



# RIVERHEAD COMPREHENSIVE PLAN UPDATE

Transportation and Utility Infrastructure Meeting – April 26, 2022



# Meeting Agenda

## Presentation

- Project Status
- Summary of Issues
- Overview of Goals

## Community Input

## Next Steps

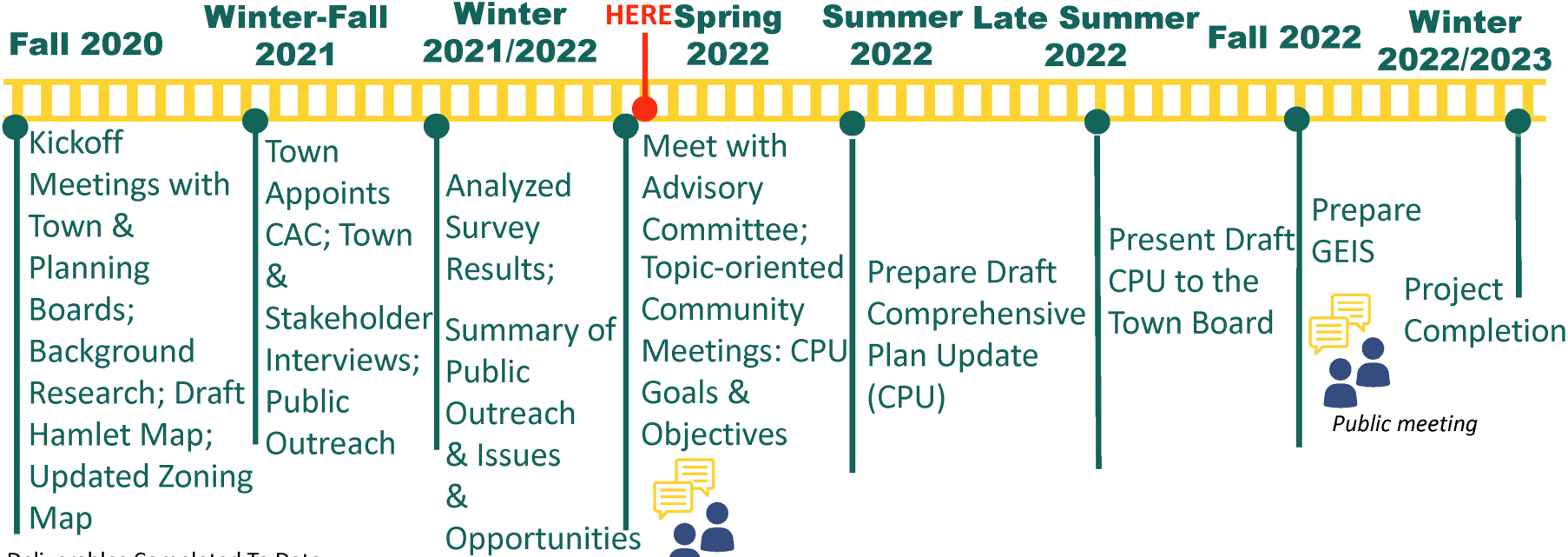




# RIVERHEAD COMPREHENSIVE PLAN UPDATE TIMELINE

**WE ARE**

**HERE**



Deliverables Completed To Date

- Draft Hamlet Map
- Current Zoning Map
- Outreach Plan and CAC List
- Public Survey Results

