# UPPER TOWNSHIP Form-Based Code



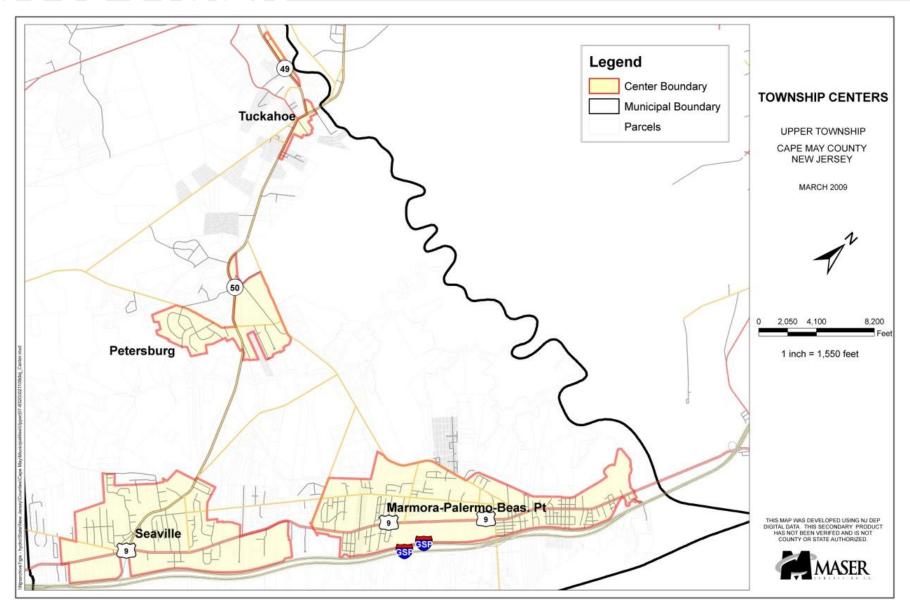
### THE PROJECT

- \$50,000 grant from the NJOSG to prepare Form-Based Code guidelines
- The NJOSG grant requires that the process thoroughly engage the public through a phased participation process

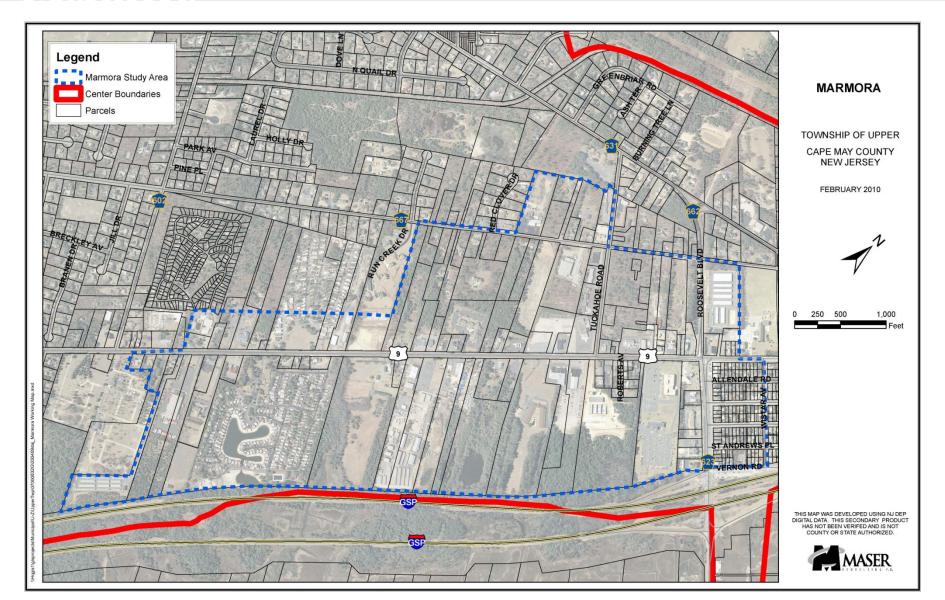
### Project timeline:

- Background analysis
- First workshop | March 7, 2009
- Analysis of first workshop
- Second workshop
- Refinement based on second workshop
- Public presentation of FBC

