



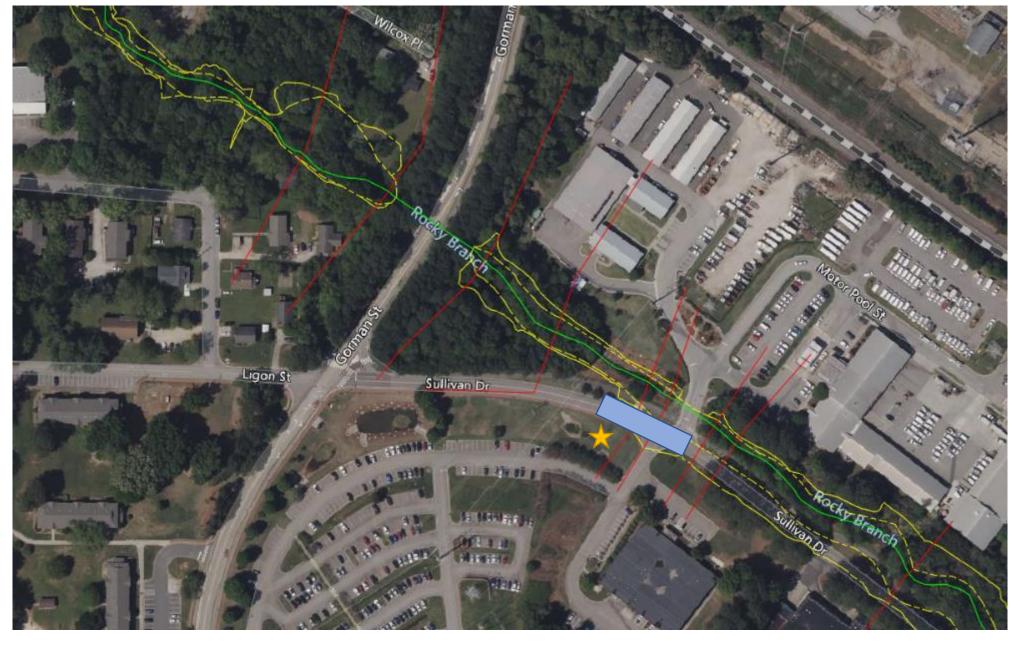
Gray







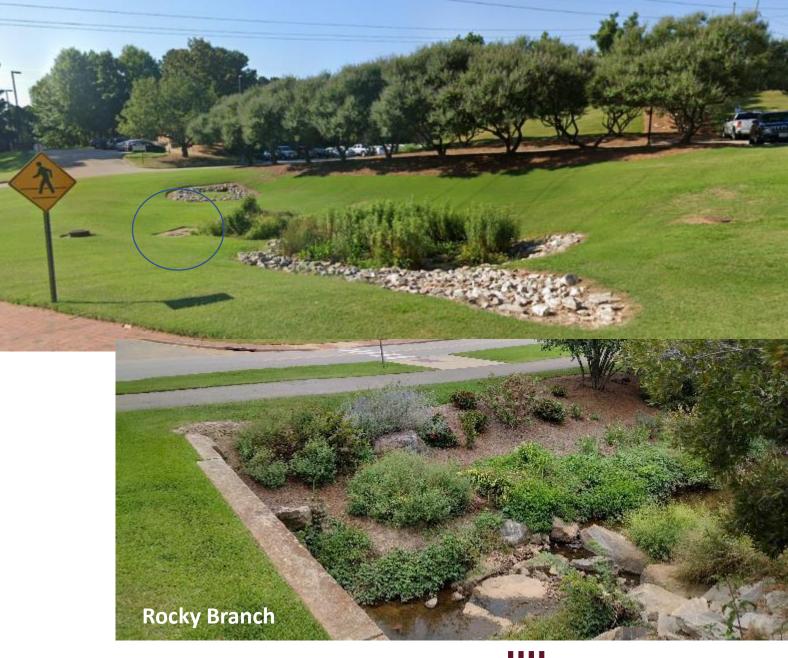






Pre-Project Conditions

- Excess road drainage bypass causing flooding along Sullivan Dr during flashy storm events.
- Ineffective SCM

