

***Thank you for joining. The meeting  
will start shortly!***

***Please use your phone's, tablet's,  
or desktop's internet browser to join  
us on Zoom or Facebook Live...***



***<https://zoom.us/j/98799979340>***



*Comprehensive Plan*

***CPAC Meeting  
Mobility, Smart Cities Technology,  
Sustainability & Zoning***

03/25/21 at 6:00PM

# Tonight's Speakers



**Megha Young, AICP**  
Gresham Smith



**Erin Thoresen, AICP**  
Gresham Smith



**Robert Reed**  
Southface



**Austin Robinson**  
Southface

**Consultant Team Members**

**City of Milton Staff**



**Michele McIntosh-Ross**  
Principal Planner



**Sara Leaders, PE, LSIT**  
Transportation Engineer



**Teresa Stickels**  
Conservation Projects  
Manager

# Agenda

- ***Call to Order & Pledge of Allegiance***
- ***Welcome & Intro of CPAC Discussion***
  - ***Roll Call***
- ***Public Comment***
- ***Review of Community Education Session #3: Transportation & Smart City Technology***
  - ***Review of Mentimeter Results***
  - ***Facilitated Discussion on Hot Topics***
- ***Review of Community Education Session #2: Sustainability***
  - ***Review of Mentimeter Results***
  - ***Facilitated Discussion on Hot Topics***
- ***Review of AG Zoning***
- ***Notes from Meeting & Deliverables***
- ***Next Steps***
- ***Public Comment***
- ***Adjourn***

Roll Call

---

# CPAC Members

## **Members:**

- Todd Chernik, Chair of BZA, Chair of CPAC
- Summet Shadh, Chair of PC, Vice Chair of CPAC
- Zach Middlebrooks, PC
- Kurt Notle, PC
- Fred Edwards, PC
- Marty Lock, PC
- Jan Jacobus, PC
- Ron Gilbert, PC
- Laura Wysong, Chair of DRB
- Martin Littleton, Mayor (at Large)
- Heather Sparkes (District 1/Post 1)
- Brian Maloney (District 1/Post 2)
- Colt Whittall (District 2/Post 1)
- Larry Johnstone (District 2/Post 2)
- Marc Arrington (District 3/Post 1)
- George Yunis (District 3/Post 2)

## **Ex Officio members:**

- Laura Bentley, Councilmember
- Paul Moore, Councilmember

# Public Comment

---

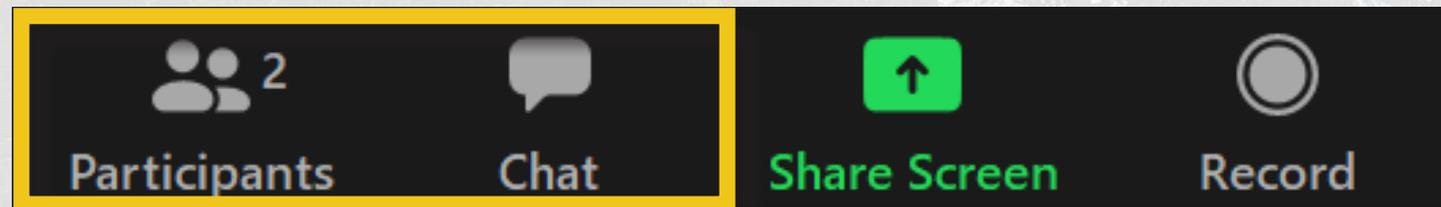
# Guidelines for Participation

- 1. Speak from your own perspective using “I” statements.**
- 2. Respect others’ viewpoints while listening respectfully and intently.**
- 3. Stay focused on the discussion at hand.**
- 4. Ask questions.**
- 5. Be patient with one another as we talk.**
- 6. Use the “raise hand” feature as well as the chat box on Zoom.**
- 7. Use the comment box on Facebook.**

# Guidelines for Participation

- **For ZOOM App users by Computer, Tablet and Smartphone:**

- ***Click Participants in your Meeting controls at the bottom of your screen, and click 'Raise Hand'***



- **For Callers using telephones:**

- ***To Raise Hand - Press \*9***
- ***To Unmute - Press \*6***

- **For Facebook users by Computer, Tablet and Smartphone:**

- ***Type thoughts and questions in comment box. Questions will be answered within a day.***



Recap of Transportation and  
Smart Cities Technology

# Milton Projects and Initiatives

## **Project Progress**

- SR 9 Corridor - Underway
- Morris Rd - Underway
- NE Crabapple - Completed
- **Intersection Projects**
  - 20 Completed
  - 8 Underway
  - 3 Initiated
- **Bridges**
  - 3 Replacement Projects - 1 Underway
  - 4 Projects Initiated
- **Sidewalk Priority Areas**
  - Schools, active parks, form-based code areas
- **Trail Prioritization Plan Completed**
- **Traffic Calming Program**

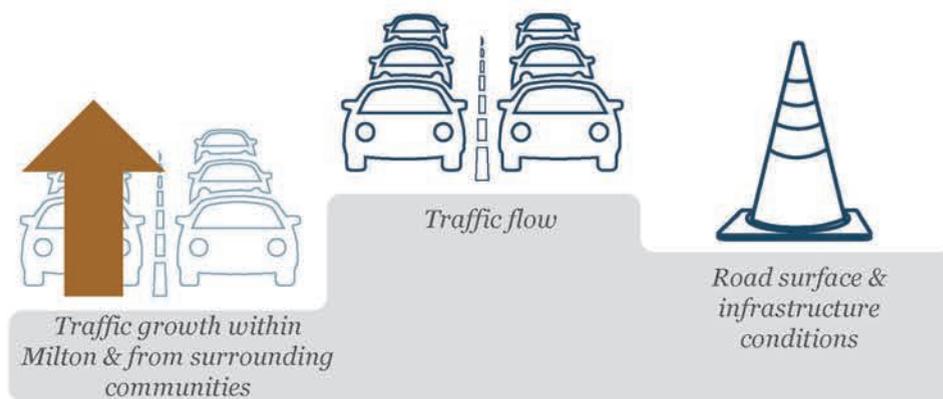
## **Future Initiatives**

- Local Road Safety Plan
- Traffic Calming
- Bicycle Priority Network
- Golf Carts - Explore Personal Transportation Vehicle (PTV) Plan
- TSPLOST II
- Comprehensive Transportation Plan (CTP) - FY22

# Community Survey Results

## Major Themes

- Concerns about:
  - Traffic flow and growth in traffic
  - Road surface and infrastructure conditions
- Support for:
  - Improve bike facilities, connectivity, and safety
  - More trails to support more frequent biking and walking



