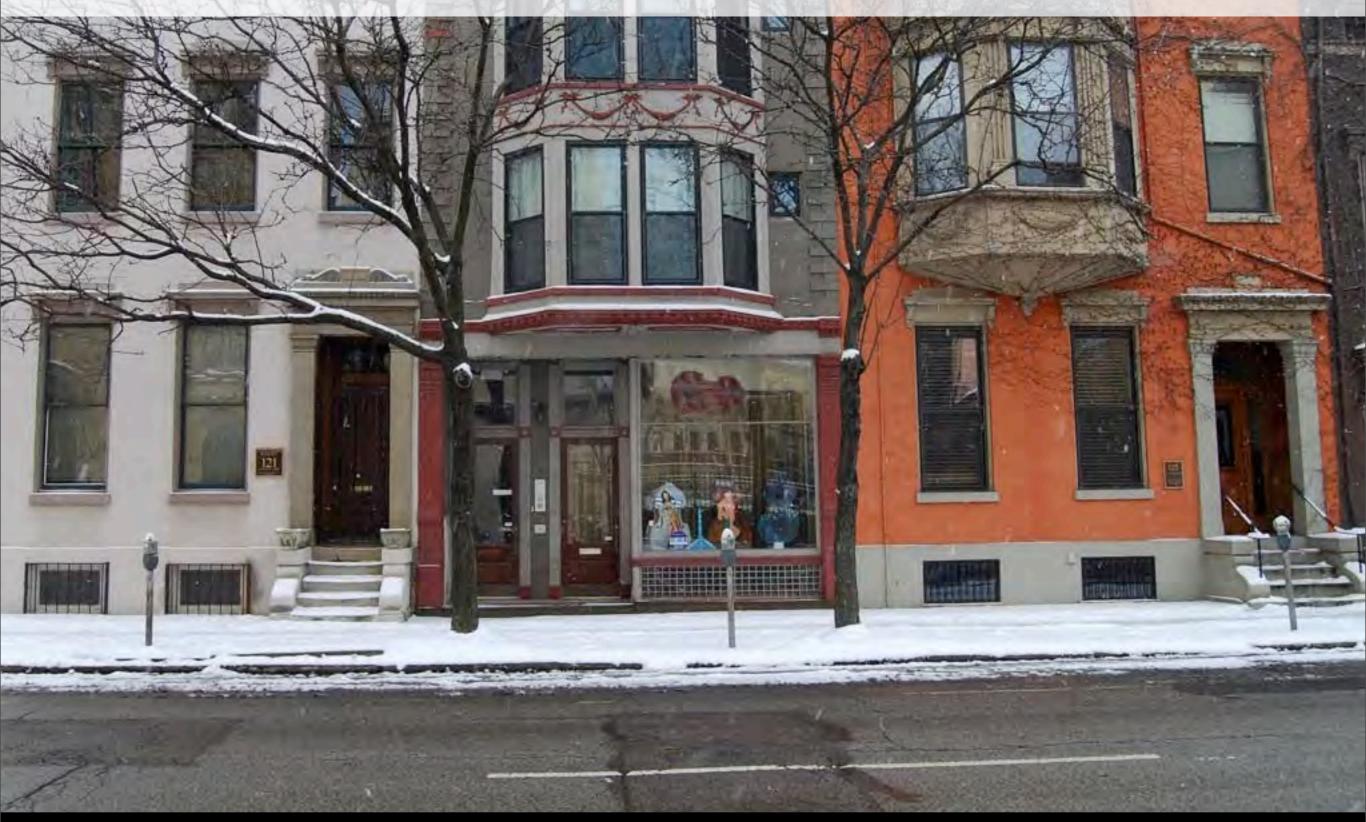
Source: National Highway Traffic Association and the Insurance Institute for Highway Safety.



Frontage Types



Frontages: Reinforcing Unique Character of Place





Building Types



Building Type Pallete

Live/Work

























Building Type Pallete

Bungalow Court







Townhouse









Duplex, Triplex Fourplex







Live-Work









Rowhouses















Missing Middle Residential





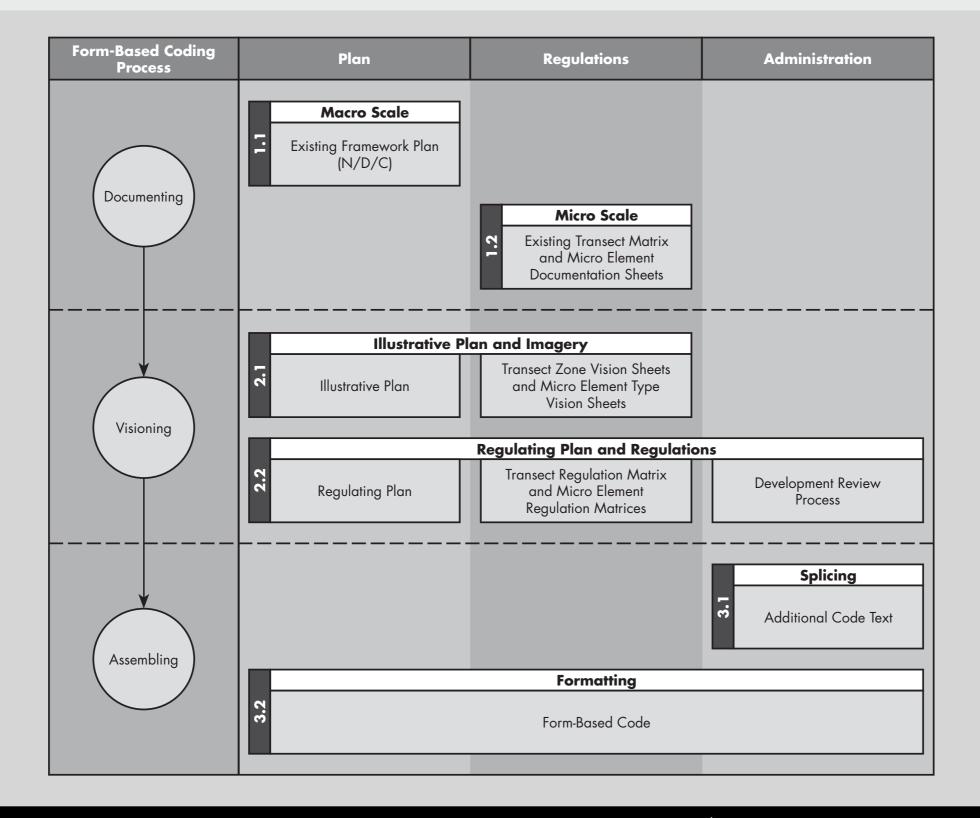




Form-Based Code Process

Three Important Steps

Process

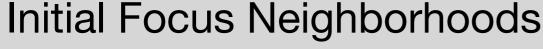




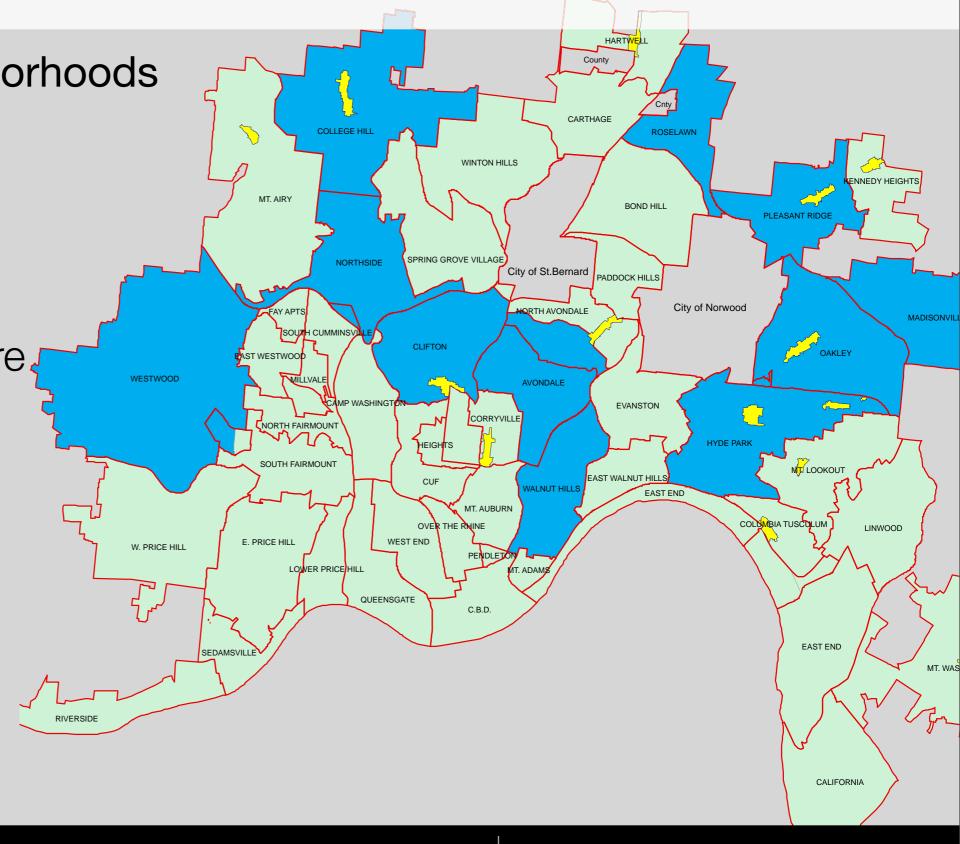
Focus Neighborhoods: General Analysis and Mapping