## STUDY AREA



### Marmora









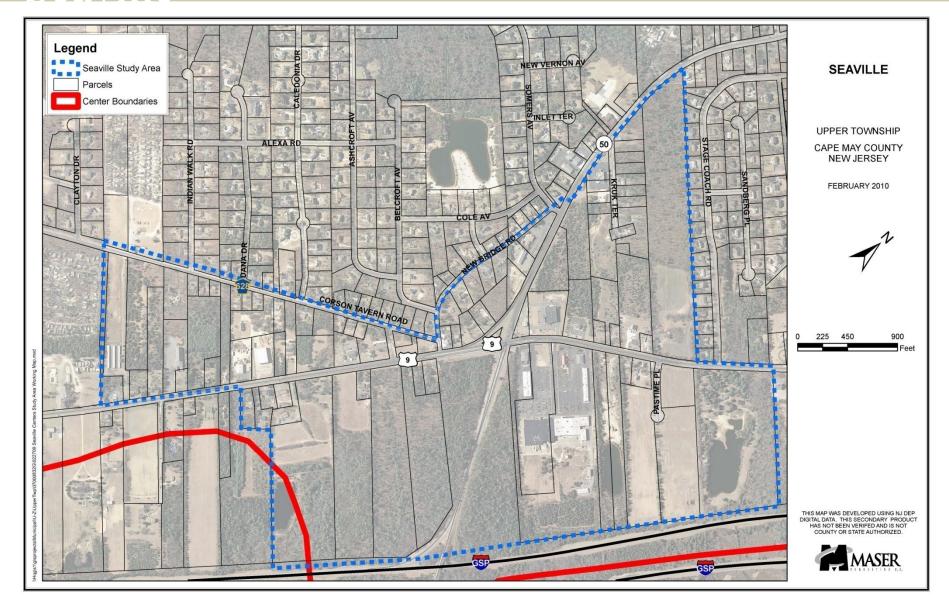








### Seaville











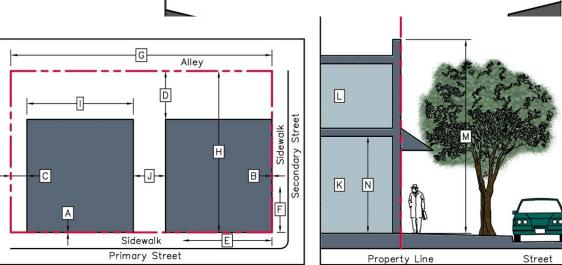






### FORM-BASED CODE

- Looks at the relationship between buildings and the street
- Analyzes the mass of buildings in relation to each other
- Regulations are presented with both text and graphics



### FORM-BASED CODE

Form-based codes typically include the following elements:

- **Regulating Plan**
- **Building Form Standards**
- **Public Space Standards**

Form-based codes sometimes include:

- **Architectural Standards**
- **Landscaping Standards**
- **Signage Standards**



Draft Form-Based Code | Upper Township

Directional signs are permitted throughout the Town Centers to orient and educate visitors about parking locations, public buildings, attractions and historical places. Many communities are using directional signage as a marketing and branding element. The Township is the only permitted entity to install directional signage within the right-of-way. Examples are







This section shall serve to amend Chapter 20-5.10.b.3 and 4 of the Zoning Ordinance with regards to the TC and TCC Zones. The TCR Zone shall follow the signage regulations contained in Chapter 20-5.10.b.6.

### TC and TCC Permitted Signage

- (a) Wall signage
  - (1) One of the three below for each street frontage of each
    - i. Internally-lit raised letters with concealed ballast.
    - ii. Back-lit raised letters with concealed ballast.
  - iii. Signage board with gooseneck lighting. (2) Area shall be 80% of the linear lessee frontage to a
  - maximum of 30 square feet. (3) Wall signage is also permitted for walls facing rear parking areas with the same area as permitted on the front
  - (4) Wall signage must be located below the second story floor
- (b) Hanging Signs
  - (1) One sign is permitted per business per street frontage that is attached perpendicular to the street in addition to the wall signage.
  - (2) Area shall be a maximum of 10 square feet.
  - (3) Letter/logo height shall be a maximum of 6".
  - (4) Hanging signage must be located below the second story floor line.
- (c) Street Address Signage
  - (1) Street address signage is required on each building o individual tenant.
  - (2) Numbers shall be a maximum of 8" in height.







MARMORA REGULATING (ZONING) PLAN

WNSHIP OF UPPER APE MAY COUNTY NEW JERSEY

FERRIJARY 2010



MASER

# Process Form-Based Code

### COMMUNITY VISION SURVEY

- Participants were asked to rate the images they saw on how appropriate they were for the future of the Town Centers.
- $\blacksquare$  Residents were asked to rate each image from -5 to +5.
- The six **highest** images are shown first. They represent the six images that are **most appropriate** according to the participants for the future of Seaville and Marmora.

















### COMMUNITY VISION SURVEY

- The six **lowest** images are shown next.
- The lowest ranked numbers represent the six images that were determined to be completely inappropriate for the Centers.







# -2.9 (2.2) #35





# STREETS





### PEDESTRIANREALM



2.7 (2.5)



### BUILDING TYPOLOGIES





## OPEN SPACE





# PARKING





### COMMUNITY OUESTIONNAIRE

- 8 categories
- 87 responses
- Describe Upper in 3 words:
  - Safe
  - Quiet
  - Rural
- Describe the characteristics of a community you would like to live in:
  - Safe
  - Attractive
  - Convenient

### COMMUNITY OUESTIONNAIRE

- 37.6% of participants want new development plans to include walking and cycling trails
- 48.3% of participants rated the visual character of Marmora as **poor**
- What are the biggest obstacles to creating dynamic Town Centers?
  - Traffic
  - Full interchanges
  - People afraid of change
  - Infrastructure

### WORKSHOP EXERCISES

Exercise #1: How susceptible is the study area to change?