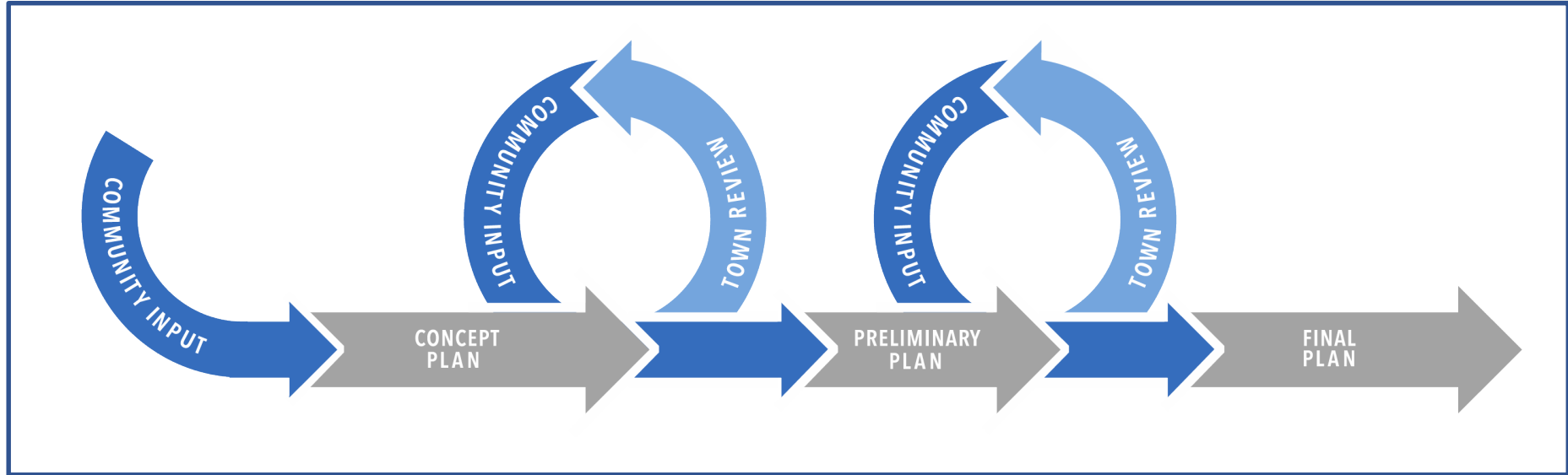
- Outreach Compendium
- Summary of Issues and Opportunities
- Presentations and Meeting Minutes



Public meeting



# CPU Planning Process

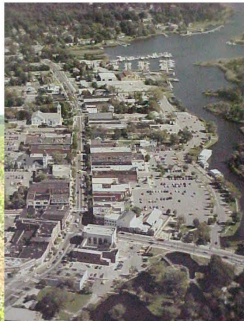


# 2003 CMP Vision Statement –Transportation Element



TOWN OF RIVERHEAD  
COMPREHENSIVE PLAN  
NOVEMBER 2003

PURSUANT TO SECTION 272-a OF THE TOWN LAW



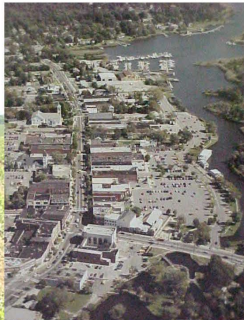
*“Route 25 and Route 58 should remain Riverhead’s primary east-west traffic corridors, while other east-west roads are discouraged from being used as bypass routes. Road improvements throughout Riverhead should be undertaken in a manner that is sensitive to the Town’s residential neighborhoods and its historic, scenic, and natural resources. Downtown and the hamlet centers should be oriented to transit, pedestrians, and bicycles, and commercial sites through Riverhead should be accessible via bus, by bike, and on foot.”*

# 2003 CMP Vision Statement –Utility Service Element



TOWN OF RIVERHEAD  
COMPREHENSIVE PLAN  
NOVEMBER 2003

PURSUANT TO SECTION 272-a OF THE TOWN LAW



*“Utility infrastructure is critical to the health, safety, and welfare of the community. Water, sewer, electric, natural gas, and telecommunications facilities are relied upon by residents and businesses for day-to-date activity and contribute to the Town's economic wellbeing. Utilities should continue to be expanded to meet Riverhead's growing needs. At the same time, the Town should strive to limit any potential negative impacts from new infrastructure on the natural environment or Riverhead's historic or scenic resources.”*

# Transportation

# 2003 Comprehensive Plan: Transportation Goals

## Goals

1. Reduce traffic congestion and improve traffic flows along Route 58, while improving the aesthetic quality of the roadway
2. Discourage use of east-west Town roads as bypasses to Route 58
3. On an ongoing basis, work to reduce traffic congestion on roads throughout Riverhead
4. Provide a Townwide roadway system that ensures the safety of cars, trucks, buses, pedestrians, and bicycles
5. Continue to support and encourage passenger use of the Long Island Railroad and Riverhead Station
6. Support and encourage freight use of the Long Island Rail Road
7. Continue to support and encourage use of Suffolk County Transit buses
8. Encourage use of private vanpool services
9. Encourage walking, biking, and transit use in downtown and the hamlet centers; and ensure that commercial sites Townwide are pedestrian-, bicycle-, and transit-friendly; and ensure that residential neighborhoods are walkable and bikeable.



