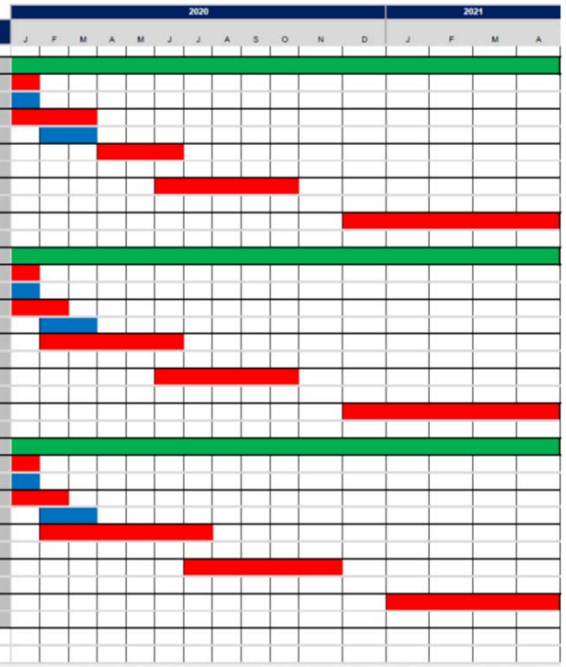
USDA-NRCS STORM DEBRIS REMOVAL PROJECT – September Update

- Completed 50% Drawings (Permitting)
- Conducted a meeting with USACE, to obtain direction on permitting direction
- Met with McGill and obtained their HecRAS and HecHMS models
- Conducted additional site inspections to ensure feasibility of design
- Modeled the Dam Road site
- Developed preliminary/conceptual outlet configurations to achieve ½ PMP
- Obtained geotechnical engineer's evaluation of sites
- Project team has revised the 50% submission and plans to submit to the City, USACE, and NRCS prior to the end of the week.
- In the next couple weeks, the team plans to finalize the preliminary outlet designs and submit to NC Dam Safety for preliminary review.

USDA-NRCS EWP Engineering Services
City of Boiling Springs Lakes
LDSI, INC
April 2020 - Update

TASK DESCRIPTION		PLAN START	PLAN END	
Streambank Stabilization Projects		1/27/2020	4/14/2021	443
Kickoff	Planned	1/27/2020	1/28/2020	1
	Actual	1/28/2020	1/28/2020	1
Survey & Existing Conditions	Planned	1/28/2020	3/24/2020	56
	Actual	2/3/2020	3/27/2020	53
Design Development	Planned	4/6/2020	6/30/2020	85
	Actual	4/6/2020		
Permitting and Construction Documents	Planned	6/30/2020	10/28/2020	120
	Actual			
Construction	Planned	12/15/2020	4/14/2021	120
	Actual			
Shoreline Stabilization Projects		1/27/2020	4/14/2021	443
Kickoff	Planned	1/27/2020	1/28/2020	1
	Actual	1/28/2020	1/28/2020	
Survey & Existing Conditions	Planned	1/28/2020	2/17/2020	20
	Actual	2/3/2020	3/27/2020	53
Design Development	Planned	2/17/2020	6/30/2020	134
	Actual	1/28/2020		
Permitting and Construction Documents	Planned	6/30/2020	10/28/2020	120
	Actual			
Construction	Planned	12/15/2020	4/14/2021	120
	Actual			
Dam & Levee Project		1/27/2020	5/31/2021	490
Kickoff	Planned	1/27/2020	1/28/2020	1
	Actual	1/28/2020	1/28/2020	
Survey & Existing Conditions	Planned	1/28/2020	2/17/2020	20
	Actual	2/3/2020	3/27/2020	53
Design Development	Planned	2/25/2020	7/24/2020	150
	Actual	1/28/2020		
Permitting and Construction Documents	Planned	7/1/2020	11/28/2020	150
	Actual			
Construction	Planned	1/1/2021	5/31/2021	150
	Actual