TOP-RANKED TRANSPORTATION TOPICS

## Support for Potential Initiatives

- Special bike routes
- Bike lanes on roads
- Education for drivers and cyclists
- Technology to improve pedestrian safety and wayfinding

## CITY INITIATIVES COULD INCLUDE:



# *Policies, Programs, and Strategies*

## *Build on Current Practices and New Initiatives*

- Traffic calming
  - Expand beyond local residential streets
- Designate bicycle routes locally and regionally
  - Priority bicycle network
- Complete Streets
- Safe Routes to School
- Education and awareness for drivers, cyclists, and pedestrians



*Priority Bicycle Network*

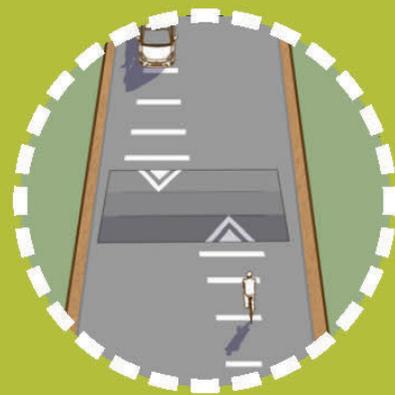


*Expand Walking School Bus*

# Designing for Slower Speeds

## Current Practices

- Traffic calming in residential neighborhoods
  - Ensure emergency access
- Encourage and enhance pedestrian, bicycle, and transit use
- Passive and active measures, such as:
  - Speed cushion or speed hump
  - Speed table / raised crosswalk
  - Chicane /center island



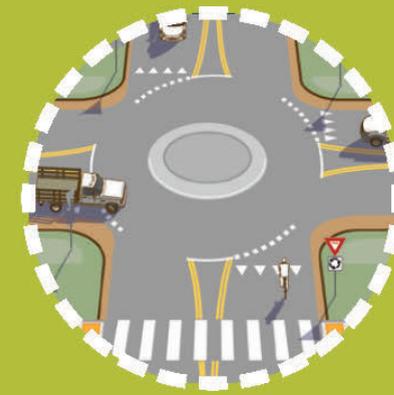
Speed Humps



Median Islands

## Potential New Options

- Incorporate findings from Local Road Safety Plan
- Continue / expand traffic calming
- Treatments such as:
  - Mini-roundabouts
  - Pinch points
  - Enhanced pavement markings



Mini-Roundabouts



Pinch Points



Enhanced  
Pavement Markings

# Multimodal Infrastructure

- Mix traffic on low-speed, low volume streets
- Separate modes where right-of-way allows (e.g., separated bike lane, sidewalk, sidepath, multi-use trail)
- Differentiate spaces by surfaces with different materials, textures, colors, etc. (e.g., paved shoulder, painted bike lane)
- Connect key destinations (e.g., schools, parks, activity centers)
- Enhanced crossings (flashing beacons, high visibility markings, etc.)
- Transitions between facility types

## *Mixed Traffic, Visually Separated*



*Bicycle Lanes*



*Sharrows*



*Paved Shoulders*

## *Physically Separated*



*Sidewalks*



*Separate Bicycle Lanes*



*Shared-Use Paths & Trails*

# Smart Technology for Transportation

## Traffic Applications

- Speed warning and detection signs
- Signal timing and coordination
- Leading Pedestrian Intervals (LPIs) for crosswalks

## Pedestrian Applications

- Audible beacons at crosswalks
- Illuminated crosswalks
- Trail count stations
- Pedestrian Hybrid Beacons (PHBs)
- Rectangular Rapid Flashing Beacons (RRFBs)

## Additional Technologies

- Changeable Message Signs (CMS)
- Device charging stations and Wi-Fi
- Electric vehicle (EV) charging stations



*Expand  
MyWaddle App*



*Rapid Flashing  
Beacons*



*EV Charging  
Stations*



*Dynamic Speed  
Display Signs*



*Trail Counters*



*Illuminated  
Crosswalks*

# Broadband & Cellular Service/Access

## Broadband & Cellular Service

- Milton generally well served
- Community survey indicates most people have broadband access (91%); 62% report greater need for strong broadband
- Community survey indicates most people have average or better cell service (82%); 52% see need for improved cell service

## Strategies and Considerations

- Achieving Connectivity Everywhere (ACE) Act
  - Directs communities to address broadband availability in Comprehensive Plans
- Assess current service
- Identify strategies to maintain or improve access, if needed
  - Funding and partners, interagency collaboration
  - Public and private investment

## Statewide Broadband Focus Areas



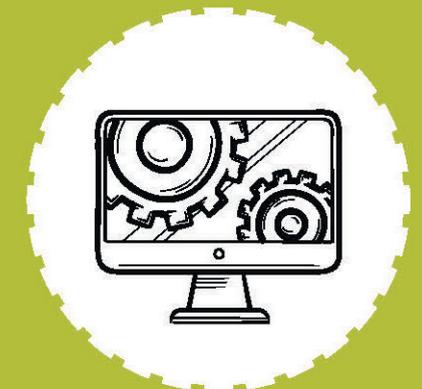
*Education*



*Healthcare*



*Home / Quality of Life*



*Small Business*

# Mentimeter Results

---

# Of the design strategies presented, which do you think would best address transportation safety within Milton? Answer in a few words.

Roundabouts speed humps

More roundabouts

Speed limits clearly marked

roundabout, bike lanes, cross walks at parks

Roundabouts road pinching reduced speed

Roadway design/upgrades like pinch points/chicanes.

Roundabouts

Roundabouts and lower speed limits

35 mph on curvy roads, pinch points, working lights for night safety

# Of the design strategies presented, which do you think would best address transportation safety within Milton? Answer in a few words.

Road pinching

Lowered speed limits

Speed bumps reduce property values. Do not add speed bumps. Roundabouts are fantastic.

Electronic speed signs

Roundabouts, speed feedback signs

# Which of these ideas would best address multimodal needs in Milton? Answer in a few words.

Paved sholders

Do more paved shoulders

Crosswalks

Change code to require sidewalks at new communities close to passive parks

Multi purpose lanes that are separated from vehicle traffic, combine with the proposed trail network.

If we add all these bike lanes, we are encouraging more people to ride next to traffic. Why not add paths away from most main roadways?

Separate bikelanes

the bike path needs to be separate from the road. Sharing the road just does not work. You do not need to put in expensive options. Gravel path in the ditch would be a good short term. Add path under high wire lines.