# 2003 Comprehensive Plan: Transportation Goals, cont'd.

## Goals

10. Encourage biking throughout Riverhead

11. Promote pedestrian and bicycle safety

12. Use traffic-calming techniques to slow down traffic on roads used as bypass routes, in downtown, in hamlet centers, and in residential neighborhoods

13. Systematically regulate property access patterns, in order to reduce traffic friction

14. Better coordinate land use and transportation

15. Preserve the character of the Town's scenic corridors

# Community Survey and Outreach-Priority CPU Issues

1. Farmland and open space preservation (70 percent);
2. Reuse of vacant retail space on Route 58 (56 percent);
3. **Reduced traffic congestion (54 percent);**
4. Downtown revitalization (50 percent); and
5. Natural resources and environmental protection (50 percent).



# Public Survey-Summary of Townwide Issues and Opportunities (2022)

- Improved seasonal/tourism traffic flow and traffic flow along on Route 25 and Route 58 in general were the most critical transportation goals.
- Majority work more than 10 miles from home (35 percent), while 24 percent work 0 to 5 miles from home. Approximately 29 percent work from home.
- Sixty-eight percent commute by car alone.
- None of the respondents use a bike, bus, or taxi to get to and from work. Approximately 3 percent use the LIRR for commuting.

# Goals Statement for the Comprehensive Plan Update (draft)

- Preserve and Enhance Historic and Scenic Corridors while improving traffic flow and safety
- Reduce Congestion and Enhance mobility on existing facilities without overbuilding
- Support Economic Growth and Development at EPCAL
- Coordinate transportation improvements with Towns of Brookhaven Southold and Southampton
- Encourage use of Alternative forms of transportation (pedestrians and bicyclists)
- Foster increased use of public transportation

# Goal – Preserve and Enhance Historic and Scenic Corridors While Improving Traffic Flow and Safety

- Review and Update Land Use policies along historic and scenic corridors
- Develop Criteria for Designation of Corridors
- Identify Candidate Corridors, Apply Criteria, Designate Corridors
- Conduct Corridor Studies to Identify Context Sensitive Short and Long Term Improvement Strategies
- Develop Implementation Strategy, Including Funding Sources

# Goal – Support and Encourage use of Alternative Forms of Transportation (Pedestrians and Bicyclists)

- Develop Pedestrian Safety Action Plan (PSAP)
- Conduct Walkability Audits in Hamlet Centers
- Install New Sidewalk, Fill Sidewalk Gaps
- Review Pedestrian Facilities for ADA Compliance
- Install Mid-Block Pedestrian Crossings with Appropriate Safety Features and Warning Systems
- Implement Traffic Calming Measures to Reduce Speed and improve Pedestrian safety
- Review / Update Site Plan Requirements for Pedestrian Facilities
- Coordinate Bike Route / Bike Lanes along proposed LI Extension of Empire State Trail
- Investigate Connections to Port Jefferson – Wading River Rails to Trails shared use path

## Goal – Support and Encourage use of Alternative forms of Transportation (Pedestrians and Bicyclists), cont'd.

- Review / Update Town Roadway Standards for Compatibility with Bike Use
  - Bike Lanes – (minimum 4' wide, 5' where curbed)
  - Bike Bypass Lanes at Traffic Signals
  - Bike Friendly Drainage Basin Grates
- Review / Update Site Plan Requirements for Bicycle Facilities
  - Bike Racks for Residential and Commercial Sites

# Goal – Reduce Congestion and Enhance Mobility on Existing Roadway Facilities without Overbuilding

- Planning Level Capacity Analyses Indicate Most Major Facilities are “Right Sized”
- Capacity and Safety Improvements through Management Strategies
  - Facility Management
  - Demand Management
- Exception: NYS Route 25
  - EPCAL Traffic will Result in Need for Widening

## Management Strategies

- Turning Lanes
  - At Intersections
  - Two-Way Left Turn Lanes
- Access Control
  - Driveway Spacing
  - Cross Access between Adjacent Properties
  - Identify Alternative Access including Bypass Roadways
  - Restrict Turning Movements
- Traffic Control
  - Signals, Stop Signs
- Roadway and Intersection Design
  - Roundabouts
- Land Use Controls
  - Allowable Uses
  - Density



