



Engineering & Design

January 10, 2024

Town of Apex
Engineering Department
P.O. Box 250
Apex, NC 27502

Re: Friendship Village – Engineers Estimate for Fee-in-Lieu
Apex, NC

The noted project is located at the intersection of Evans Road and Humie Olive Road. Per Town requirements, a sewer line is required to be installed to “upstream” properties. Due to existing wetlands, extension to one of the project’s boundaries is not possible. Specifically, a sewer stub at Vetrina Way, near proposed lot #59. Therefore, this project requests a fee-in-lieu payment in place of the full sewer extension. Below is an estimate of the cost to install an 8” DIP sewer line where the existing wetland prevents installation. Unit Prices taken from contractor’s proposal.

Item	Unit Cost	Quantity	Total
8" DIP Sewer 6' Deep	\$68/LF	71 LF	\$ 4,828.00
Sewer Manhole 6' Deep	\$3,625/EA	1 EA	\$ 3,625.00
Clearing	\$500/LS	1 LS	\$ 500.00
Erosion Control	\$500/LS	1 LS	\$ 500.00
Total			\$ 9,453.00
Mobilization - 15% of Estimate =			\$ 1,417.95
Final Estimate			\$ 10,870.95

Sincerely,

Daniel H. Woods, P.E.
Peak Engineering & Design, PLLC