Separated bike lanes, sharrows, multi-use paths

# Which of these ideas would best address multimodal needs in Milton? Answer in a few words.

Sharrows, paved shoulder-bike lane, lighted crosswalks at parks

Completely separate bike lanes. Pave shoulders in higher trafficked areas.No multi purpose lanes.

Audible beaconsCharging stationsLighted crosswalks

Lighted crosswalks. Charging stations and WiFi. Flashing yellow arrows

# Which of the potential smart cities technology applications are you most excited about exploring in Milton? Name up to three.



# Hot Topics: Discussion

## ***Bike Safety City***

- Identify and develop bike route network
- Five Es -
  - Engineering/design
  - Education
  - Encouragement
  - Enforcement
  - Evaluation/planning
- Coordination with ongoing plans and initiatives

## ***Roadway & Pedestrian Safety***

- Components
  - Network planning
  - Engineering/design
  - Application of technology
- Design for all users
- Slower speeds
- Crossings and connections
- Coordination with ongoing plans and initiatives

## ***Broadband & Cellular State of the City***

- Broadband planning in Georgia
  - Counties and cities formalize broadband connectivity goals by assessing and adopting broadband element in comprehensive plan
- Broadband Ready Community Designation
  - Include broadband element
  - Adopt model ordinance

Recap of Sustainability  
in Milton

---

# Milton's Efforts to Date

## **Recycling**

- Common household recyclables at curbside
- Hazardous household waste
- Electronics
- Christmas Trees

## **Land Conservation**

- Greenspace Bond
- Transfer of Development Rights (TDR) Program
- Habitat restoration
- Conservation Use Value Assessment (CUVA) Workshop
- Large lot incentives
- Agribusiness ordinances



# Milton's Efforts to Date

## ***Environmental Education***

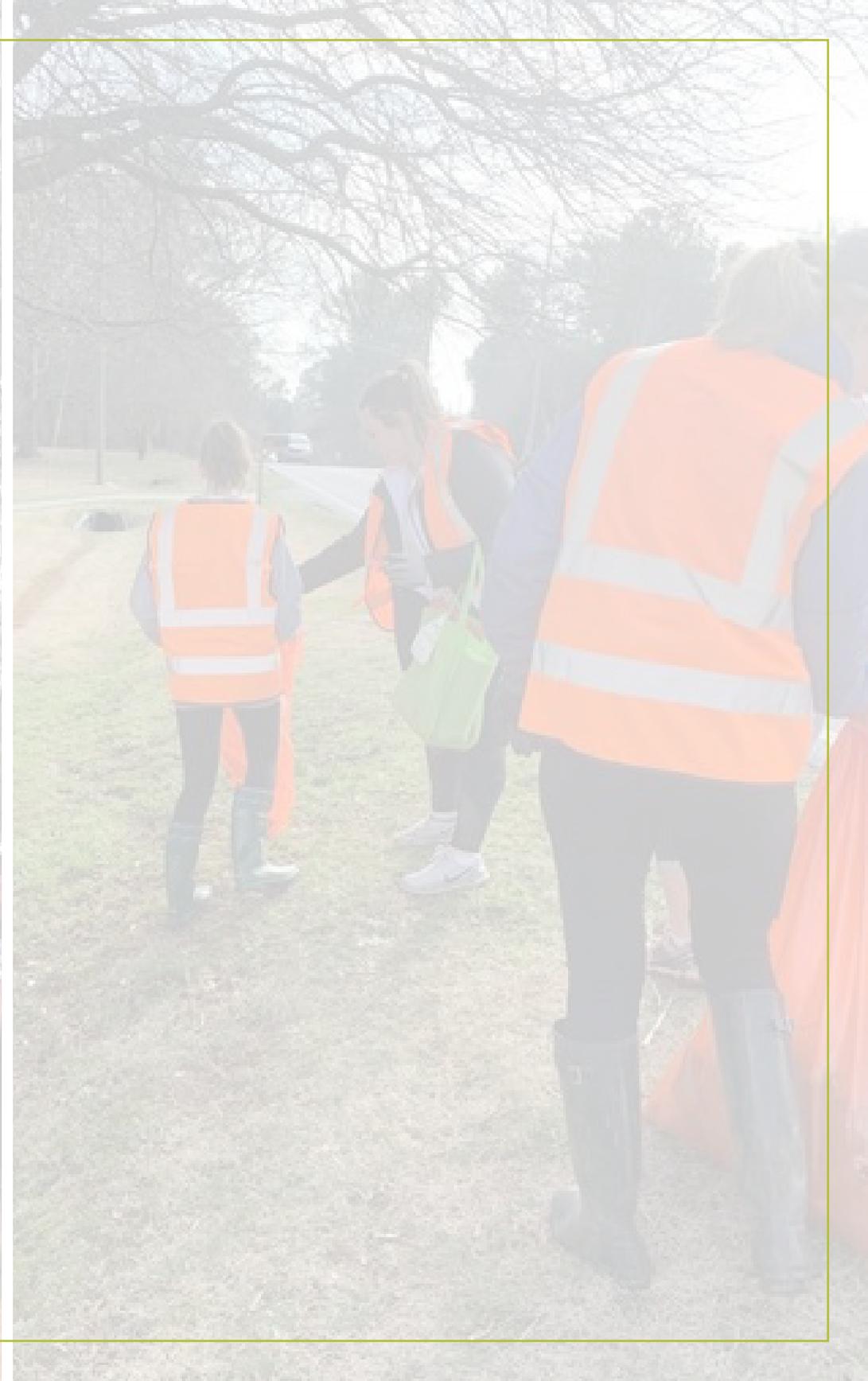
- Earth Day
- Arbor Day
- Septic Tank Workshop
- Mark law Arboretum
- Environmental education grants

## ***Volunteer Engagement***

- Adopt a road
- Rivers alive
- Storm Drain Marking

## ***Upcoming Projects***

- Glass recycling, pollinator gardens & green energy



# Community Survey Results

## What Milton Residents Like (Online Results)

- Expanded recycling programs (through partnerships with other municipalities OR City initiative)
- Tree planting programs
- Composting
- Greenspace bonds for uses such as trails & conservation land
- Large lot residential development and incentives for large lot owners



