Town of Wilton Storm Water

RCAP GIS Services
USDA Funded Project

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NH State Lead
RCAP Solutions
GIS Benefits

Efficiency & productive field work
Ability to view & track trends
Mobile applications for daily workflows
RCAP training & support
Increase use of updated maps
Cost-effective for small rural utilities
GIS Services DW, WW & SW

GPS Data Collection
ESRI ArcGIS Online
ESRI Collector & Mobile App
Asset Management Plans
Map printing & scanning
GIS & AM Training
GIS Education & Training

Systems Operations (Mapping & Energy Audits)

Asset Management for DW & WW Systems
Town of Wilton

Dec 2020  Meeting Coordination
Feb 2021  Planning before Spring
Aug 2021  Mapping Review (Spring/Summer)
Sept 2021 Field Data Collection
Oct 2021  Data Integration
Nov 2021  Project Closed
Coordination

Town of Wilton & RCAP
The Problem
Scope of work
Expectations
Agreement
TMF Assessment
Plan Review
Data Review
Data Review
Field Work

Wilton Team (3)
  Leadership
  Map Review
  Data collectors
  30-40 hour/week (3 M)

RCAP Team (2)
  Data collectors
  Map Review
  GIS specialist
  60-80 Hours
Data Collected

Pipe Data
• Material
• Size
• Condition
• Length

Headwall
• Condition
• Material
• Erosion Status

Slope

Town Property
Tools

GPS equipment
- iPhones
- ArcGIS Collector
- GIS Receiver
- Trimble

Existing paper maps

ArcGIS
Storm Drain

- Pipe Material: PVC
- Pipe Size: 8"
- Length of Exposed Pipe: Yes
- MS4: Yes
- Embankment Slope: 0-30
- Headwall: Yes
- Headwall Condition: Fair
- Embankment Material: Paved
- Erosion Status: Fair
- Town Owned Property: Yes
- Street View: More info

Attachments: Photo 1.jpg

Zoom to

1/27/2022
Catch Basin
Data Integration

Maps are shared between
The Town of Wilton,
Underwood Engineers,
and
RCAP Solutions
Final Product
Thank you!

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