Form-Based Code Approach Options

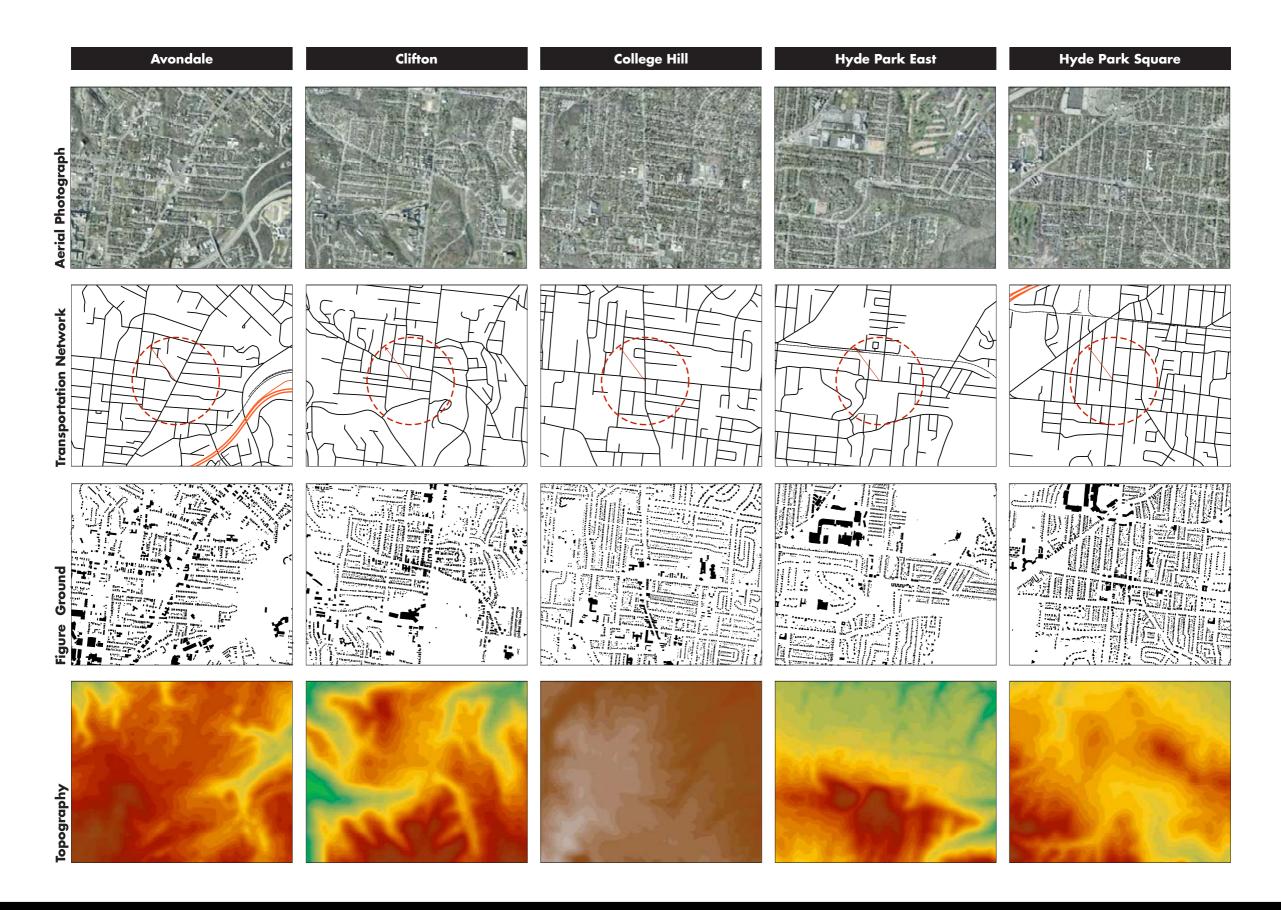
Neighborhoods: General Assessment



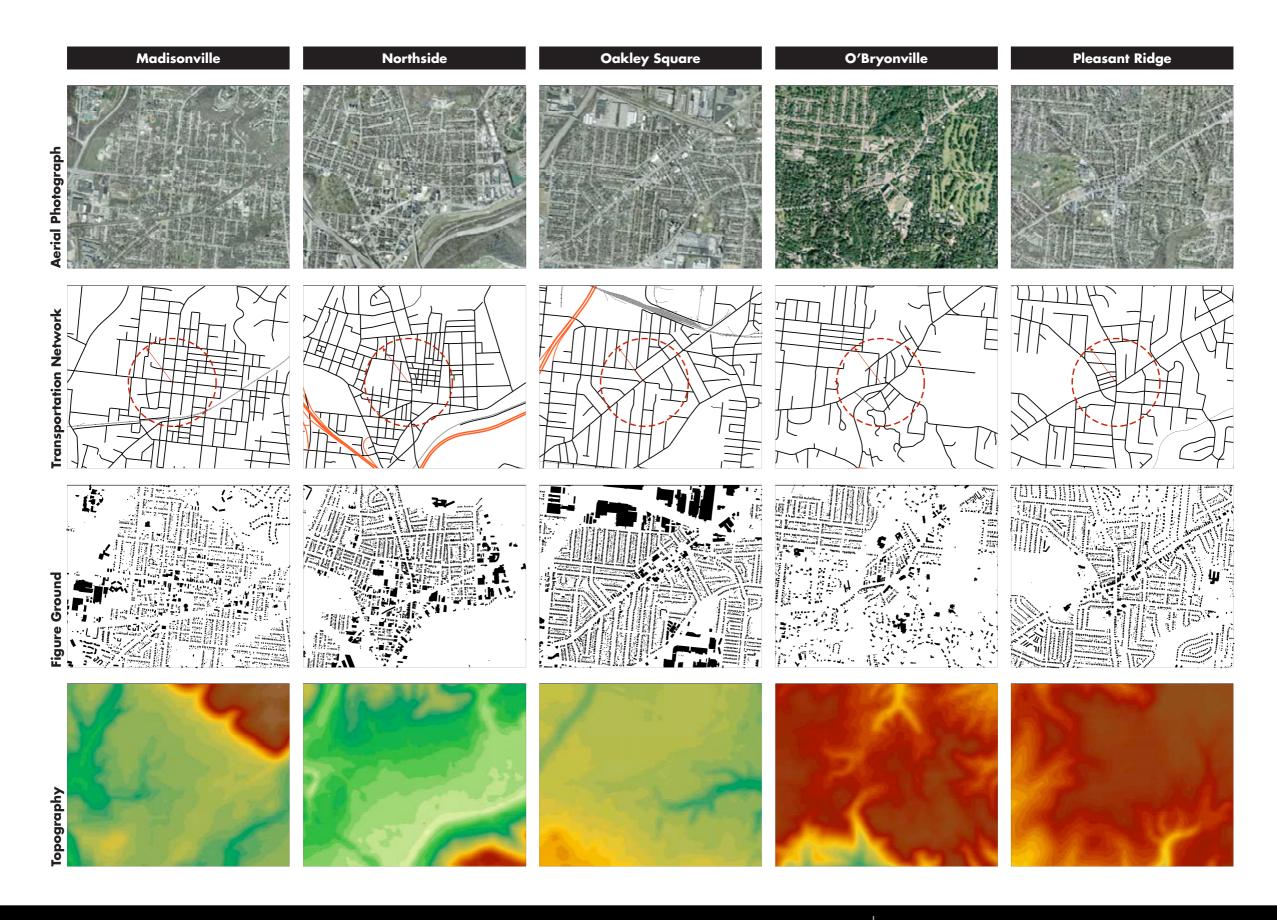
- 1. Avondale
- 2. Clifton
- College Hill
- 4. Hyde Park East
- 5. Hyde Park Square
- 6. Madisonville
- 7. Northside
- 8. Oakley Square
- 9. O'Bryonville
- 10. Pleasant Ridge
- 11. Roselawn
- 12. Walnut Hills
- 13. Westwood