**400 ac** PURCHASED WITH LAST GREENSPACE BOND

1. Add walking trails (80%)
2. Leave as conservation land (46%)

**& 71%**  
are open to another  
GREENSPACE BOND

**60%**

agree that the City  
**SHOULD PRIORITIZE  
ENVIRONMENTAL  
SUSTAINABILITY**

1. Expanded recycling
2. Tree planting program
3. Composting

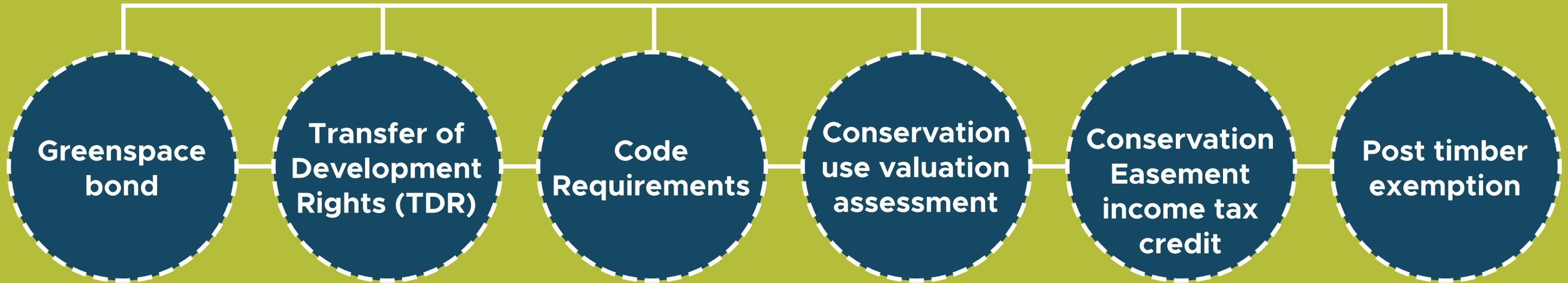
**TOP 3**

## LID STRATEGIES

- 1 Permeable pavers for streets and parking
  - 2 Stormwater planters
  - 3 High-porosity concrete sidewalks and parking
- Vegetated and hardscape filtration

# Rural Character & Sustainability

## Milton's current programs, regulations, and policies



- 400 + acres

- 27 acres

- **AG-1 Zoning** (1 acre minimum; 3 acres on public gravel roads)
- **Lot Coverage Limits** (20% public road; 25% private road)
- **Rural overlay**
  - Viewshed Buffer 60'
- **75-foot stream buffer**

- State and federal policy

- Development waiting period

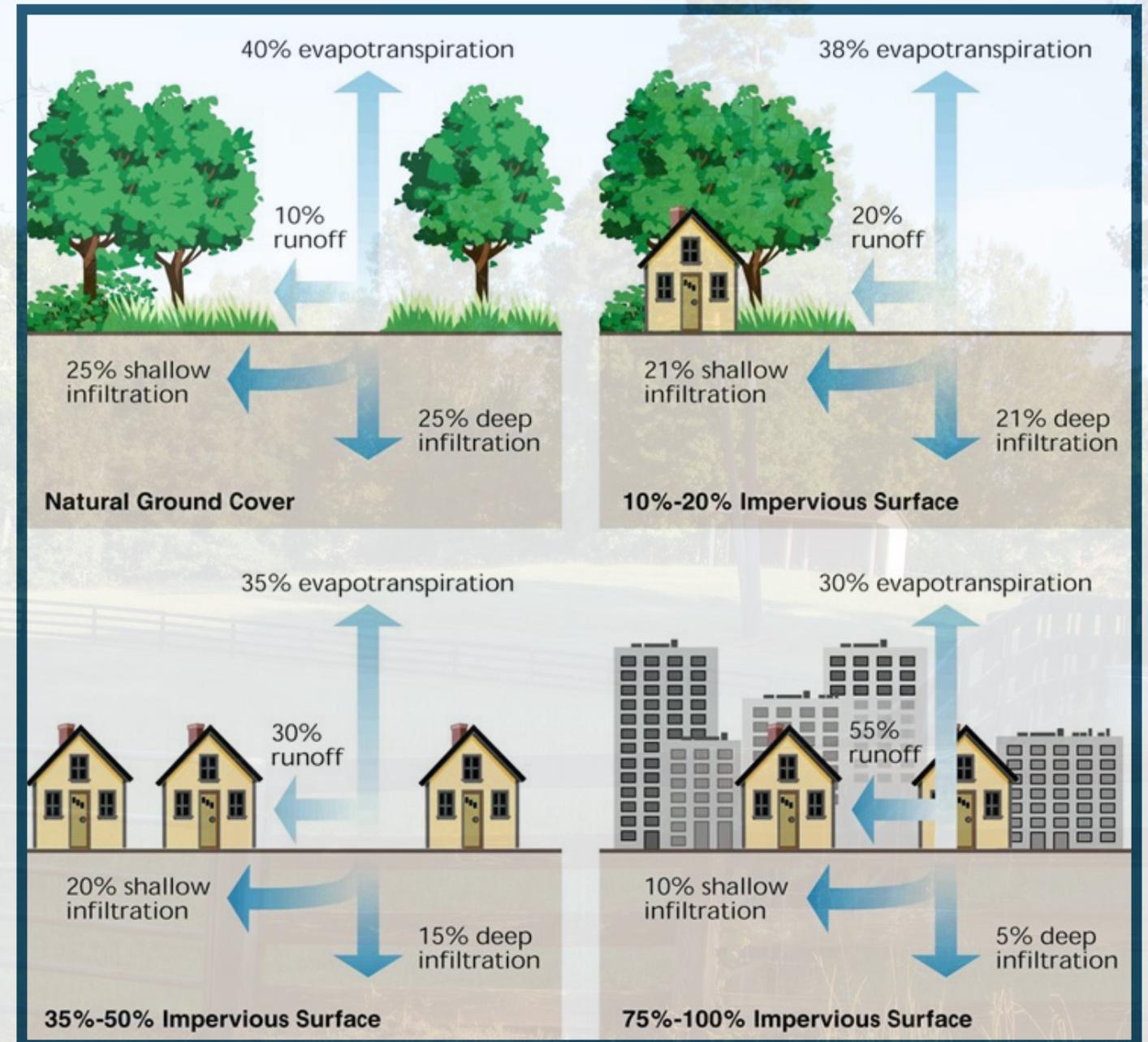


# Rural Character & Water

## Impervious Coverage

- A watershed is forever impacted at **10%** impervious cover
- **10%** cover on an acre lot is only **4,356 square feet**.