**RED** for preservation - no change

**ORANGE** for minor changes - i.e. façade improvements

**GREEN** for transformation - development/redevelopment







#### WORKSHOP EXERCISES

**Exercise #2: Mobility & Connections** 

Existing thoroughfares that need improvement

New thoroughfares



Image sheets – tape <u>one</u> image for each thoroughfare that illustrates how you would want it to look in the future



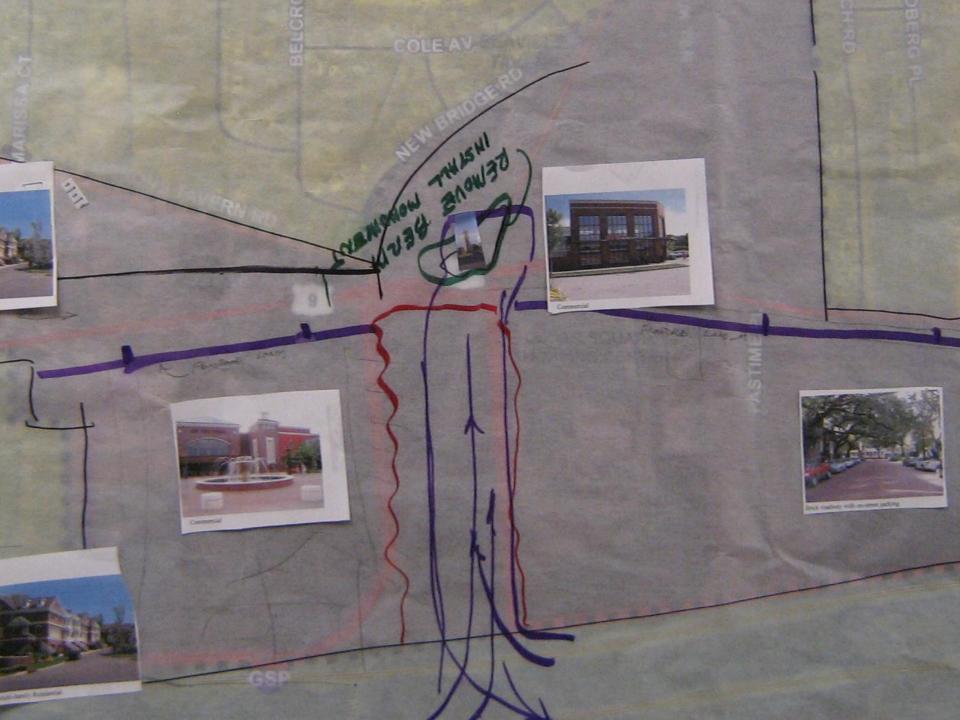
2 MARE ACCESS ONLY

boulevard with trees, lights, etc.

SIDE WALK, X WALKS, NO BIKE PARY



SPORTES



#### WORKSHOP EXERCISES

#### **Exercise #3: Buildings & Location**



What buildings are appropriate along Route 9, County roads, future streets, etc?



Tape two images for each thoroughfare that illustrates how you would want it to look in the future

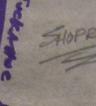


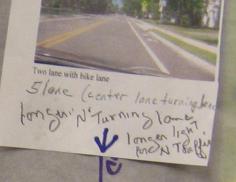


Sike lane with on-street parking



Two lane with brick crosswalks



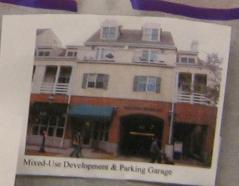


WAWA

C2WAY7











#### **FINDINGS**

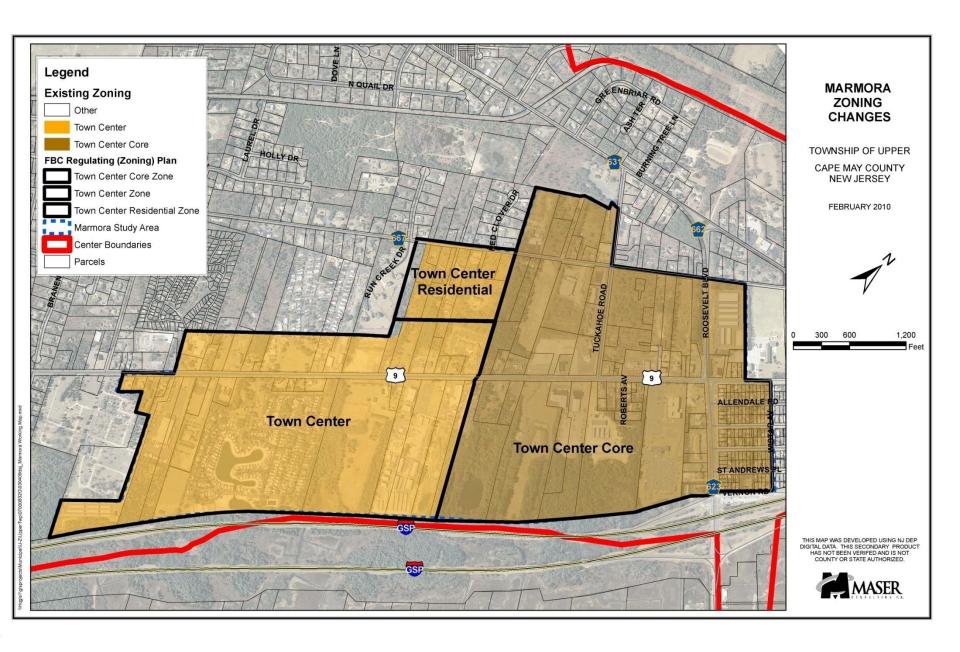
#### We discovered that residents:

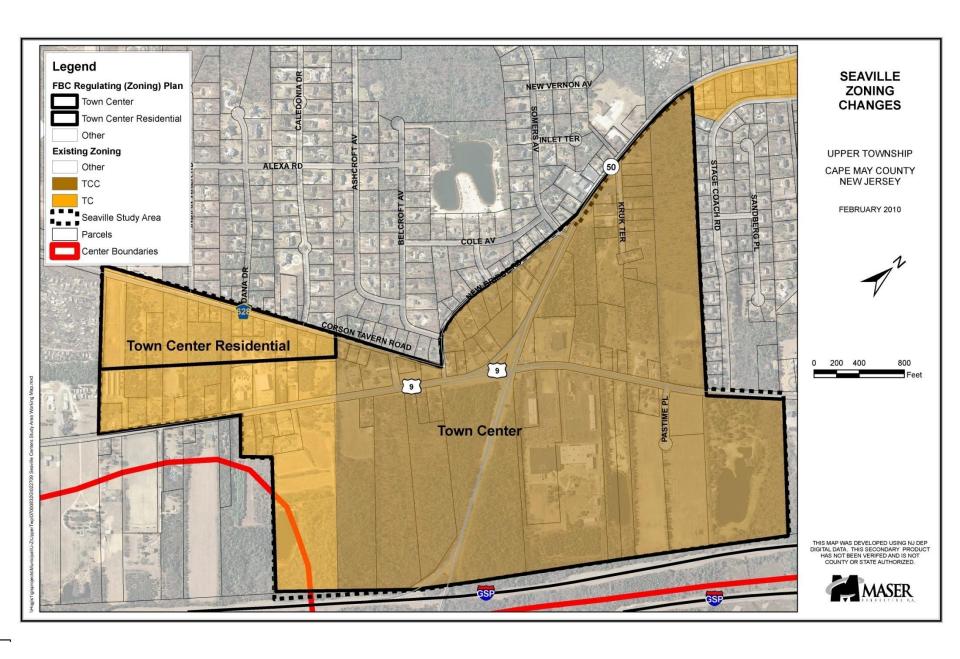
- Are unhappy with the aesthetic quality of the Town Centers
- Feel that many parcels in the Town Centers are ripe for development/redevelopment
- Want sidewalks and crosswalks on streets
- Feel there should be a difference in the development permitted in Marmora and that allowed in Seaville

#### FINDINGS, cont.

#### We discovered that residents:

- Desire a bike network
- Want pedestrian-scaled buildings (not big box stores like Rio Grande)
- Didn't define a specific style for future architecture
- Demand alternative routes to Route 9