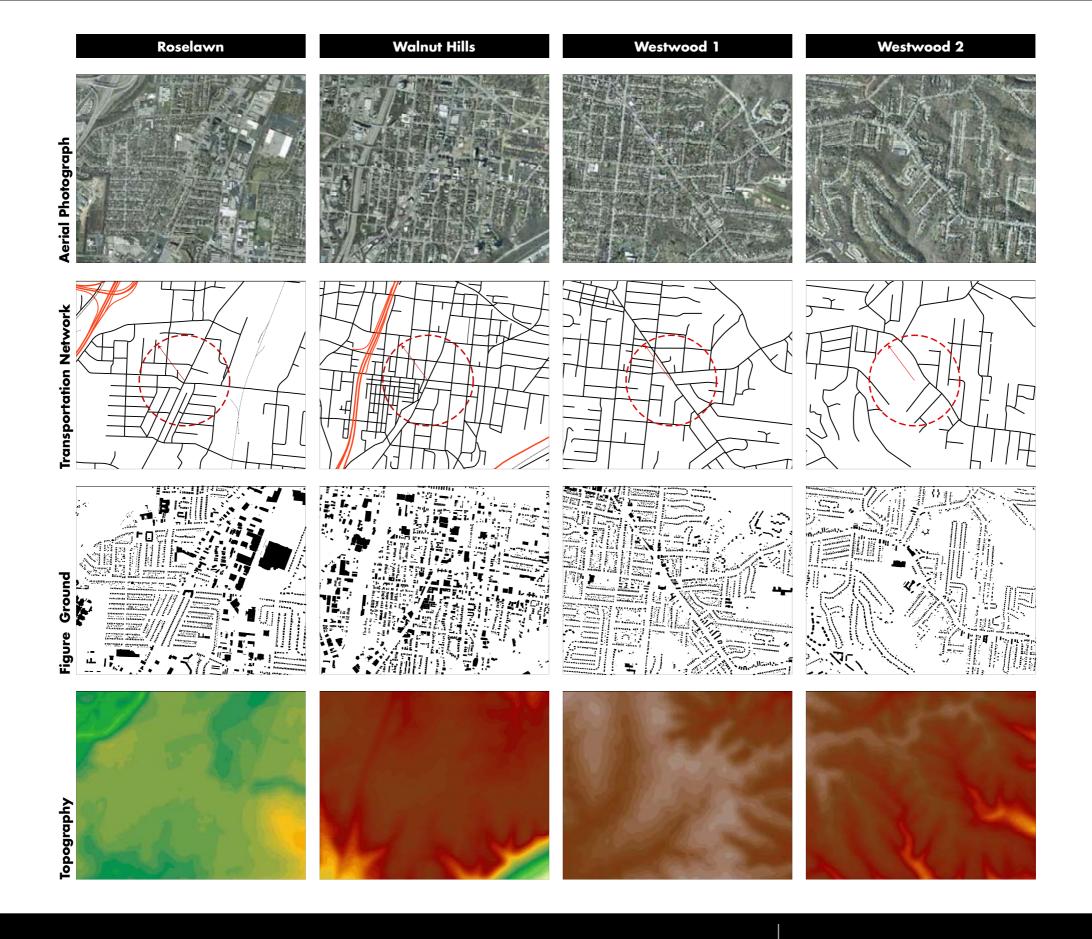










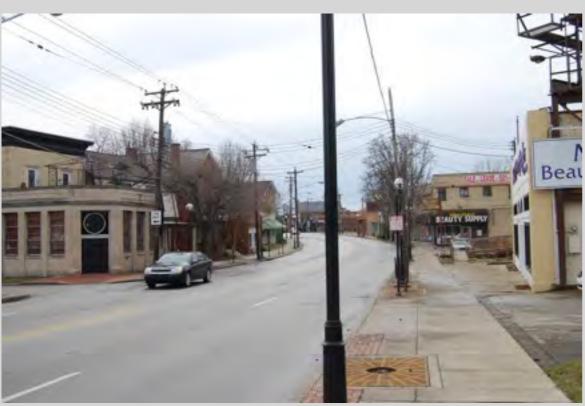




College Hill: General Character









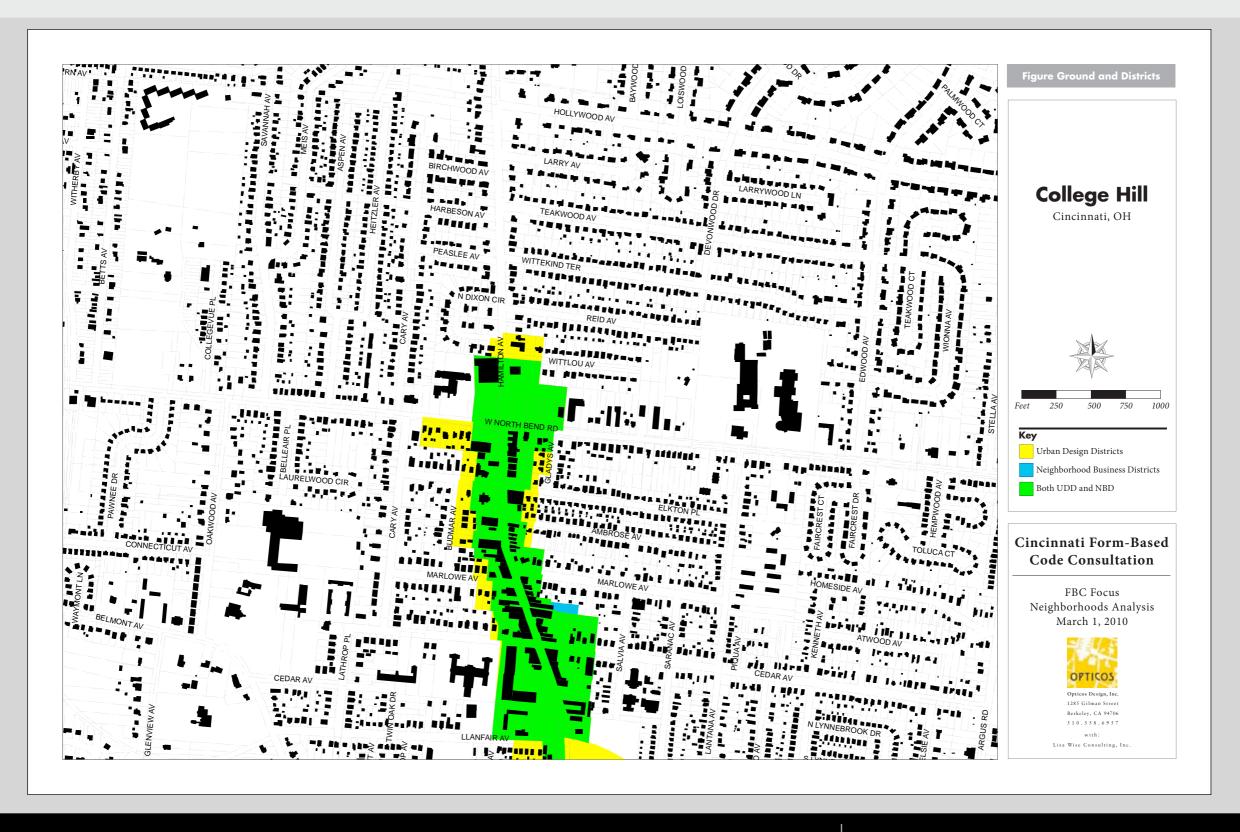


College Hill: Existing Zoning & Figure Ground



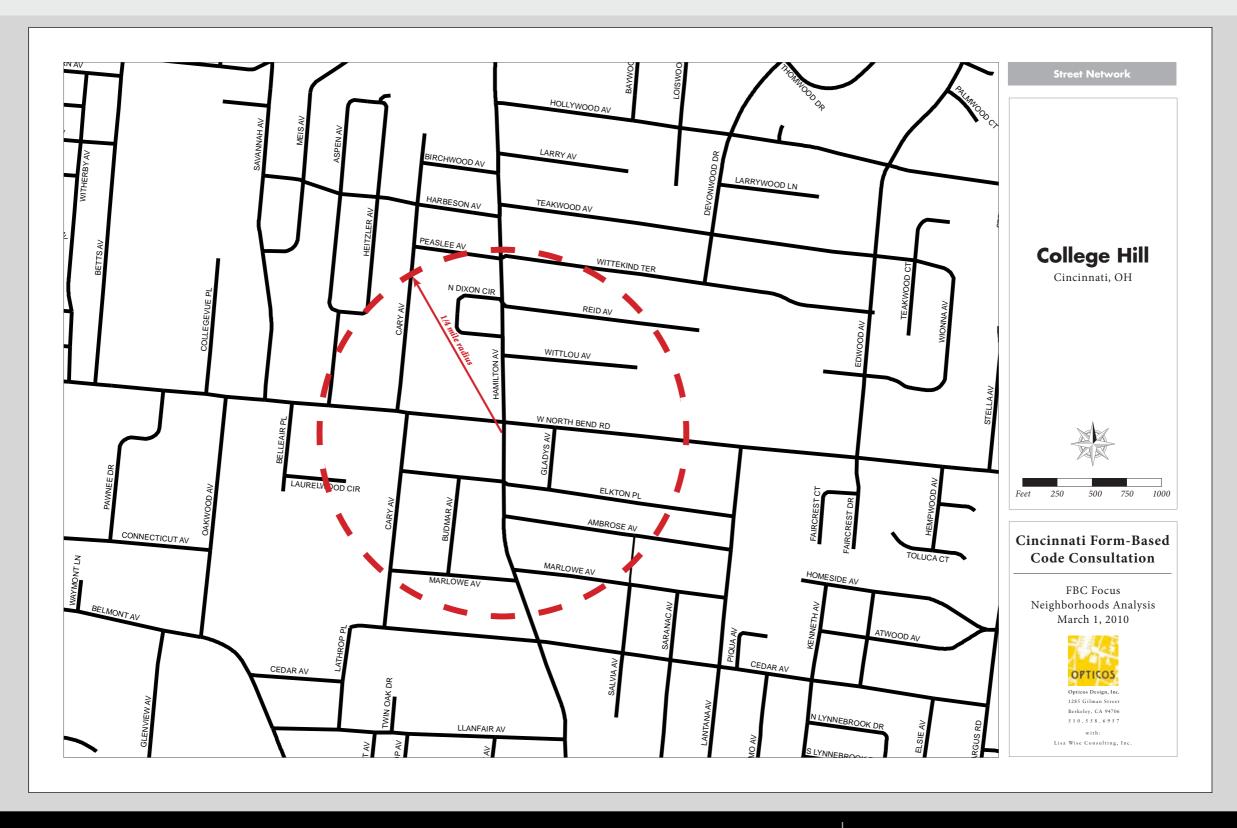


College Hill: Overlays





College Hill: Connectivity





College Hill: Demographics

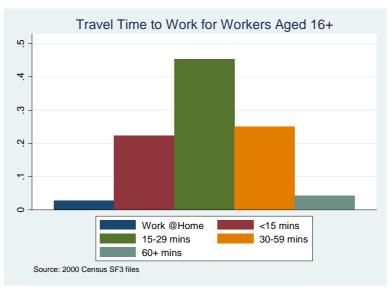


	Cincinnati PMSA	College Hill
Unemployment Rate		
Males	4.59%	3.54%
Females	4.57%	3.85%
Avg Household Size	2.34	2.26
% Households Below Poverty	10%	7%
Median Household Income		
(1999\$)	\$45,490.79	\$45,442.97

College Hill has both younger and older populations, with 33% of its male population (22% of its female population) under age 21. At the same time, men aged 50+ are 27% of males (26% of female population). Whites comprise 78% and Blacks 20%.

Poverty in College Hill is slightly below that of the Cincinnati metropolitan area. Median household income is also similar to the Cincinnati metro area, with about half of its households having incomes less than \$30,000. Unemployment is slightly below the Cincinnati metro area. While 13% among men and women aged 25+ have not completed high school, 61% among men and 58% among women have some

While almost half of all workers in College Hill have a commute of 15 to 29 minutes, the rest of its workers are evenly distributed with commutes less than 15 or greater than 30 minutes. Little more than 20% have commutes less than 15 minutes and 25% with 30 to 59 minute commutes.