*High impervious cover areas like Deerfield are easier to mitigate with Green Infrastructure*

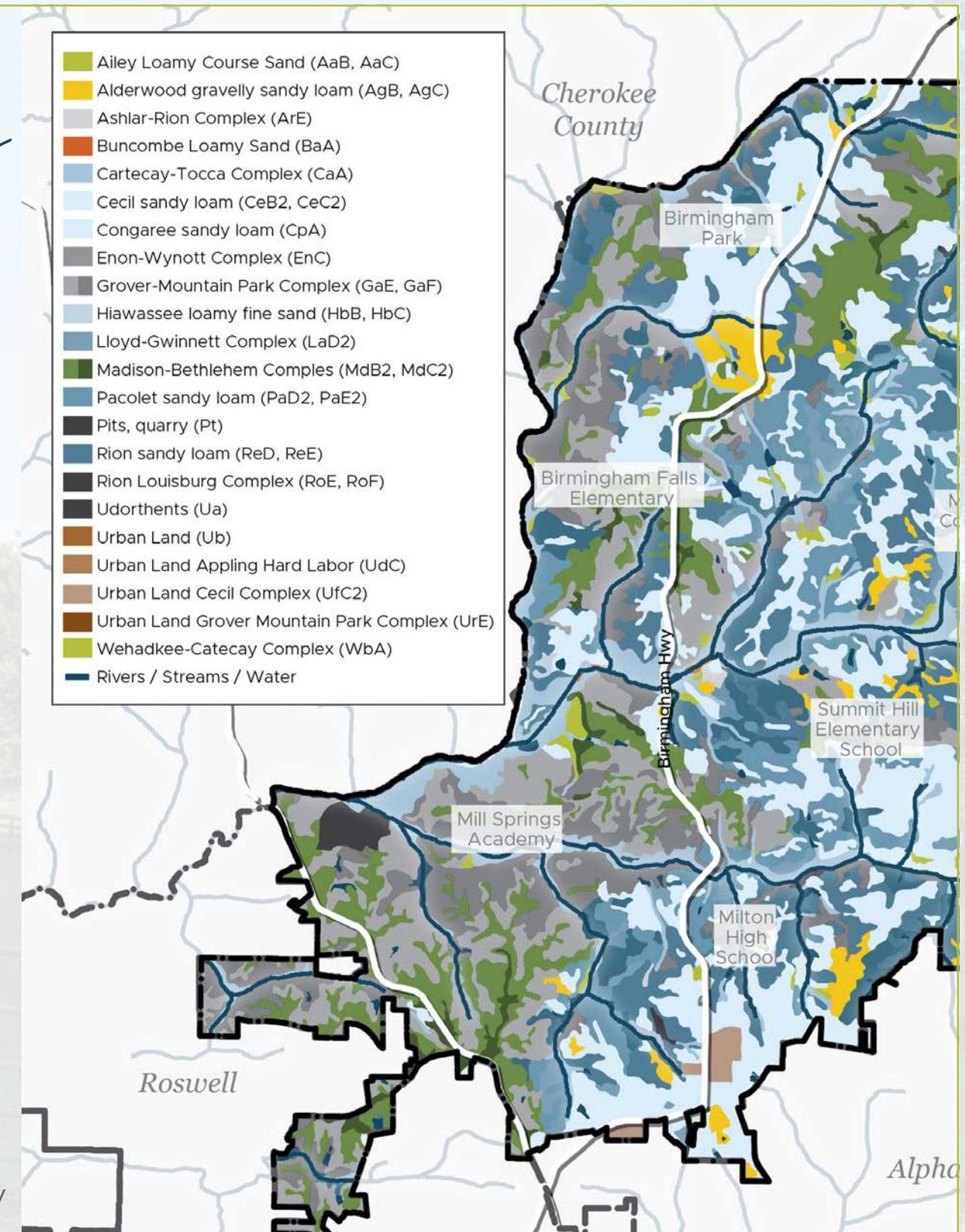


# Rural Character & Soils

## ***Soils unsuitable for septic:***

- “Hard labor”
- “Helena”
- “Star”
- Those closely associated with State Waters

***Does not preclude development-  
Minimum 1 acre contiguous suitable  
soils must be included in a lot***



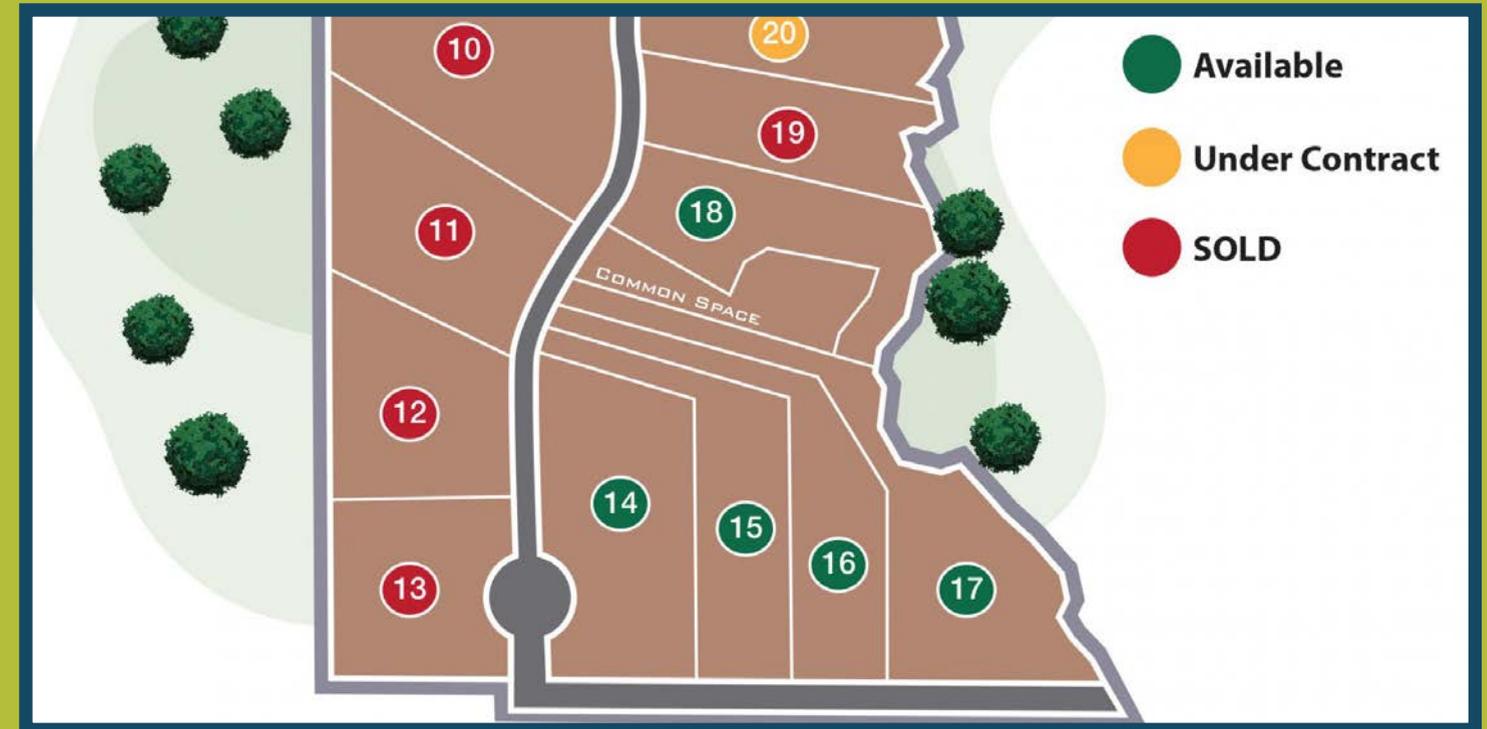
# Rural Character & Zoning

## **Rural Character**

- Defined by:
  - Viewshed
  - Architecture
  - Sub-divisions amongst larger lot pastures & greenspace

## **AG Zoning**

- Tree Canopy ordinance
- Large lot incentives
- Lot coverage limits (20%, 25%)
- Under review - Flag lot restrictions
- Under discussion - Minimum lot widths



# Rural Character: Initial Recommendations

## **Zoning Recommendations:**

- Soils analysis by the City or outside consultant for limitations on developable land
- Determine flag-lot policy with Staff & Council
- Develop a clearing limits regulation for AG-1
- Determine policies to preserve rural viewshed & greenspace preservation

## **Water Recommendations:**

- Regional watershed-based planning strategy
- Incorporation of green infrastructure policies, goals & implementation measures into Stormwater Management Plan
- Consider working with Fulton County on an adoption of a stormwater utility fee
- Broaden use of Green Infrastructure requirements on AG-1 sub-divisions & other high density zoning types

# Mentimeter Results

---

# Which of Milton's current sustainability efforts do you like most? Give up to 3 answers.



# What new, or perhaps expanded, sustainability initiative – whether it's a program, a project, or a priority – should the City tackle next?

recycling!

Green space bond

Recycling

Move away from our current multi-hauler trash system to a single hauler model which includes reliable curbside/rollout recycling center

Electric vehicle charging stations

Composting

Increase minimum lot widths, increase road frontages, restrict flag lots

Large lot preservation

Recycling center

# What new, or perhaps expanded, sustainability initiative – whether it's a program, a project, or a priority – should the City tackle next?

Disallow flag lots. Increase the minimum lot frontage.

More hybrid city vehicles

Maintain minimum one acre lots in AG-1, attractive large lot incentives

Development Rights, large lot incentives, bond funded land purchases

Restrict use permits/business uses in residential areas so as not to have conflicting uses

# What should the City do to preserve its rural character? Share up to 3 examples.

Large (1+) acre lots

Have another Greenspace bond

Encourage large lot development

encourage more horse farms

Protect green spaces  
Plant more trees

Encourage large lots

Tax incentives for active horse farms

Distinctive architecture that fits in a rural setting

Utilize gravel roads to link to existing parks

# What should the City do to preserve its rural character? Share up to 3 examples.

Protect the view shed. Enforce the sign ordinances.  
Clean up the roadside litter.

Do another green space bond, 3 acre lots and more recycling

Gravel roads - preserve the beautiful horse farms that exist on the gravel roads, and restrict other uses of the roads. (ie as trails, which are not compatible with animals and the local traffic in these fragile areas).