### Overview Form-Based Code

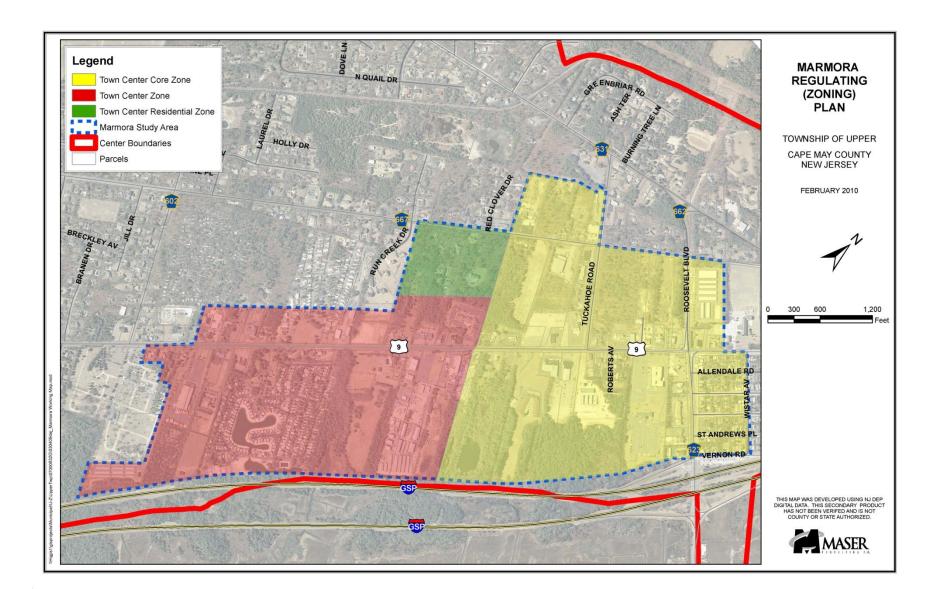
#### Sections

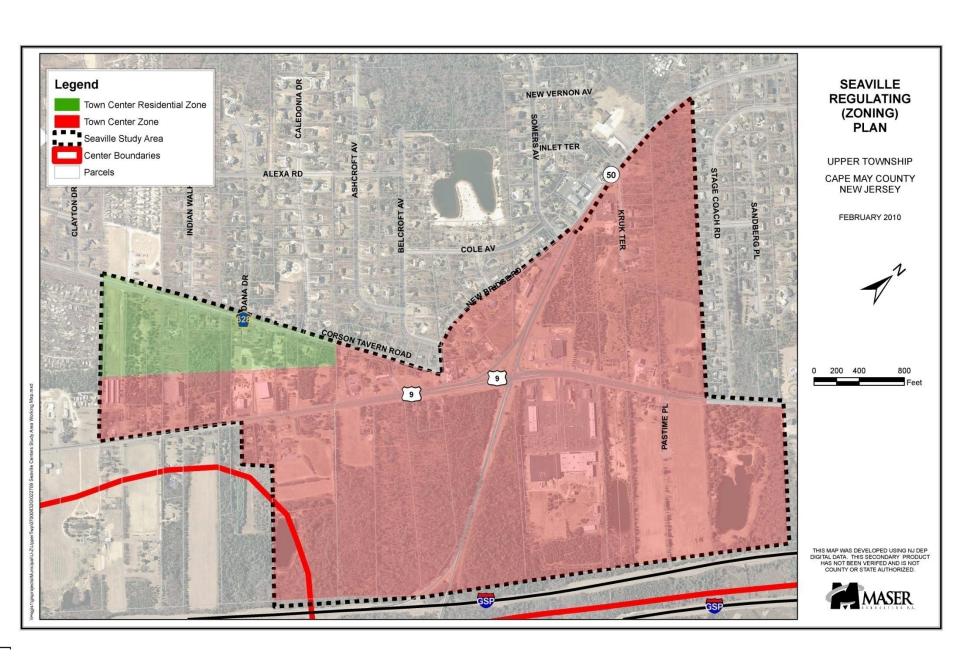
- 1. Vision Statement
- 2. Building, Parking & Use Standards
- 3. Street & Circulation Standards
- 4. Open Space & Park Standards
- 5. Signage Standards
- 6. Architectural Guidelines
- 7. Glossary of Terms

### #1 Vision Statement

In the year 2030, Upper Township will be a safe, attractive community with convenient access to Employment, shopping and recreation, which will be located within its two Town Center cores along Route 9. enhanced with an expanded street grid, interconnected sidewalk network and a Township-wide bike system. Marangra and Scaville will be a transfarmed into desirable places to be their town weaker Ther Town Centers wellreatitaial apportunities. housing types and provide a number of quality job opportunities for residents. Furthermore, the Town Centers will include a mixture of shops, stores and locally-owned restaurants.

# #2 BUILDING, PARKING & USE STANDARDS





## TCC Zone

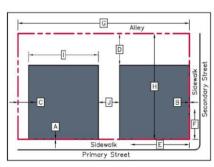


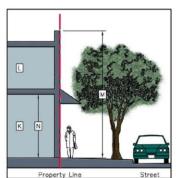
0.6 (2.8)



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#### TOWN CENTER CORE (TCC) ZONE STANDARDS





Lot line = red line

Builance Placement		
Build-to-Line (Distance	from Lot Line)	
Front - Primary Street	o .min 8' max.	Α
Front - Secondary Street	0' min 4' ma"	В
Side	10' min.	C
Rear	30' min.	D
Building Form		
Primary Street Façade built to BTL*	50% at 0'	E
Secondary Street Façade built to BLT*	30% at 0'	F
Lot Width	200' min.	G
Lot Depth	200' min.	н
Building Length	100' max.	- 1
Distance between Buildings	20' max.	J

\*Any building over 30' wide must be broken down to read as a series of buildings no wider than 30' each.

All buildings must have a primary ground floor entrance that faces the primary street; all doors shall be set back a minimum of 4'from the build-to-line.

Ground Floor	Services, Retail, Recreation, Education & Public Assembly	ĸ
opper Floor(s)	Ground Floor Uses & Residential	L
Height		
Building Minimum	2 stories and 25'	M
Building Maximum	3.5 stories and 55'	N
First Floor Ceiling Height	12' min. clear	N
Coverage		
Building Coverage	40% max.	
Impervious Coverage	70% max.	
Dwelling Unit Density		
As-of-Right Per Acre	8 max.	
Non-contiguous Parcel Density Cluster Per Acre*	16 max.	

All residential development requires a 20% affordable housing

Loading docks and service entries are prohibited on facades that

\*See \_\_\_\_\_ of the Zoning Ordinance.

face a primary or secondary street.

setaside; see \_\_\_\_\_ of the Zoning Ordinance.

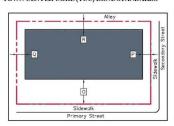
1.4 (2.6)

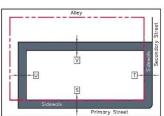
## TCC Zone



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#### TOWN CENTER CORE (TCC) ZONE STANDARDS





Lot line = red line

Parking		
Lucation (Distance from Lot Line	)	
Front - Primary Street Setback	30' min.	U
Front - Secondary Street Setback	10' min.	P
Side Setback	10' min.	Q
Rear Setback	10' min.	R

#### Required Spaces

Automobile

See Chapter 20-5.7.b. of the Zoning Ordinance Bicycle

1 space per 20 automobile spaces

Shared parking is permitted for mixed-use developments when pedestrian access is provided from the street to the rear parking area. Up to a maximum of 20% of the required spaces may be shared.

Driveways are discouraged along SR 9, Roosevelt Blvd.,  $Tuck a hoe\,Road\, and\, Stage coach\, Road\, and\, are\, only\, permitted\, if$ there is no other option for access to parking areas.

Encroachments		
Location		
Front - Primary Street*	6' max.	S
Front - Secondary Street*	6' max.	Т
Side**	6' max.	U
Rear***	6' max.	٧

#### Permitted Frontage Types

Shopfront****	9' min. clea
Arcade****	5 mm. crea
Forecourt****	

#### Notes

\*No encroachments are permitted along a County road and only canopies, awnings and hanging sign encroachments are permitted along a State or local road, which must receive an air rights easement.