³ Includes Census Tracts 81, 82.01, 82.02, 84, 111, 218.01, 221.02

Neighborhood Overview

College Hill³

Cincinnati, OH

Cincinnati Form-Based **Code Consultation**

FBC Focus Neighborhoods Analysis March 1, 2010



Lisa Wise Consulting, Inc



General Notes: Preparing for FBC Application

Form-Based Code Preferred Approach

Not all Focus Neighborhoods are Created Equal

- 1. Economic existing conditions
- 2. Physical existing conditions
- 3. Degree to change (or preservation) intended for each area
- 4. The size and number of opportunity sites within the focus areas



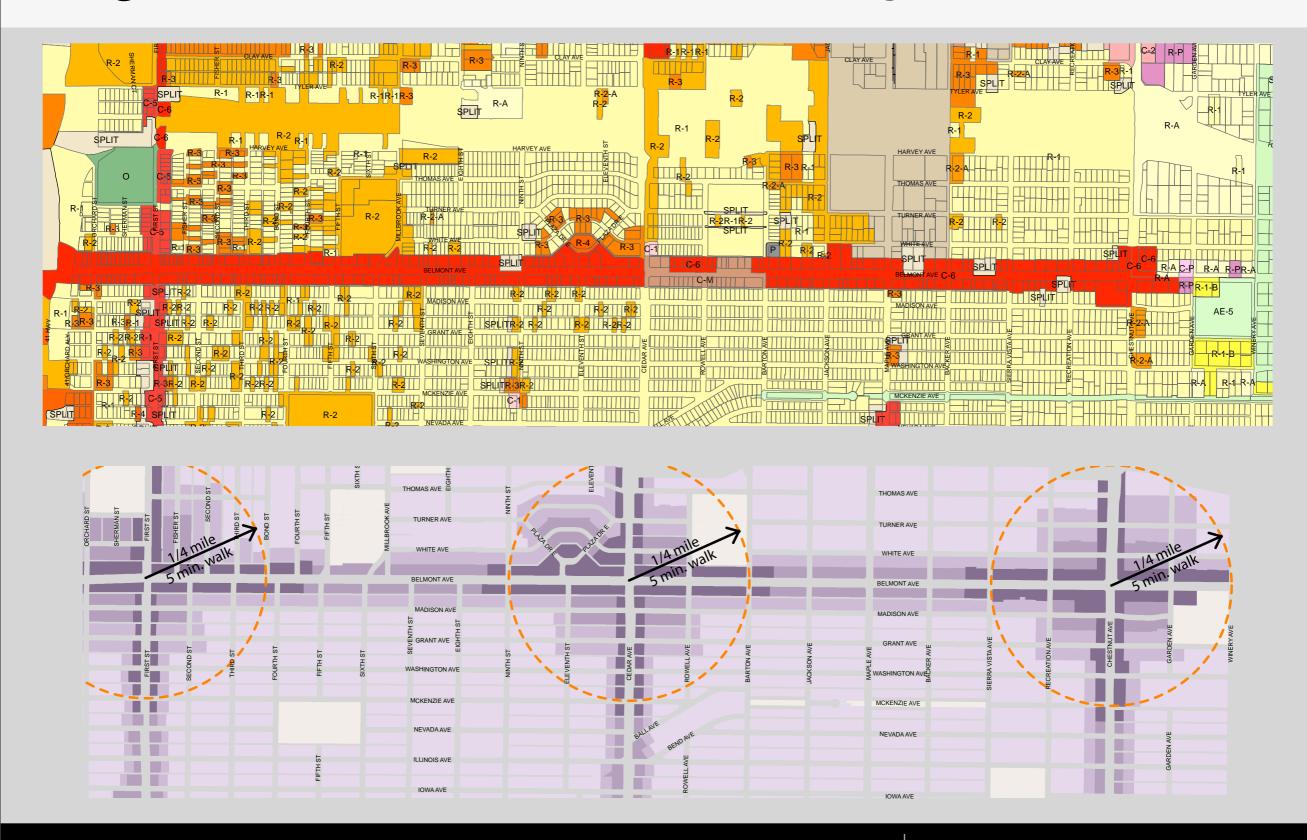


Neighborhood Main Streets: Primary Focus





Neighborhood Main Streets: Primary Focus





Main Streets Lack Sense of Place or Reason to Stop





Do Not Compromise Walkability





Base Policy Decisions on Pedestrian-Oriented Nature

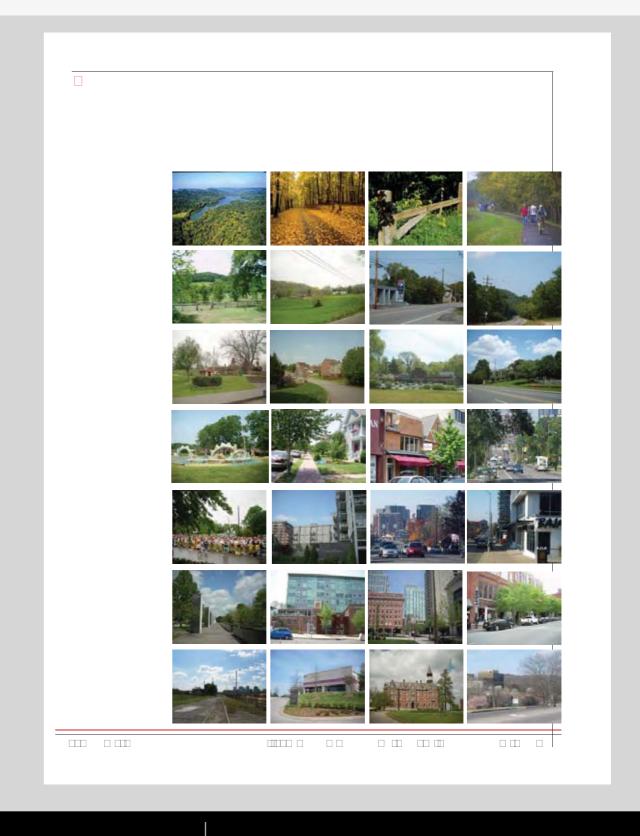
Policy decisions need to be made to balance or prioritize the desired pedestrian-oriented nature of these areas versus the flow of traffic through them





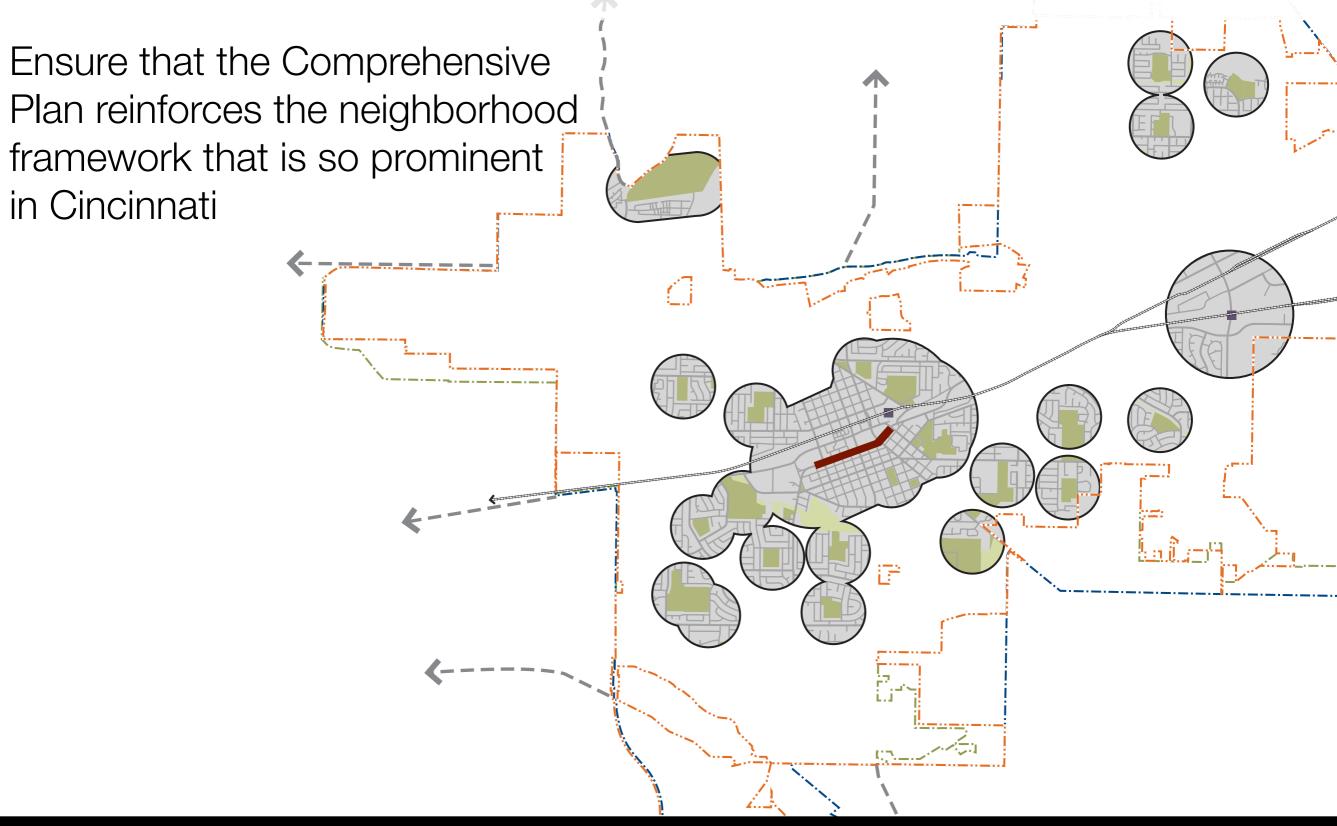
Tie these place-making elements together:

- Urban design
- Land use
- Transportation
- Housing elements



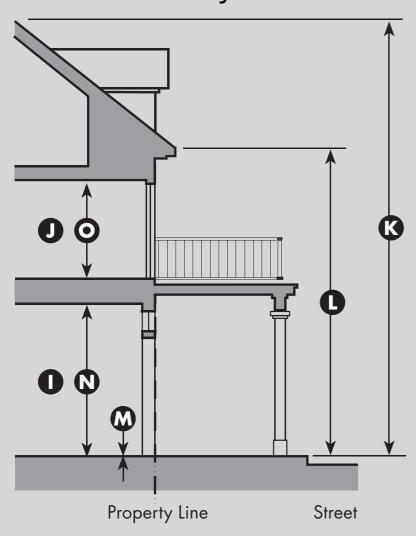


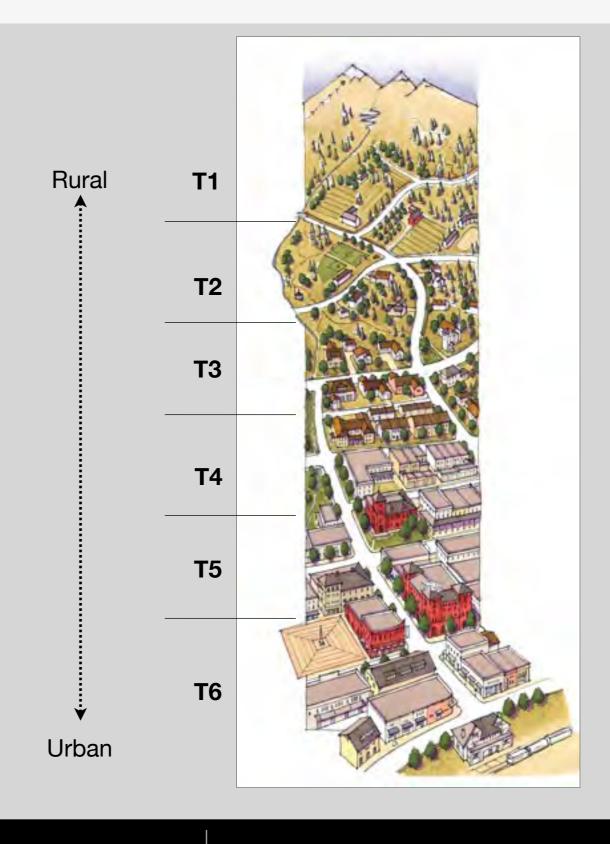
Reinforce Neighborhood Framework





Introduce all Form-Based Code elements (Frontage types, building types, transect zones, etc.) in the Comprehensive Plan to establish a common vocabulary





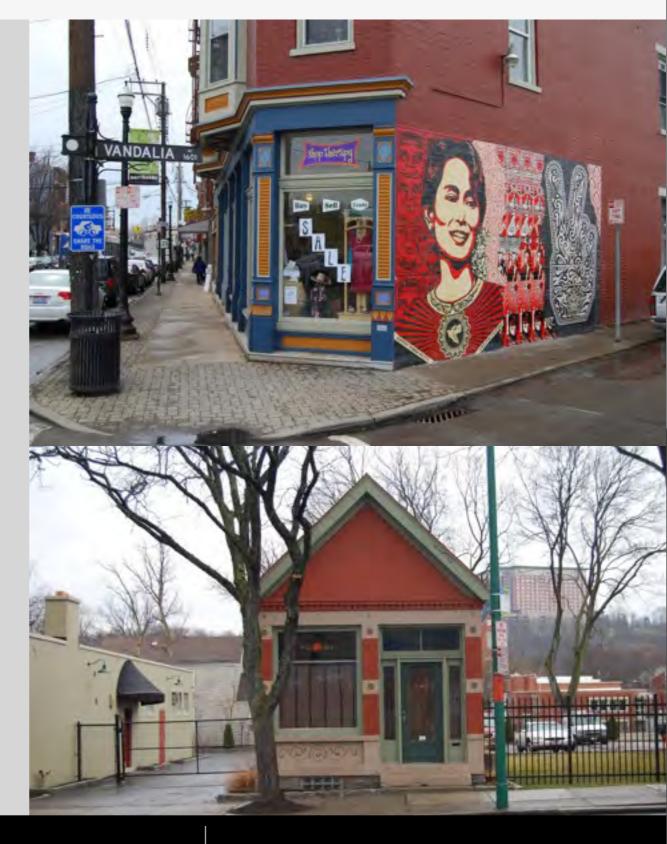


Comprehensively assess neighborhood main streets (neighborhood business districts) from an economic and geographic standpoint





Classify each neighborhood by degree of change (preservation, evolution transformation) and general mix of Transect zones





- 1. Include implicit policy reinforcement of the FBC integration
- 2. Reinforce a collective effort and buy-in with all City staff





Include an Economic Consultant

- Citywide retail assessment and strategy with focus on reinforcing and revitalizing neighborhood main streets
- 2. Determination of where are the best locations to allow auto-dependent retail and a targeted square footage amount in order to minimize impacts on neighborhood main streets
- 3. Commercial and residential market studies as necessary

Note: Probably should be part of Comprehensive Plan Process





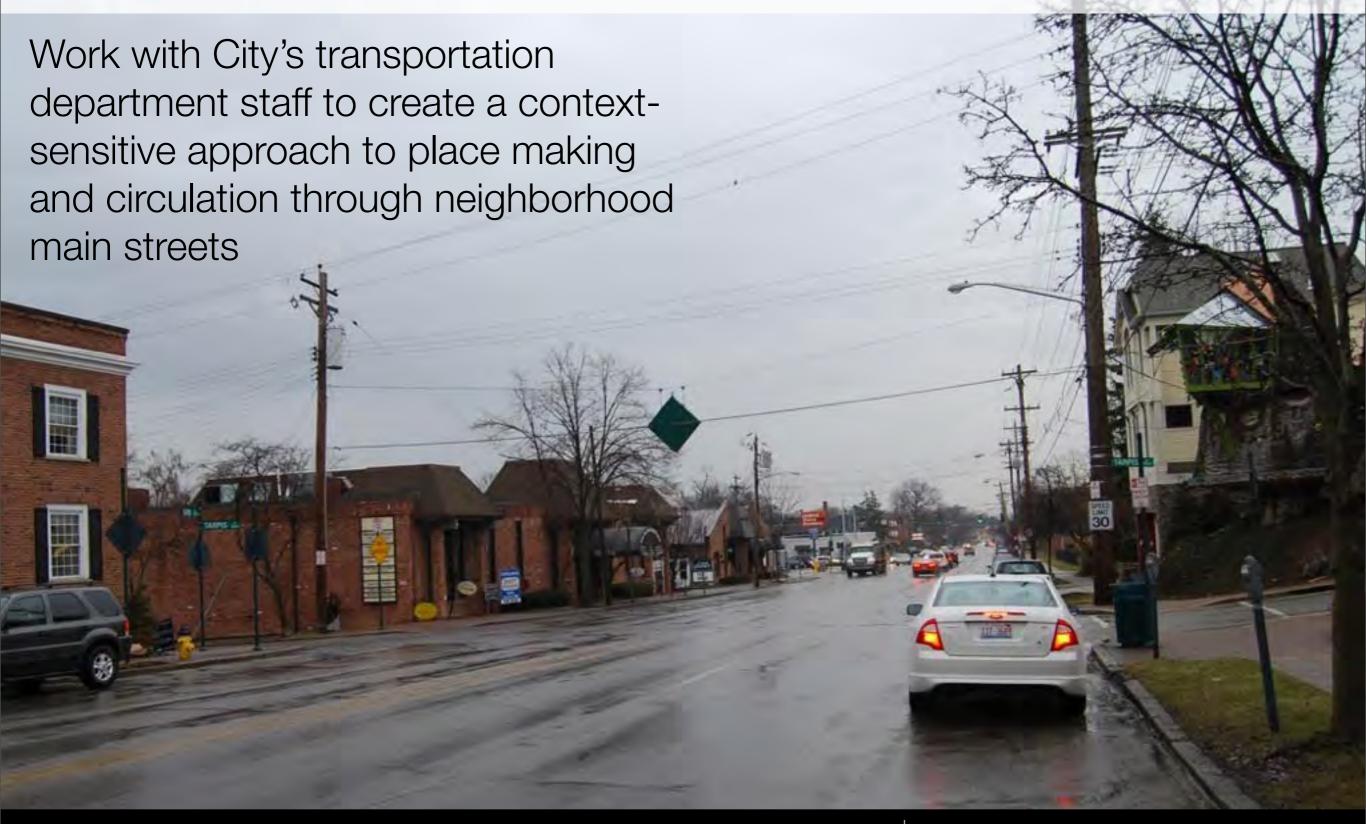
Include a Retail Consultant (Main Street Focus)

Retail Programming and management strategy (at a minimum for pilot main street(s))





Include a Transportation Consultant





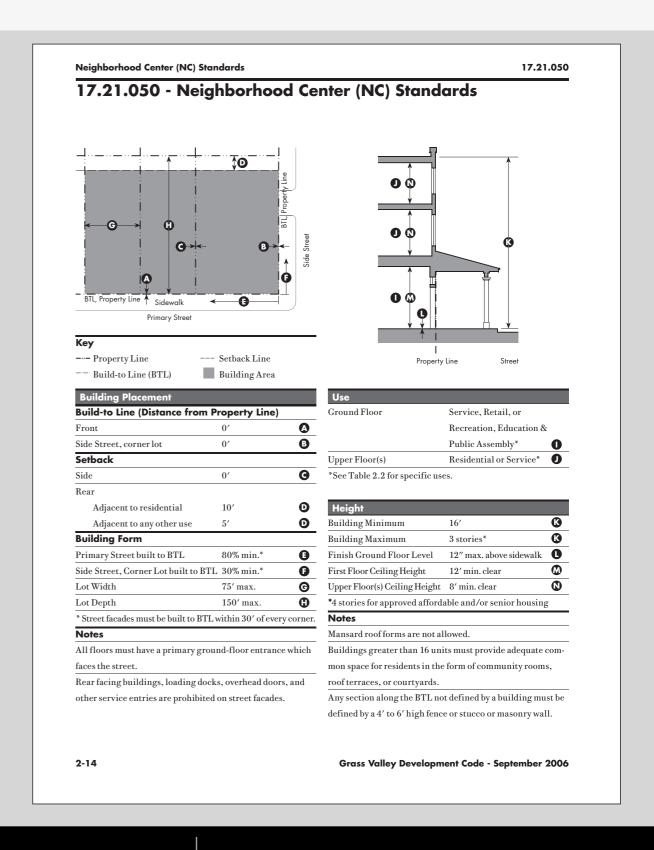
Note on Multi-Disciplinary Team

- This ground work may actually be more important than the Form-Based Coding itself relative to the revitalization of the main streets
- It will be difficult to find these consultants
- This economic work should be closely integrated with the economic work on the Comprehensive Plan