# Goal– Foster Increased use of Public Transportation

- Circulator Buses / Trolleys
  - Downtown
  - CR58
  - Sound Ave
  - Main Road east of CR105
- Work with LIRR for Increased Service
  - Last Mile Service
- Support Transit Oriented Downtown Redevelopment
- Provide Bus Shelters and Turnouts

# Goal—Support Economic Growth and Development at EPCAL

- EPCAL GEIS identified extensive off-site improvements needed to mitigate EPCAL traffic
- Development Strategy must Include Implementation Plan to:
  - Identify parties responsible for mitigation
  - Identify Funding Sources
  - Update Implementation Schedule

## EPCAL Mitigation Needs (Per GEIS)

### 2025

- Widen NY25 to five (5) Lanes
- Widen approaches to 12 intersections
- Upgrade 5 existing traffic signals
- Install 6 new traffic signals

### 2035

- Additional widenings at 8 intersections
- Upgrade 10 signals
- Install 1 additional signal

# Goal—Coordinate Transportation Strategies with Ongoing Efforts

- Adjacent Towns
  - Brookhaven, Southampton and Southold
  - Planned Developments
  - Transportation Improvement Projects
- Riverhead Town Hall Committees
  - Alternative Transportation Committee
  - Traffic Safety Committee
- Ongoing Regional Efforts
  - North Fork Transportation and Traffic Task Force (County)

# Utility Services

# Existing Utility Infrastructure Services

1. Drinking Water
2. Sanitary Facilities
3. Sewer Systems
4. Solid Waste
5. Electric Service/Renewable Energy
6. Natural Gas Service
7. Telephone/WiFi/Cable

# 2003 Comprehensive Plan: Utility Service Goals

## Goals

1. Ensure that Riverhead's homes, businesses, and institutions are provided with adequate, reliable, high-quality electric, natural gas, cable, and telecommunications services.
2. Ensure that Riverhead's homes, businesses, and institutions are provided with an adequate, reliable, high-quality supply of drinking water.
3. If possible, expand areas around downtown Riverhead, Enterprise Park, and the hamlet centers that can be served by sewer.
4. Encourage energy conservation and efficient use of utility infrastructure and services.
5. Ensure that the physical infrastructure associated with utility services is respectful of the Town's natural, scenic, and historic resources.
6. Continue to provide a high-quality solid waste disposal program.
7. Continue to provide a high-quality recycling program that strives to reduce the amount of solid waste that Riverhead sends to landfills.

# 2003 Comprehensive Plan: Utility Service Goals, cont'd.

## Goals

8. Continue to mine the former Town landfill and prepare a reclamation plan.
9. Consider development standards for solid waste management facilities.
10. Require special permits for all solid waste management facilities.
11. Ensure that the Solid Waste Management Plan identifies geographic locations which could support solid waste facilities.

# Goal—Ensure Clean Drinking Water

- \$3.5 Million Federal grant awarded to extend water mains to Manorville properties affected by Grumman/Calverton groundwater pollution (\$11 Million total cost estimate)
- Pursue additional funding to develop the infrastructure needed to deliver clean drinking water
- Initiate designs for the delivery system
- Implement and construct
- Monitor and maintain
- Suffolk County Water Authority—Short/Intermediate Term:
  - \$3.5 Million Federal grant awarded to extend water mains to Manorville—Brookhaven Town portion
  - Improve Water Main Supply to North Fork—water main extension via County Road 105/Hubbard Avenue/Peconic Bay Boulevard into Southold Town



# Goal—Ensure Clean Drinking Water (cont'd)

- Address Needs of Future Development by Requiring Developers to Pay for Water System Extensions
- Monitoring:
  - More Cost-Efficient Monitoring of Water System Conditions like SCWA's SCADA (Supervisory Control and Data Acquisition) System
  - More Efficient Water Limitation Controls for Summer Irrigation

# Goal--Sanitary

- Calverton Sewer District—Treatment Plant undergoing \$10 Million upgrade
- Town Sewer District--Short/Intermediate Term:
  - “Sludge Conditioning” Project—Class A Treatment of Sludge to allow use as compost (where not in contact with crops)—estimated \$250,000+ in savings per year
  - Use of Innovative and Alternative On-Site Wastewater Treatment (I/A) Systems to reduce Nitrogen pollution of groundwater
  - Critical Need for Licensed Plant Operators/Support Staff
- Town Sewer District--Long Term:
  - Treat ALL waste water in Riverhead
  - Next Project—Upgrade southwest Pump Station (one of 13 in District)--\$8-9 Million estimated cost