Bond referendum to fund land acquisition (parks, trails, public venues, greenspace) More public gathering spaces Equestrian destination center

equestrian/working farm incentives

Require reporting of recycling by all the waste haulers.

Put Birmingham Park in a permanent conservation trust

complete trail/greenway system

# Hot Topics: Discussion

- **Recycling**

- **What advances in recycling technology should Milton consider?**
- **Solid Waste Management (single provider City wide)?**

- **Rural Character**

- **What more can be done to ensure rural character is preserved?**
- **AG zoning categories (AG-5, 10, 20) in order to preserve larger lots?**

- **Greenspace**

- **How should Milton manage & preserve greenspace over the next 20 years?**

# Recap of Zoning & Land Use

---

# Land Use Vs. Zoning

## ***What is the difference between Future Land Use (FLU) & Zoning?***

- **Future Land Use** reflects the desired future development pattern and development density in a given area. FLU planning is critical to intelligent development and/or management of the landscape around us.
- **Zoning** designations more specifically define and regulate what kinds of uses are allowed on specific parcels and outline design and development requirements and guidelines.
- The **Future Land Use** allows for various **Zoning** districts within a given Future Land Use designation. The appropriate zoning or compatible zoning shall be determined by the vision.

***Future Land Use is your soup bowl & Zoning is your soup.***

# Land Use & Compatible Zoning

## Residential

Residential uses include all properties where the principal structures are designed for human habitation. Several residential categories, listed below, are shown on the Land Use Map. The categories show the densities per acre, based on the smallest lot size.

**Agriculture, Equestrian, Estate Residential (AEE)** – This category consists of scattered single-family homes, each one at least one acre, but are typically on several acres. This land use promotes hobby farms, equestrian facilities, and large lot residential estates including minimum 3 acre lots on gravel roads.

**Low Density Residential (LDR)** – This residential category consists of one single-family home on at least one acre (minimum 1.0 acre lots).

**Medium Density Residential (MDR)** – There are three MDR categories.

- MDR-(1): Up to 1.5 units per acre (3/4 acre lots or minimum 0.75 acre lots)
- MDR-(2): Up to 2 units per acre (1/2 acre lots or minimum 0.5 acre lots)
- MDR-(3): Up to 3 units per acre (1/3 acre lots or minimum 0.333 acre lots)

**High Density Residential (HDR)** – There are two HDR categories.

- HDR-(1): 3 to 5 units per acre (0.32 acre lots to 0.2 acre lots)
- HDR-(2): 5 or more units per acre (0.19 or smaller acre lots)

Land Use Designation	Compatible Zoning District
Agriculture, Equestrian, Estate Residential (AEE)	AG1, R1, R2, H
Low Density Residential (LDR)	AG1, R1, R2, CUP, H
Medium Density Residential (MDR-1)	R1, R2, CUP, H
Medium Density Residential (MDR-2)	R1, R2, R2A, CUP, H
Medium Density Residential (MDR-3)	R1, R2, R2A, R3, R3A, CUP, H
High Density Residential (HDR-1)	R1, R2, R2A, R3, R3A, R4, R4A, R6, CUP, H
High Density Residential (HDR-2)	R1, R2, R2A, R3, R3A, R4, R4A, R5, R5A, R6, TR, CUP, H

## **AEE (Agriculture, Equestrian & Estate):**

### R-1

- Minimum lot area shall be two (2) acres.
- Minimum lot width shall be 200 feet.