FBC Administration Should be Addressed Now

The City must think long term about staffing, implementation and administration to ensure long term effectiveness of FBC application





General Notes

- Community, property owner, and developer/builder support is necessary for this process to be successful
- 2. Form-Based Codes should not be seen as the silver bullet, but rather an important component to a comprehensive strategy to help the selected areas meet their community goals



Questions and Discussion





The Proposed Process: Public Outreach, Vision Plans, and Form-Based Codes are Created and Applied to the Focus Neighborhoods

Form-Based Code Preferred Approach

Process Objectives

- Select a process that provides short-term, positive results in select areas, but establishes a framework for the long-term application of Form-Based Coding throughout the City
- Work actively with the community, developers, stakeholders, and property owners to guide the process and to build consensus to move the process forward
- 3. Consolidate focus areas as much as possible in order to minimize the cost of the charrette process, while ensuring this does not compromise the results





Process Objectives (cont'd)

- 4. Create a Form-Based Code and integrate it into the existing zoning code in a way that enables easy future applications, requiring only minor changes for application to other areas
- 5. Establish a framework to enable City staff to implement future plans and codes through the creation of an Urban Design/ Form-Based Code Studio within staff
 - a. Be sure **staff** is **engaged**
 - b. Create a **manual** to guide staff on future applications





Step 1: Initial Charrette and FBC Application

Three Steps:

- 1. Phase I: Pre-Charrette (Foundation)
- 2. Phase II: Charrette (Visioning and Testing)
- 3. Phase III: Post Charrette (Crafting the Document)





Phase 1: Pre-Charrette (Foundation)

Partial task list:

- 1. Project kick-off meeting in Cincinnati
- 2. Laying the groundwork for a successful charrette:
 - a. Neighborhoods to complete the to do list provided
 - b. Finalize the neighborhood documentation and determine the degree of change for each neighborhood





Phase 1: Pre-Charrette (Foundation)

- 3. Determine appropriate grouping of neighborhoods for subsequent charrettes
 - a. Provide lessons learned for future FBC application
 - b. Can likely complete all focus neighborhoods with three to four charrettes, assuming three to five focus neighborhoods are grouped per charrette based on complexity.

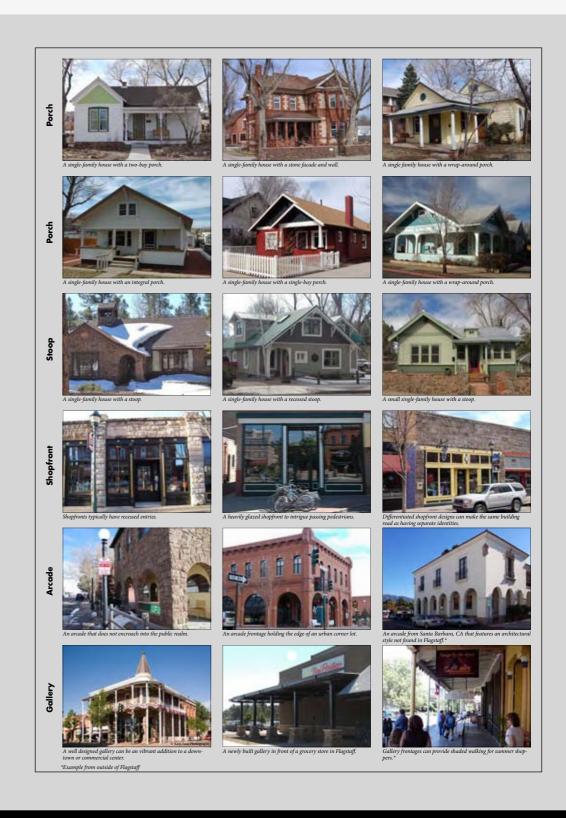






Phase 1: Pre-Charrette (Foundation)

- 4. Initial Public Workshop
 - a. Stakeholder interviews completed
 - b. Comments gathered from participants
 - c. Communication (web and mailings) about the charrette completed
- 5. Background studies completed (market, retail, circulations, etc.)
- 6. Charrette logistics planning
- 7. **Draft of Form-Based Code** completed (60-75% Draft)





Phase II: Charrette (Visioning and Testing)

		4-Da	y Charrette			
	Monday	Tuesday	Wednesday	Thursday	Friday	
8:00 AM						
9:00 AM		Team Meeting	Team Meeting	Team Meeting		
10:00 AM					Final Design & Co Production	ode
		Open Studio Starts Meeting with Stakeholders as needed	Open Studio Starts Meet with Staff as needed	Open Studio Starts Meet with Staff as needed		
11:00 AM		Stakeholders as needed	needed	needed		
		Lunch brought in for team	Lunch brought in for team	Lunch brought in for team		Opening Presentation
12:00 PM		Brown Bag Lunch Presentation:	Brown Bag Lunch Presentation:	Brown Bag Lunch Presentation:		
4 00 514		Pedestrian-Oriented Street Design	Form-Based Codes	Main Street Retail		Brown Bag Lunch Open to Public
1:00 PM						Public Open House
2:00 PM		1:30 - 3:30 Meetings with Staff: Code discussions	Transportation and Traffic Meeting	Meeting with stakeholder groups as needed	Lunch brought in f team	for
0.00 514		Street network and design		Studio Closed to public		
3:00 PM				Team Meeting		
4:00 PM	Team Arrives Studio Setup				Review presentation	a with
4:00 PW	·				staff	1 Will 1
5:00 PM	0			Design & Code	Setup for presentat Clean up studio	
0.001 III	Setup for presentation			Production		
6:00 PM	Occasion Brancostation	Public On an House	Dublic Once House		Olasian Brassatati	
	Opening Presentation	Public Open House	Public Open House		Closing Presentati	
7:00 PM	Dinner brought to Studio	Dinner brought to Studio		Dinner brought to Studio		
8:00 PM	space	space	Team dinner out	space	Team dinner / debrie	efing
0.001111				Late Night Studio Work		





Studio Open to Public

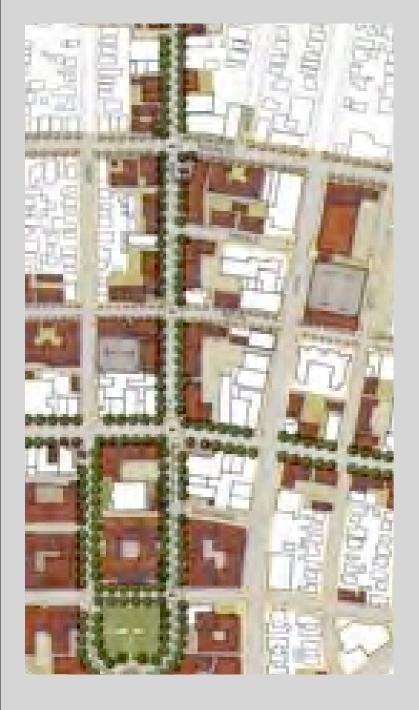
Studio Closed to Public

What Completed: Establish Community Support





What Completed: Detailed Vision Plan













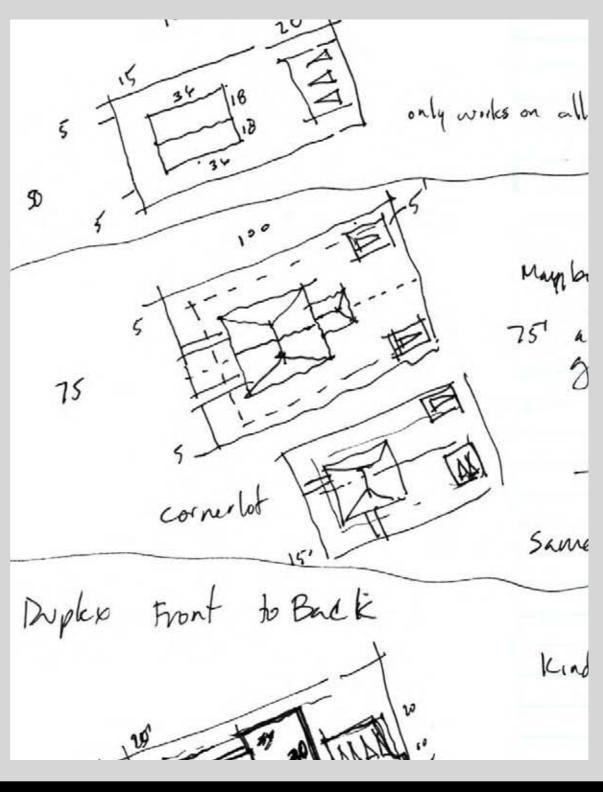
Testing and Refinements to FBC Regulations

Front	0'	A
Side Street, corner lot	0′	В
Setback		
Side	0′	G
Rear		
Adjacent to residential	10′	O
Adjacent to any other use	5′	O
Building Form		
Primary Street built to BTL	80% min.*	•
Side Street, Corner Lot built to I	BTL 30% min.*	G
Lot Width	75′ max.	G
Lot Depth	150′ max.	0

All floors must have a primary ground-floor entrance which

faces the street.

Rear facing buildings, loading docks, overhead doors, and other service entries are prohibited on street facades.





