



CHARLOTTE COUNTY

FLORIDA

CHARLOTTE COUNTY UTILITIES – DESIGN MANUAL

WO #17
Contract 2021000056
File #2023000012

Kimley»»Horn



Charlotte County Current Proposed Fees

1. Application fee will be \$1,000
2. Resubmittal fee for 3rd review and after = \$500 per submittal
3. Inspection fee will be 6% of the Engineers Opinion of Probable cost of Utility Infrastructure. Minimum of \$1,000

Lee County	North Port
1.0% of the contributed asset value including labor cost incurred by the County or \$790 minimum charge.	6.5% of Utility Construction cost for projects \$0 to \$2 million, + 2.5% for projects >\$2 million, \$250 minimum actual cost/ 1-hour minimum overtime
Subsequent reviews based on actual costs incurred by the County	Review fee is part of the \$3,960 base Development Review Fee

Lift Stations

1. Manifolding all stations together for one point of connection
 - Manifolding force mains will only marginally increase each station cost with slightly larger pumps but saves in having potentially larger pumps in a master station to pump flows from all upstream stations combined.
 - No master lift station saves developer on increased station costs and CCU on increased operations and maintenance costs.
 - Manifolding force main still minimizes the connection points to the existing county system to one as requested by CCU.
2. Backup Power & Cost
 - Surrounding municipalities (Lee, Sarasota, Cape Coral, North Port) include requirements for permanent standby generators for master lift stations and connections for auxiliary power on all other stations, consistent with CCU proposed design manual.
 - For a portable generator, an estimated cost of \$15,000 should be budgeted to supply power backup meeting standard lift station requirements.
3. Master Lift station required
 - Current requirement proposed includes any development with more than one lift station would require a Master Lift Station for the downstream station so that all flows will be repumped to one point of connection to the County collection system.
 - This approach would cause smaller upstream station pump designs but increase the master station size to repump all flows and increased overall costs due to station requirements.
 - Cost of Master station could be in excess of \$1M that would include all requirements including permanent standby generator and CMOM requirements (weather station, groundwater monitoring, flow meter, if and where directed), full odor control, increased SCADA system, etc.