### R-2

- Minimum lot area shall be one (1) acre.
- Minimum lot width shall be 150 feet.

### AG-1

- One (1) acre with frontage on paved road
- Three (3) acres abutting an unpaved road
- Minimum lot width shall be 100 feet.

### H

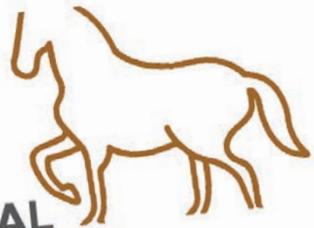
- Historic

# Community Survey Results

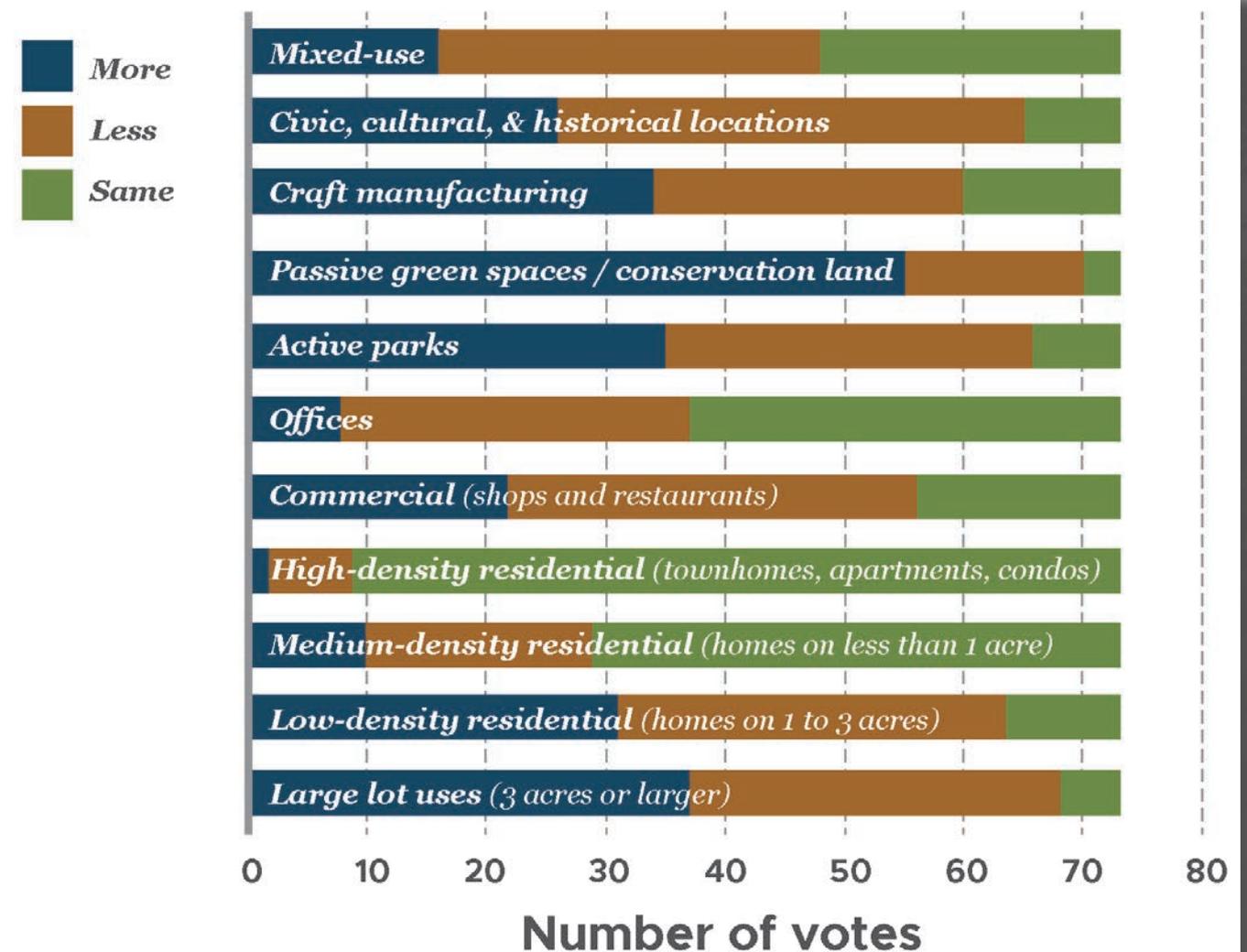
## What Milton Residents Like (Online Results)

- Prefer 3+ acres lot single family housing
- Support for 1-3 acre single family housing
- Support for incentives for large-lot owners
- 

### TOP 3 PRESERVING RURAL & EQUESTRIAN HERITAGE



- 1 Only allow low-density housing / prevent high-density development
- 2 Incentives for large-lot owners to keep their properties
- 3 Stop building and / or control growth



# *Hot Topics: Discussion*

- **Land Use Map & Subdivision Map**
  - **If the rest of the Agricultural Equestrian Estate Residential (AEE) Land Use area is converted to Low Density Residential (LDR) subdivisions, would Milton still be unique or rural?**
- **AG Zoning**
  - **Are larger lot zoning categories (AG-5, 10, 20 etc) a potential policy lever to preserve and maintain larger lot/rural character?**

# Public Comment

---

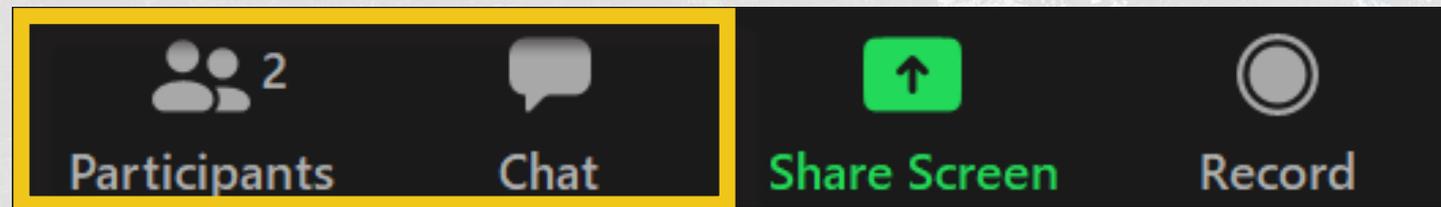
# Guidelines for Participation

- 1. Speak from your own perspective using “I” statements.**
- 2. Respect others’ viewpoints while listening respectfully and intently.**
- 3. Stay focused on the discussion at hand.**
- 4. Ask questions.**
- 5. Be patient with one another as we talk.**
- 6. Use the “raise hand” feature as well as the chat box on Zoom.**
- 7. Use the comment box on Facebook.**