\*\*Canopies, awnings and balconies may encroach the side setback, as shown in the shaded area. However, a 10'clearance must be maintained between any encroachment and the

\*\*\*Canopies, awnings and balconies may encroach into the rear setback, as shown in the shaded area.

\*\*\*\*See page \_\_\_\_\_ for examples

## TCC vs TC

#### TCC Zone



Cluster residential density = 16 DU/acre

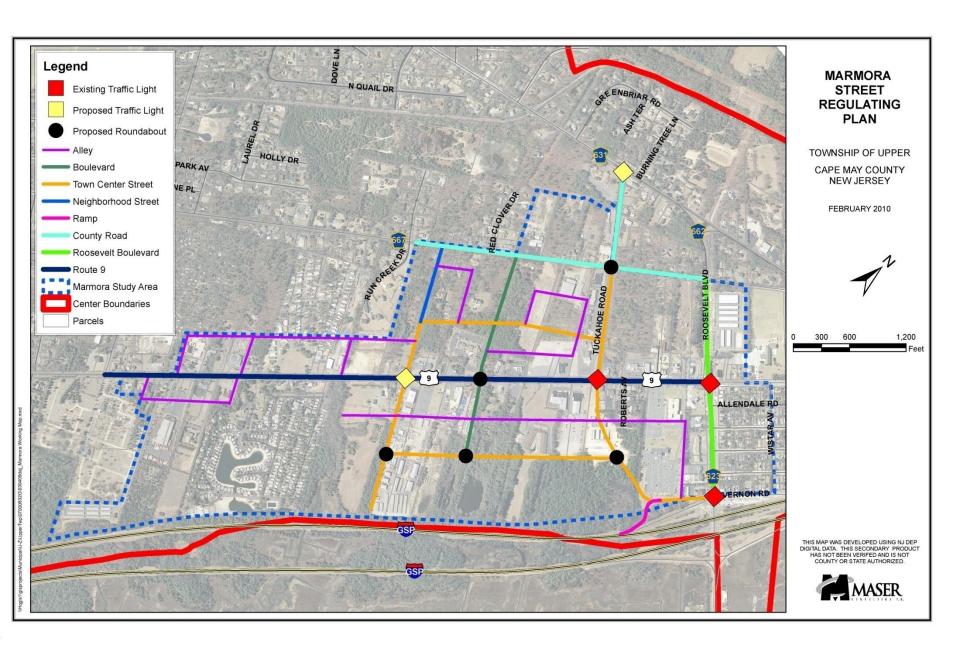
### TC Zone

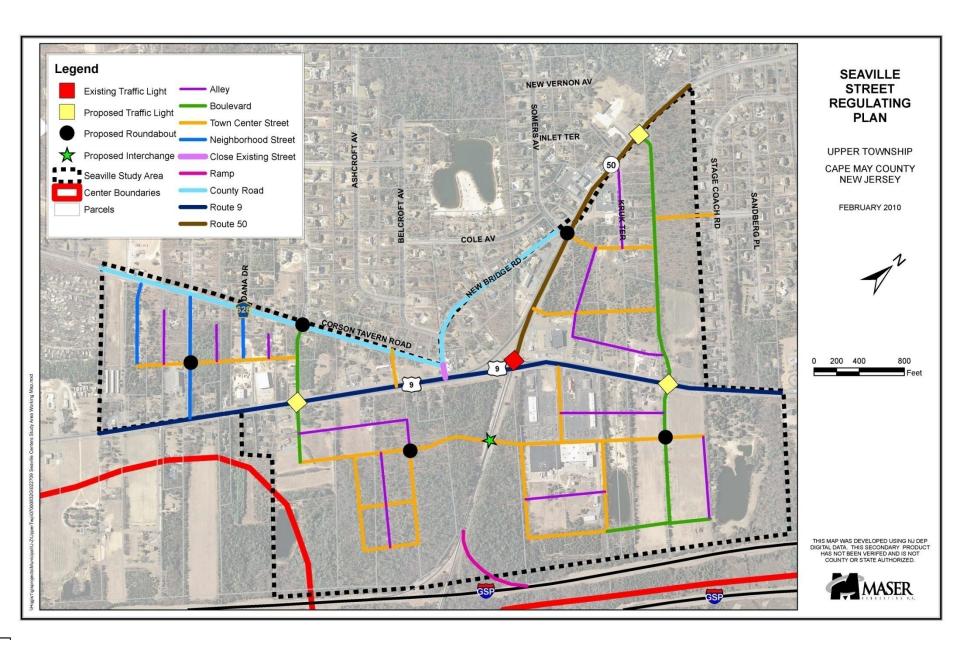


12 DU/acre

## #3 STREET & CIRCULATION STANDARDS

- FBC contains Street Regulating Plan
  - Street types
  - Traffic lights
  - Roundabouts
- Proposed street network





