

# Meeting Minutes

Project:	Morning Dale Storm Drainage Improvement Project (SDIP)		
Subject:	Public Meeting Minutes (Drop-In Style Meeting)		
Date:	Thursday, March 21, 2024		
Location:	Cross & Crown Lutheran Church at 300 Pineville-Matthews Rd, Matthews, NC 28105		
Attendees:	John Keene (COC)	Josh Letourneau (AG)	
	Javier Solis (COC)	Russell Parker (AG)	
	Bob Jarzemsky (COC)		
	David Meyer (COC)		

## General Questions and Comments

- The team explained, due to project restraints (being upstream of a FEMA regulated creek) and no qualifying flooding requests, this project proposes “in-kind” replacement of four culverts and rehabilitation along the Hinson Drive system.
- “In-Kind” replacement will replace the existing culvert with an equivalent pipe size, structurally sound, and capable of handling vehicular loads.
- Rehabilitation on the Hinson Drive System is planned to be a trenchless operation involving a “Cured-in-Place” pipe inside the existing host pipe. Construction will be limited to the Public Right-of-Way, and the ends of the pipe at the upstream and downstream proposed structures.
- Vegetation clearing and fence removal is expected for access to the upstream and downstream pipe ends of the Hinson Drive System.
- The team also explained there are no proposed project improvements to the channel as it is outside the Public Right-of-Way. Limited work will be required to grade in the headwalls at the proposed culvert locations and tie into the existing channel.
- Residents asked what the next phase of the project is, and the project team responded that the design of the improvements was the next project phase, then a Real Estate Phase, a Bidding Phase, and then a Construction Phase will begin afterward. For more information on Project Phases, please visit: <https://www.charlottenc.gov/Services/Stormwater/Projects> and click “Project Phases”.
- The Real Estate Phase requires the acquisition of any Permanent and/or Temporary Easements on properties that have proposed construction or are adjacent to the construction limits. These easements must be signed and recorded before any construction can take place.
- The team discussed the timeline for design and construction with several residents. It was mentioned that the Design Phase could take 12 months and the Construction Phase could take 16 to 22 months.
- Additionally, the Real Estate Phase before construction will take place requiring Permanent and Temporary Easements for the properties on and adjacent to

construction. Work will begin only after all Easements are signed and acquired from property owners.

- Several residents asked about the order of construction. We told them typical storm drainage projects follow a downstream to upstream sequence. However, since the project goals for this project are “in-kind” replacement the contractor will likely start at the failing Swift Court driveway culvert first.
- A temporary access bridge will be installed for the residents at Swift and Bethune during construction. The bridge will be designed for pedestrian travel, not for vehicles.

#### Specific Resident Questions and Comments

- A resident within the project area, along Morning Dale Road for the south culvert requested the low area along the sidewalk in front of his property be fixed as it ponds water. AG mentioned that during construction all infrastructure (sidewalk, driveways, pavement, etc.) associated with the project will be replaced and graded to drain. This resident also requested a handrail be installed at the headwall, adjacent to the sidewalk. AG mentioned that handrails will be required in front of the proposed headwall per CDOT guidance. And finally, this resident was fine if any of the trees needed to be removed to perform the storm drainage work.
- A resident in Bethune Place warned that there is a large tree stump in the creek, upstream near the Tadlock Court cul-de-sac, that may flow down and damage the culvert at Bethune Place. AG advised the property owner to call 311 to report any channel blockages. The resident also mentioned that the 8” clay pipe under the driveway at Bethune Place is broken. AG mentioned that the drainpipe is private but may be replaced as part of the project.
- A resident in Swift Court warned that part of the channel bank has collapsed at the outfall of the Hinson Drive pipe system. AG mentioned that a headwall will be added at the outfall of this system, but only channel erosion adjacent to the outfall will be addressed as part of this project.
- The resident also mentioned that an existing private detention pond upstream of the Hinson Drive pipe system is not working. Residents should call the Town of Matthews for stormwater systems that reside within Town Limits. See <https://www.matthewsnc.gov/pview.aspx?id=20745&catid=567> and click on “Report a Concern”.
- A resident in Bethune Place reiterated that his shed (wired) near the channel floods during heavy rains. AG and City representatives explained that it is unfortunate that the shed floods however, the project goals are to perform in-kind replacement to avoid FEMA impacts downstream. AG mentioned that channel grading will be performed at the proposed headwall locations, but the channel geometry will mostly remain the same, therefore not worsening the risks and water surface elevations.
- A resident on Morning Dale Rd for the north culvert requested that the split rail fence be replaced, rather than installing a standard handrail based on City Standards. Our group will confirm with CDOT if that is allowed once the culvert has been replaced.
- Additionally, a resident requested that we replant any trees after construction is over. This question will need to be forwarded to other departments, such as Landscape Management or Water Quality, for approval during later phases of the project.