Form-Based Zones Mapped onto Regulating Plan

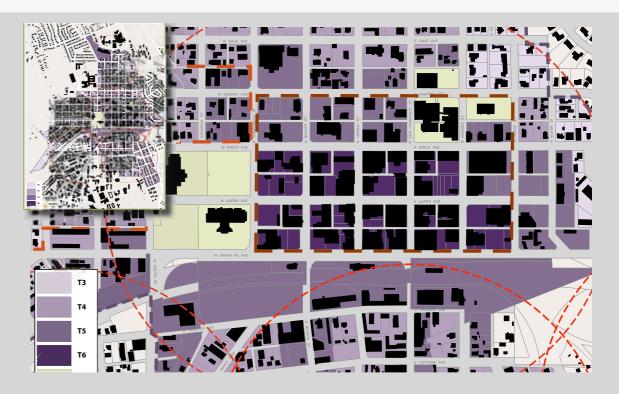


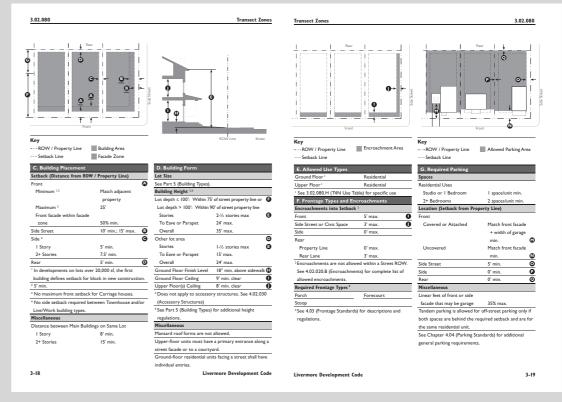


Phase III: Post Charrette (Crafting the Documents)

After the charrette, the Project Team will work to produce two items:

- 1. The Charrette Summary Report; and
- 2. Draft and Final Form-Based Code Document

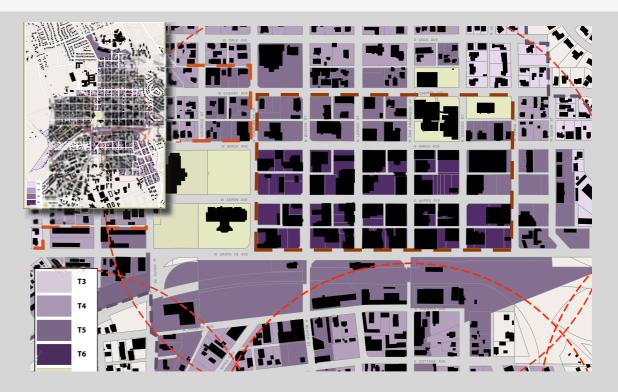


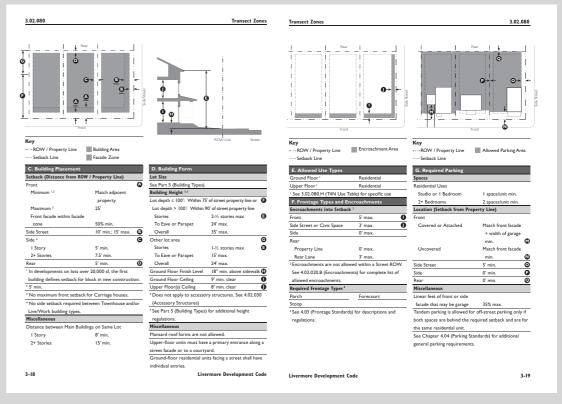




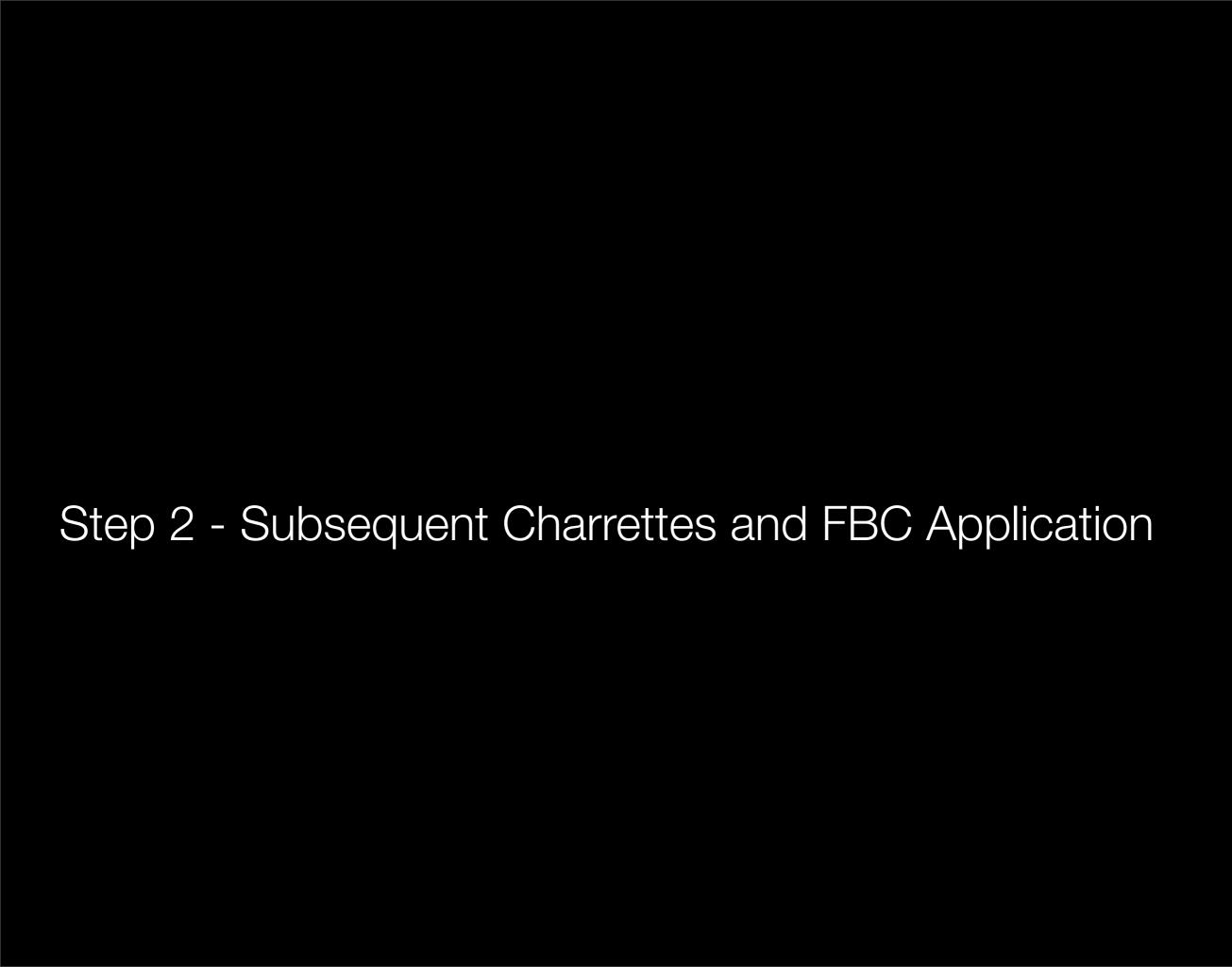
Phase III: Post Charrette (Crafting the Documents)

- 1.At the completion of this phase, the Form-Based Code will be fully integrated into the existing Zoning Code
- a. Zoning Amendment Complete 2.Ready to be used for future FBC application









Subsequent Charrettes Completed for Focus Areas

- 1. Approximately 6-8 weeks apart if the background analysis is coordinated with Phase I listed above
- 2. The pre-charrette and charrette tasks are the same as defined above for Phase I





Subsequent Charrettes Completed for Focus Areas

What is completed during this step:

- 1. Charrette Summary Report for each charrette area
- 2. Form-based zone mapping on Regulating Plan
- 3. Any refinements or additions to the FBC







Other Tasks Completed During this Step

- 1. Consultant creates FBC manual
- 2. An Urban Design/Form-Based Code studio (started at project initiation) is established to administer the FBCs in place
- 3. Ongoing peer review by outside consultant(s) as needed



Potential Timing

Attachment 1: Overview of timing of the process

Schedule	Month 1	Month 2	Month 3	Month 4	Month 5	Month 6	Month 7	Month 8	Month 9	Month 10	Month 11
Step 1 - Initial	Step 1 - Initial Charrette and FBC Application										
Phase I - Pre-Charrette Phase II - Charrette Phase III - Post Charrette	1	2	3		4	5	6				
Step 2 - Subse	equent Charrett	es and FBC Ap	plication								
Charrette 2 (6-8 weeks) Charrette 3 (6-8 weeks) Charrette 4 (6-8 weeks)								7	8		

1	Kick-off meeting
2	Initial public workshop
3	Four- to five-day Charrette
4	Meet to discuss Administrative Draft
5	Meet to discuss Public Review Draft
6	Two to three public hearings
7	Charrette 2
8	Charrette 3
9	Charrette 4



Definitions	Definitions								
IFUII team	5 lead consultant staff members, 1 economist, 1 transportation, and 1 retail consultant for the full charrette								
Targeted team	4 lead consultant staff members full charrette, 2 subconsultants half time and 1 subconsultant full time								

Estimated Cost Variations: (for Charrettes only, not including Pre- or Post Charrette)						
Range	low	high				
1. 3-Day (min length): Full team	\$65,000.00	\$75,000.00				
2. 3-Day (min length): Targeted team	\$50,000.00	\$55,000.00				
3. 4-Day: Full team	\$82,000.00	\$88,000.00				
4. 4-Day: Targeted team	\$63,000.00	\$68,000.00				
5. 5-Day: Full team	\$97,000.00	\$104,000.00				
6. 5-Day: Targeted team	\$75,000.00	\$80,000.00				