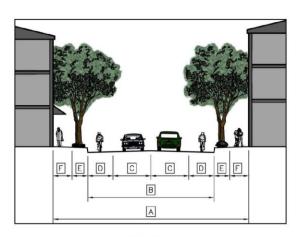
## Route 9



## County Roads



#### County Roads (CR 667, CR 631)

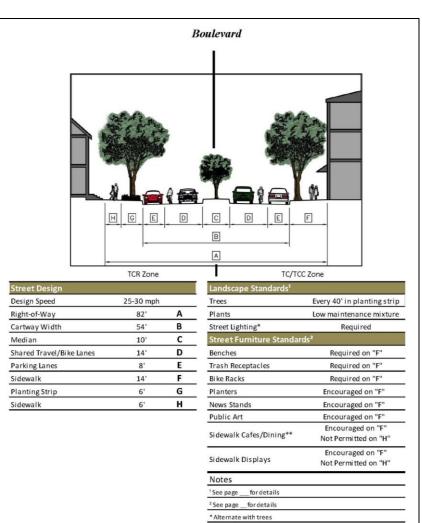


Street Design		
Design Speed	30-35 mph	
Right-of-Way	60'	Α
Cartway Width	40'	В
Median	None	
Travel Lanes	12'	C
Shared Shoulder/Bike Lanes	8'	D
Parking Lanes	None	
Planting Strip	5'	E
Sidewalk	5'	F

Trees	Every 40' in planting strip
Plants	Low maintenance mixture
Street Lighting*	Required
Street Furniture Standa	rds <sup>2</sup>
Benches	1 per 100 linear feet
Trash Receptacles	1 per 200 linear feet
Bike Racks	1 per 200 linear feet
Planters	
News Stands	
Public Art	-
Sidewalk Cafes/Dining	-
Sidewalk Displays	
Notes	
See pagefor details	
See pagefor details	
* Alternate with trees	·

#### Boulevard



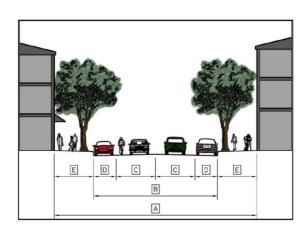


\*\* Must maintain minimum 5' clearance for circulation

## Town Center Street



#### Town Center Street



Street Design		
Design Speed 25-30 mph		
Right-of-Way	72'	Α
Cartway Width	44'	В
Median	None	
Shared Travel/Bike Lanes	14'	C
Parking Lanes	8'	D
Planting Strip	None	
Sidewalk	14'	E

Landscape Standards <sup>1</sup>	
Trees	Every 40' in grate
Plants	
Street Lighting*	Required
Street Furniture Standard	s²
Benches	1 per 100 linear feet
Trash Receptacles	1 per 200 linear feet
Bike Racks	1 per 200 linear feet
Planters	Encouraged
News Stands	Encouraged
Public Art	Encouraged
Sidewalk Cafes/Dining**	Encouraged
Sidewalk Displays	Encouraged
Notes	
<sup>1</sup> See pagefor details	
<sup>2</sup> See pagefor details	
* Alternate with trees	
** Must maintain minimum 5' clea	arance for circulation

5

### #4 OPEN SPACE & PARK STANDARDS

- Purpose to create standards for new open space and parks within the Town Centers
- 3 park typologies
  - Pocket Plaza
  - Town Center Plaza
  - Residential Square
- ■Type of park dependent on size and type of development

TCC & TC Zone Recreation Standards		
Mixed-use Development	Size & Type of Facility	Standards
3.0 to 4.9 acre tract	Pocket Plaza	See page
5.0 + acre tract	Town Center Plaza	See page

#### Town Center Plaza



3.0 (1.6) Highest-rated open space photo

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#### Town Center Plaza







Town Center Plazas will add vitality to the streets and create open spaces for civic purposes and commercial activity. They will provide a gathering place for the community and should be located either at the intersection of important streets or between nodes of activity. The general character of these plazas is as follows:

- Primarily hardscape surface with trees and plantings
- Defined by buildings and streets
- Outdoor dining areas and water features are strongly recommended

3.5% of lot area
100'
100'
1 per 1,500 f of plaza1
150 sf per 1,000 sf or plaza
Required <sup>2</sup>

<sup>2</sup> Must maintain an average of 0.50 foot candle illumination within

\*Irrigation required unless drought resistent native species are

Amenity Standards	
Benches	Required <sup>3</sup>
Trash Receptacles	Required
Bike Racks	1 per plaza
Playground Equipment	*
Planters	Required
News Stands	Encouraged
Public Art	Encouraged
Sidewalk Cafes/Dining	Encouraged
Retail Displays/Kiosks	Encouraged
Notes	

\*1 seat or 24" of bench area per 200 sf of plaza.

#### Pocket Plaza







Pocket Plazas are the smallest type of open space within the Town Centers. They are similar in nature to Town Center Plazas, but act as secondary focal points with the Centers. Typically, these parks are located mid-block, between buildings. Pocket parks provide intimate spaces for seating and dining. They can be created around a sculpture or planting beds.

The general character of these plazas is as follows:

- Primarily hardscape surface with trees and plantings
- Defined by buildings
- Outdoor dining areas are strongly recommended

### Residential Square







Residential Squares will provide a space for residents living within the Town Centers to meet and relax. They function as a large open space for passive or active uses. Trees and plantings should define the edges of the square. The general character of these residential squares is as follows:

- Primarily lawn surface with trees and plantings
- Defined by buildings and streets
- Shaded areas for seating, gazebos and water features are strongly recommended

## #5 SIGNAGE STANDARDS



2.7 (2.1)



This section shall serve to amend Chapter 20-5.10.b.3 and 4 of the Zoning Ordinance with regards to the TC and TCC Zones. The TCR Zone shall follow the signage regulations contained in Chapter 20-5.10.b.6.