# Guidelines for Participation

- **For ZOOM App users by Computer, Tablet and Smartphone:**

- ***Click Participants in your Meeting controls at the bottom of your screen, and click 'Raise Hand'***



- **For Callers using telephones:**

- ***To Raise Hand - Press \*9***
- ***To Unmute - Press \*6***

- **For Facebook users by Computer, Tablet and Smartphone:**

- ***Type thoughts and questions in comment box. Questions will be answered within a day.***



# Engagement Opportunities

---

# Virtual Public Workshop #1

## **Virtual Public Workshop #1 : Land Use & Character Areas**

April 1st-14th

**Engage here: [www.cityofmiltonga.us/engagement](http://www.cityofmiltonga.us/engagement)**

- Hot Topic Questions
- Interactive Map Activity

# Virtual Public Workshop #1

## **Activity 1: Hot Topics Questions on Land Use**

- Interact with three surveys with 2-6 questions each
- Give feedback on land use, zoning, & conservation among other topics



**Land, Green Space,  
Rural Conservation**



**Zoning, Ordinances, Use  
Permits**



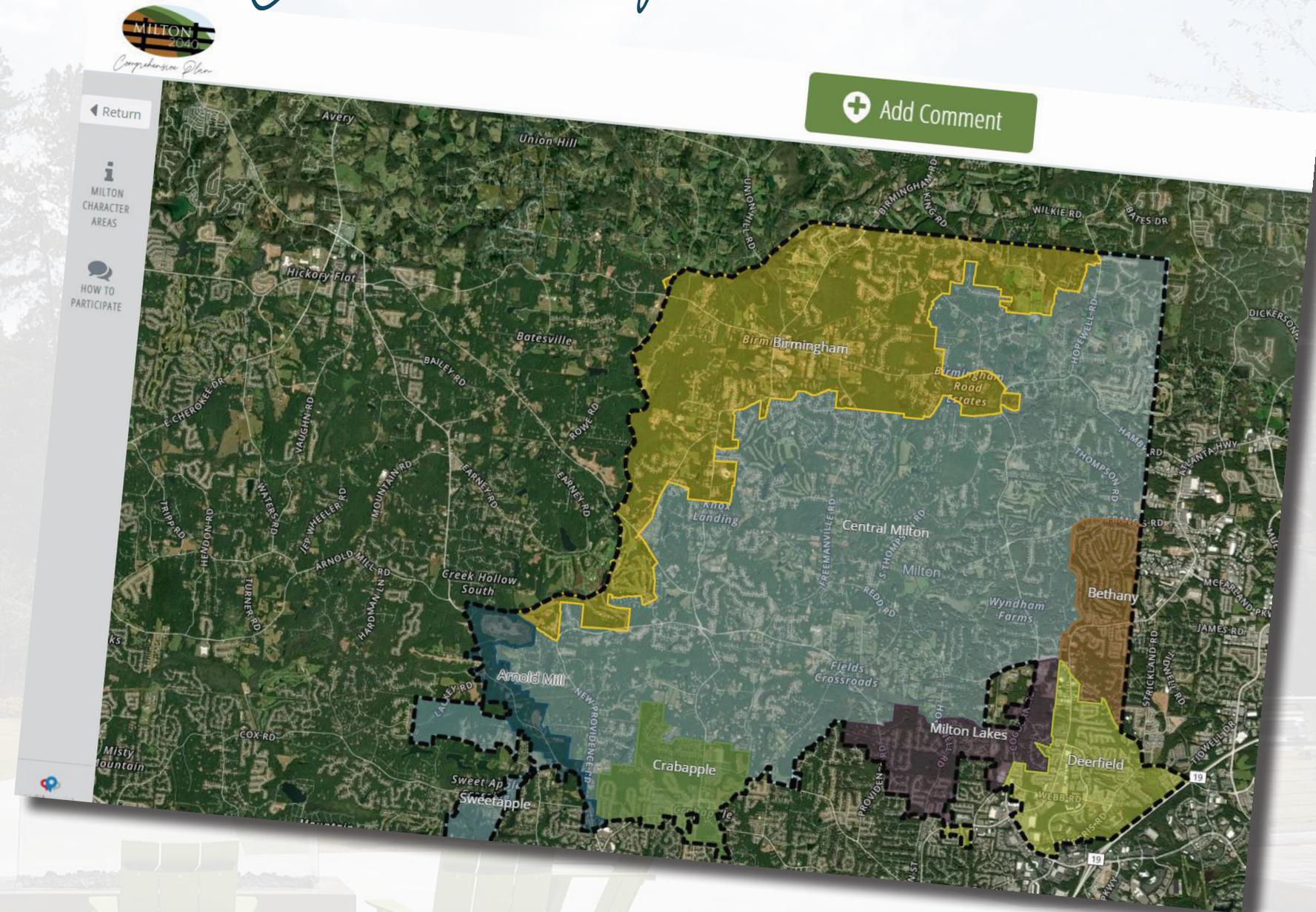
**Commercial, Higher  
Density, Mixed-Use**

# Virtual Public Workshop #1

## Activity 2:

### Character Area Mapping

- Click on the different character areas of Milton and give us feedback on their proposed descriptions as well as any general comments
- Submit important feedback on land use, zoning, conservation & mixed use, among other topics



CPAC

**Next CPAC Meeting**

**April 14th @ 6 PM**

**City Council Chambers & Zoom/FB Live**

- This session will discuss comparable cities, rural heritage & land use
  - Open to the public

Pop Up #1

**Pop Up Event #1**

**April 17th, Bell Memorial Park, 11AM-1PM**

- Visit our tent for interactive input activities & fun
- Speak directly with City of Milton staff & the consultant team, we want to hear from you!

# Action Items

- What are the next steps?
  - Review tonight's feedback
  - Prep draft rhetoric on mobility, smart cities, & zoning for public review

*Thank you!*