Attachment 2: Estimated Costs

Budget			Fee R	lange	Total Fee an	d Expenses
Step 1 - Initia	l Charrette and Fl	BC Application				
Range			low	high	low	high
	Charrette prep	Lead consultant / Urban Design	\$25,000.00	\$45,000.00	\$65,000.00	
Phase I - Pre-Charrette		Sub-Consultants**				\$95,000.00
	Draft code writing		\$40,000.00	\$50,000.00		
Phase II - Charrette*		\$63,000.00	\$68,000.00	\$63,000.00	\$68,000.00	
	Charrette Summa	ry Report	\$10,000.00	\$15,000.00	-) -	\$402,000,00
	Admin Draft FBC		\$25,000.00	\$35,000.00		
Phase III - Post	Public Review Dra	aft FBC	\$10,000.00	\$20,000.00		
Charrette	Final Draft FBC		\$5,000.00	\$10,000.00		\$102,000.00
	2 Public / Draft Re	eview Meetings	\$6,000.00	\$10,000.00	1	
	3 Public Review h	earings	\$9,000.00	\$12,000.00		
Total - Step 1					\$193,000.00	\$265,000.00



**Potential Sub-Consultants for Phase I - Pre-Charrette							
Range	low	high	low	high			
Transportation Consultant	\$20,000.00	\$30,000.00					
Market Studies	\$35,000.00	\$60,000.00	TBD	TBD			
Economic Development	TBD	TBD					

Definitions	
Full team	5 lead consultant staff members, 1 economist, 1 transportation, and 1 retail consultant for the full charrette
Targeted team	4 lead consultant staff members full charrette, 2 subconsultants half time and 1 subconsultant full time

Estimated Cost Variations: (for Charrettes only, not including Pre- or Post Charrette)						
Range	low	high				
1. 3-Day (min length): Full team	\$65,000.00	\$75,000.00				
2. 3-Day (min length): Targeted team	\$50,000.00	\$55,000.00				
3. 4-Day: Full team	\$82,000.00	\$88,000.00				
4. 4-Day: Targeted team	\$63,000.00	\$68,000.00				
5. 5-Day: Full team	\$97,000.00	\$104,000.00				
6. 5-Day: Targeted team	\$75,000.00	\$80,000.00				



Step 2 - Subsequent Charrettes and FBC Application							
Range		low	high	low	high		
	Pre-Charrette	\$10,000.00	\$20,000.00		\$113,000.00		
Charrette 2* (6-8 weeks)	Charrette*	\$63,000.00	\$68,000.00	\$88,000.00			
(Post Charrette	\$15,000.00	\$25,000.00				
	Pre-Charrette	\$10,000.00	\$20,000.00		\$113,000.00		
Charrette 3* (6-8 weeks)	Charrette*	\$63,000.00	\$68,000.00	\$88,000.00			
(Post Charrette	\$15,000.00	\$25,000.00				
	Pre-Charrette	\$10,000.00	\$20,000.00				
Charrette 4* (6-8 weeks)	Charrette*	\$63,000.00	\$68,000.00	\$88,000.00	\$113,000.00		
(* * * * * * * * * * * * * * * * * * *	Post Charrette	\$15,000.00	\$25,000.00				
Total - Step	2	\$264,000.00	\$339,000.00				

^{*}Four (4) day targeted team - see also Definitions and Estimated Cost Variations below.



Questions and Discussion





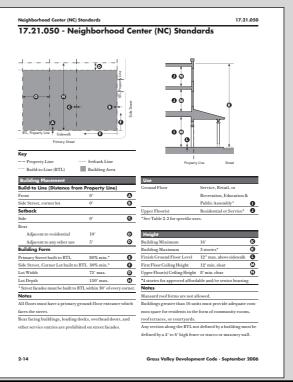
Options for how to plug the Form-Based Code into your Zoning Code

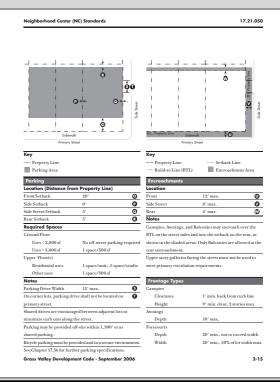
Form-Based Code Preferred Approach

Option I: Integrate FBC Into Separate Chapter

- A. Integrate FBC components into the zoning code Building Form Standards
 - i. Regulating Plan
 - ii. Building Type Standards
 - iii. Civic Space Standards
 - iv. Thoroughfare Standards
 - v. Frontage Standards
 - vi. Site Planning Standards
- B. Make sure these regulations override all others within the zoning code and elsewhere







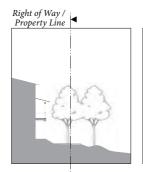


Option II: Integrate FBC Throughout Code

- A. Add form-based zones/Transect zones to the same chapter as the conventional zones
- B. Create new chapters
 - Building Type Standards
 - ii. Civic Space and Thoroughfare Standards
 - iii. Frontage Standards
 - iv. Site Planning Standards

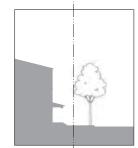
Chapter 2: Building Form Standards

Frontage Types



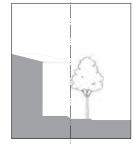
Creekfront: The main facade of the building has a large setback from the frontage line. The resulting front yard may be defined or undefined at the frontage line by a fence or hedge. Walks may have a boardwalk-like character as they will cross the adjacent creekside swale and connect to the creekside trail system. The creekside trail will provide the public frontage for these units. A front porch is optional, but if it is used, it can be one or two story.





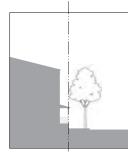
Porch: The main facade of the building has a small setback from the frontage line. The resulting front yard is typically very small and is defined by a fence or hedge to spatially maintain the edge of the street. The porch may encroach into the setback to the point that the porch extends to the frontage line. The porch can be one or two stories. A minimum depth is required within the development standards to ensure usability.





Forecourt: A portion of the main facade of the building is at or near the frontage line and a small percentage is set back, creating a small court space. The space could be used as an entry court or shared garden space for apartment buildings, or as an additional shopping or restaurant seating area within commercial zones. A short wall, hedge, or fence is placed along BTL where it is not defined by a building. The proportions and orientation of these spaces should be carefully considered for solar orientation and user comfort. This frontage type should be used sparingly and should not be repeated along a frontage.





Stoop: The main facade of the building is near the frontage line and the elevated stoop engages the sidewalk. The stoop should be elevated above the sidewalk to ensure privacy within the building. Stairs from the stoop may lead directly to the sidewalk or may be side loaded. The minimum width and depth of the stoop should be 4' clear. The entry door must be covered or recessed to provide shelter from the elements. This type is appropriate for residential uses with small setbacks.





General Notes

- We recommend a mandatory application to Neighborhood Main Streets and possible to all of focus areas
- 2. The FBC would be set up to be optionally applied elsewhere as a overlay or floating zone as is desired
 - a. Ex. Transformation of old shopping center into walkable urban neighborhood
- 3. The Urban Design Overly will likely be replaced with the FBC, but the Hillside and Historic Overlays would likely stay in place
- 4. The goal of any FBC is to streamline the review and approval process



General Notes

- 5. Use of variances should be minimized, and likely not allowed for certain regulations.
- 6. In both options, the form-based zones/
 Transect zones would be mapped directly onto the zoning map once the neighborhood was planned or vision verified with the community



Options for how to plug the FBC into your zoning code

General notes:

- 1. Recommend mandatory application to Neighborhood Main Streets and possible to all of focus areas.
- Code would be set up to be optionally applied elsewhere as a overlay or floating zone
 - i. Ex. Transformation of old shopping center into walkable urban neighborhood
- 3. Administration:



Options for how to plug the FBC into your zoning code

General notes:

- 4. Review and approval process: goal is to streamline.
 - i. Note: How to deal with no?
- 5. In both options, the form-based zones/Transect zones would be mapped directly onto the zoning map once the neighborhood was planned or vision verified with the community.



Process for Neighborhood Workshops & FBC Creation and Application

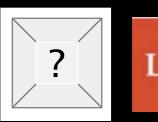
- 1. Put case studies in place to establish high bar and educate staff
- 2. Setup so that staff can take the reigns for leading visioning



The City of Cincinnati, Ohio: Form-Based Code Approach Options

Daniel Parolek
Principal, Opticos Design, Inc.
daniel.parolek@opticosdesign.com
www.opticosdesign.com

Cincinnati Form-Based Code Consultation March 10-11th, 2010







1. Case Study Application with FBC Application Manual

- A. Consultant creates the Code and integrates it into the zoning code
- B. Consultant leads three to four charrettes for neighborhoods that represent the typical conditions for a majority of neighborhoods
 - i. Neighborhood I: Preservation of main street and neighborhood
 - ii. Neighborhood II: Evolution
 - iii. Neighborhood III: Transformation



1. Case Study Application with FBC Application Manual

- C. Consultant creates a manual to determine typical conditions and parameters of how the FBC should be applied to all other neighborhoods.
 - This manual could become the policy driver for each neighborhood within the Comprehensive Plan
- D. Designated urban design staff finishes visioning and creation of regulating plans for all neighborhoods. This assumes that an urban design staff or individual design studio will be created to implement and administer the Form-Based Codes long-term
- E. Ongoing peer review by outside consultant(s)



Benefits:

- Fewer consultant fees up front 1.
- 2. Can complete neighborhoods on own time (set own schedule)
- 3. Builds internal capacity to do visioning and coding (similar to Nashville)
- Systematic approach to all 4. neighborhoods
- 5. Manual created for long-term use and consistent application











































Challenges:

- Necessitates building urban design studio within staff
- Less experienced people in charge of visioning, and ultimately Code application
- 3. Complete neighborhoods on own time (may get drawn out)
- 4. No or limited buffer between staff and neighborhood politics or issues





Questions and Discussion





The City of Cincinnati, Ohio: Approach to Form-Based Code Application

Daniel Parolek
Principal, Opticos Design, Inc.
daniel.parolek@opticosdesign.com
www.opticosdesign.com

Planning Commission Workshop April 30, 2010