#### TC and TCC Permitted Signage

- (a) Wall signage
  - One of the three below for each street frontage of each business:
    - Internally-lit raised letters with concealed ballast.
       Back-lit raised letters with concealed ballast.
      - iii. Signage board with gooseneck lighting.
  - (2) Area shall be 80% of the linear lessee frontage to a maximum of 30 square feet.
  - (3) Wall signage is also permitted for walls facing rear parking areas with the same area as permitted on the front facade.
  - (4) Wall signage must be located below the second story floor line.
- (b) Hanging Signs
  - One sign is permitted per business per street frontage that is attached perpendicular to the street in addition to the wall signage.
  - (2) Area shall be a maximum of 10 square feet.
  - (3) Letter/logo height shall be a maximum of 6".
  - (4) Hanging signage must be located below the second story floor line.
- (c) Street Address Signage
  - Street address signage is required on each building or individual tenant.
  - (2) Numbers shall be a maximum of 8" in height.







61

## #6 ARCHITECTURAL GUIDELINES



1.4 (2.6) Second highest rated building photograph

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#### Guidelines

All buildings shall be designed to convey a small-town scale and character. Buildings shall contain the following design elements:

#### MATERIALS

- Building façades visible from a street shall consist of brick, stone, cast stone, clapboard, cedar shakes or other highquality material.
- Cornices shall consist of wood, stone or fiberglass.

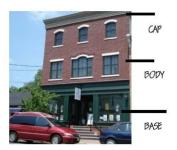
#### SCALE

- The building facade shall create a defining wall along the streetscape.
- Covered archways (minimum eight feet wide) may connect rear parking areas to the street, enabling pedestrian circulation in the TCC and TC Zones.
- Building exteriors shall have vertical and/or horizontal offsets to create visual breaks on the exterior.
- Long, blank, windowless, monotonous, uninterrupted walls or roof planes are not permitted.
- Building wall offsets, including projections and recesses such as balconies, canopies, awnings, architectural details are encouraged.
- Blind windows, display windows and/or intensive landscaping are encouraged in place of blank walls in the TCC and TC Zones.

#### ARTICULATION

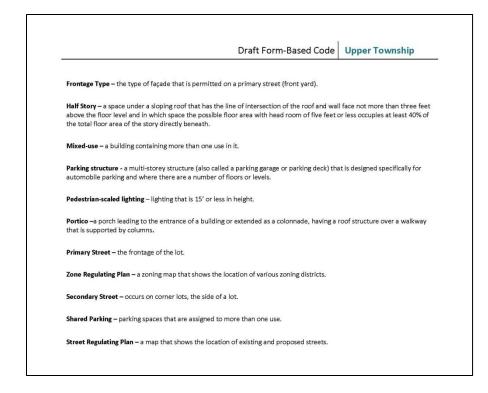
- The building façade shall have a clearly defined base, body and
- . The middle section of the façade may be horizontally divided at floor, lintel or sill levels with belt courses.
- . The architectural treatment of a façade shall be completely continued around all street facing façades of a building. All sides of a building shall be architecturally designed so as to be consistent with regard to style, materials, colors and details.





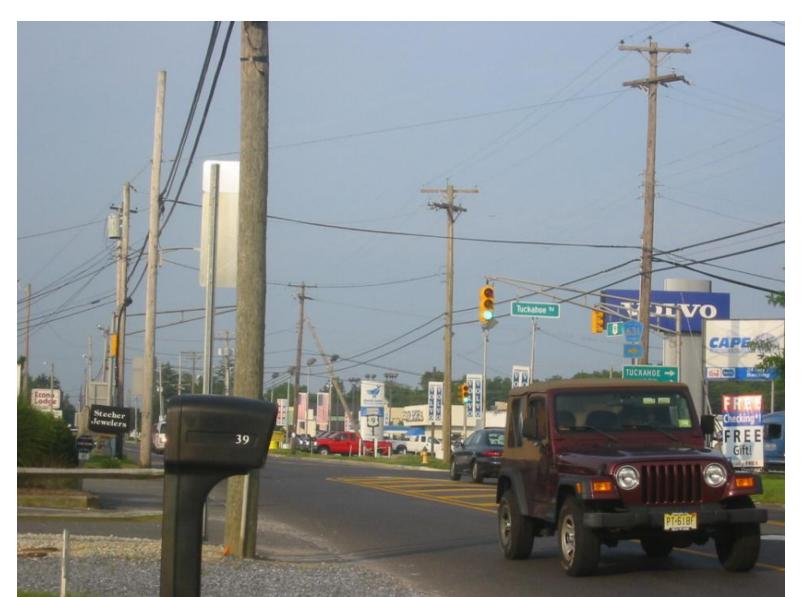
### #7 GLOSSARY OF TERMS

- Purpose to define new terms not currently in Upper Township's code
- Will be incorporated into the zoning definitions section



# How will this work? Form-Based Code

## Route 9 at Old Tuckahoe Road



## Route 9 at Old Tuckahoe Road



## Examples: Infill of Existing Development



**Urban** Advantage

## Examples: Streetscape Infill



## Examples: Streetscape Infill



Sidewalk-oriented buildings in foreground

**Urban** Advantage

# Ouestions & Answers Form-Based Code