# Goal – Update Solid Waste Management and Recycling Practices

- Complete the updates to the Solid Waste Management Plan
- Reduce the waste stream and reliance on the Covanta facility/incineration and the transportation systems that also impact the environment. ***(Caveat: Ash Disposal at Brookhaven Town Landfill to close within 5 years)***
- Educate homeowners and work with landscapers to reduce yard waste (i.e., no bagging and sent to community landfill).
- Expand public education on waste stream reduction and recycling.
- Create a program for reducing food waste.
- Develop practices for achieving zero waste.
- Study the potential for a glass repurposing facility.
- Expand recycling practices in public spaces (e.g., parks and Downtown).
- Fully analyze contaminants at the Town's landfill.

# Goal – Transition to Clean Energy

- NYS Climate Leadership and Community Protection Act (CLCPA)
- **Mandates** 70% of electricity from renewables by 2030 and 100% by 2040

# Goal –Develop Guidelines for Renewable/Alternative Solar Energy Systems

- **Balance the need for renewable energy with other concerns related to siting solar energy projects**
  - Solar panel design criteria (site design, vertical panels)
  - Initiate study to create guidelines for utilizing solar/renewables/recycled products in building and site plan design.
  - Site and building design standards to take advantage of solar.
  - Require solar for large commercial/industrial building.
  - Establish solar ratings in house transactions.

## **Issues to Consider—Current Moratorium on New Solar Facilities:**

- Solar can support agricultural economy and preservation.
- The Town should reexamine the industrial zoning/solar permitting process.
- Loss of productive farmland, visual impacts

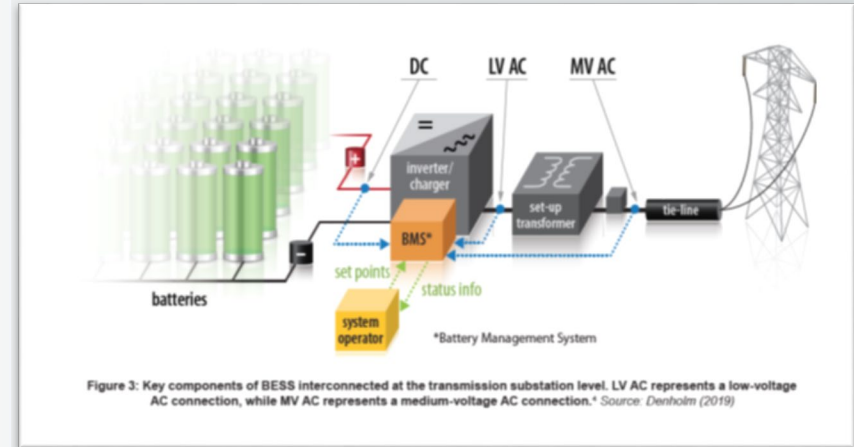
# Goal – Develop Guidelines for Energy Supply Systems (Battery Storage)

**Develop Standards for use/siting**

**Industry guidance code as a guide**

Potential benefits (renewable energy integration, fiscal)

Potential issues (land use compatibility, visual and setbacks, emergency and fire safety).



# Goals–Private Utility Services

Electric Service, Natural Gas Service, Cellular Telephone / WiFi, Cable TV, Internet

- Largely Out of Town’s Control or Purview
- Changing Landscape Due to Climate Change, Green Energy, Work and School From Home
- All of the Following are Non-Committal with Respect to Future Plans:
  - PSE&G
  - National Grid
  - Optimum/Cablevision/Altice
  - Verizon

# Discussion Format

- Let us know your vision, goals and recommendations for the future of transportation in the Town.
- Comments on goals presented.

Provide additional goals , recommendations and projects

- Comments and suggestions can also be submitted in writing at [www.TownofRiverheadComprehensivePlanUpdate.com](http://www.TownofRiverheadComprehensivePlanUpdate.com)



# Thank You and Next Steps

- **Summer 2022**
  - Prepare the draft Comprehensive Plan Update (CPU)
  - Present draft CPU to Town Board
- **Fall 2022**
  - Prepare CPU GEIS
  - SEQRA Hearing
- **Winter 2022/2023**
  - Project Completion