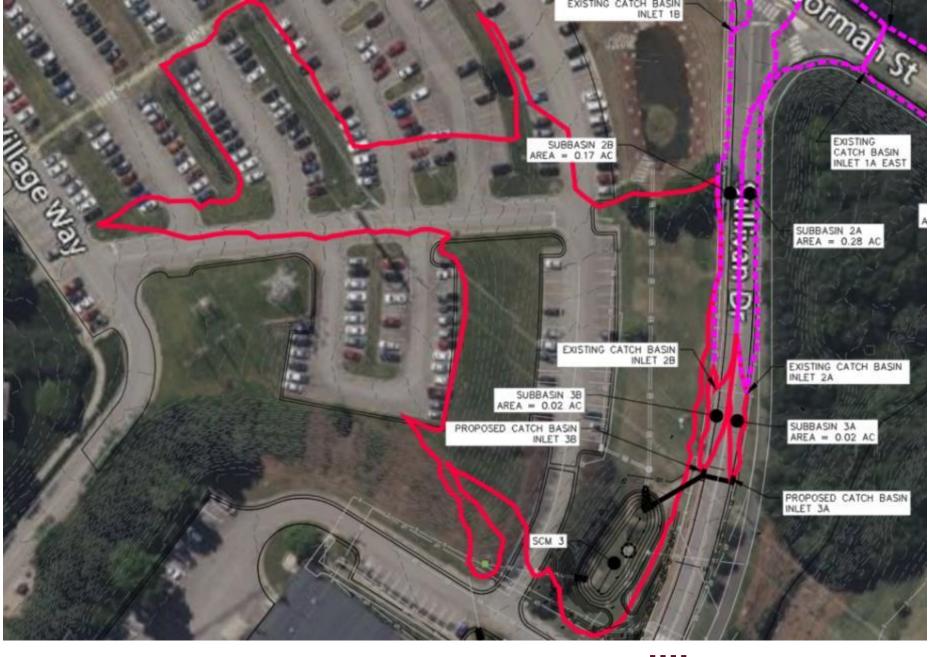




The challenges of retrofits PART OF STATES



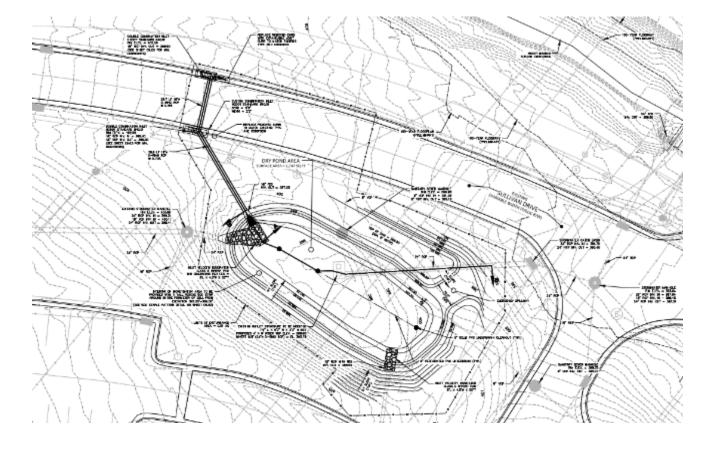
Upstream Drainage

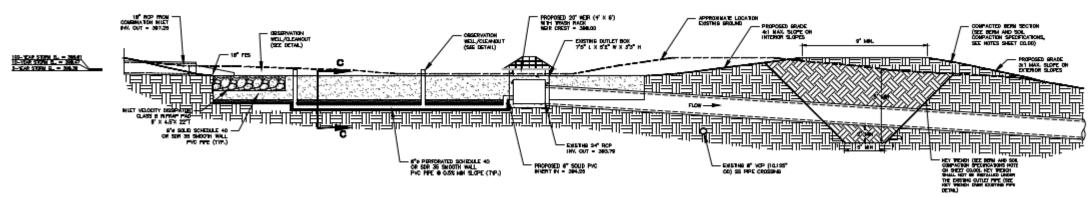




Design

- Capture more water from street.
- Expand SCM footprint and increase depth.
- Modify existing outlet structure.
- Convert to bioretention.

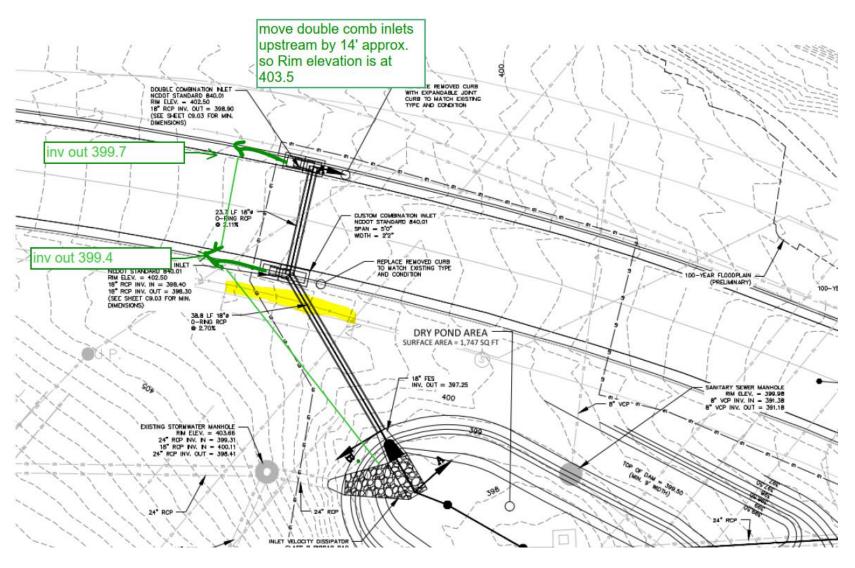




DRY POND AREA CROSS SECTION VIEW 'B-B'

Construction Level Flexibility

- Utility conflicts
 - Main water line





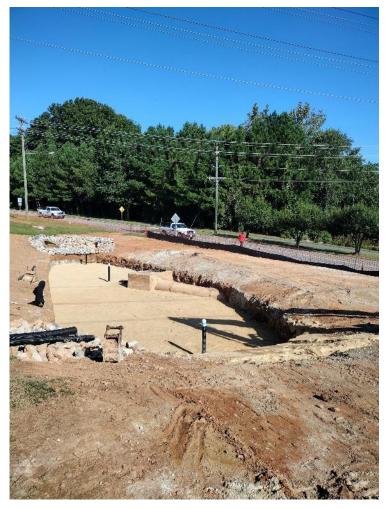














Results





Two weeks after construction wraps up...

