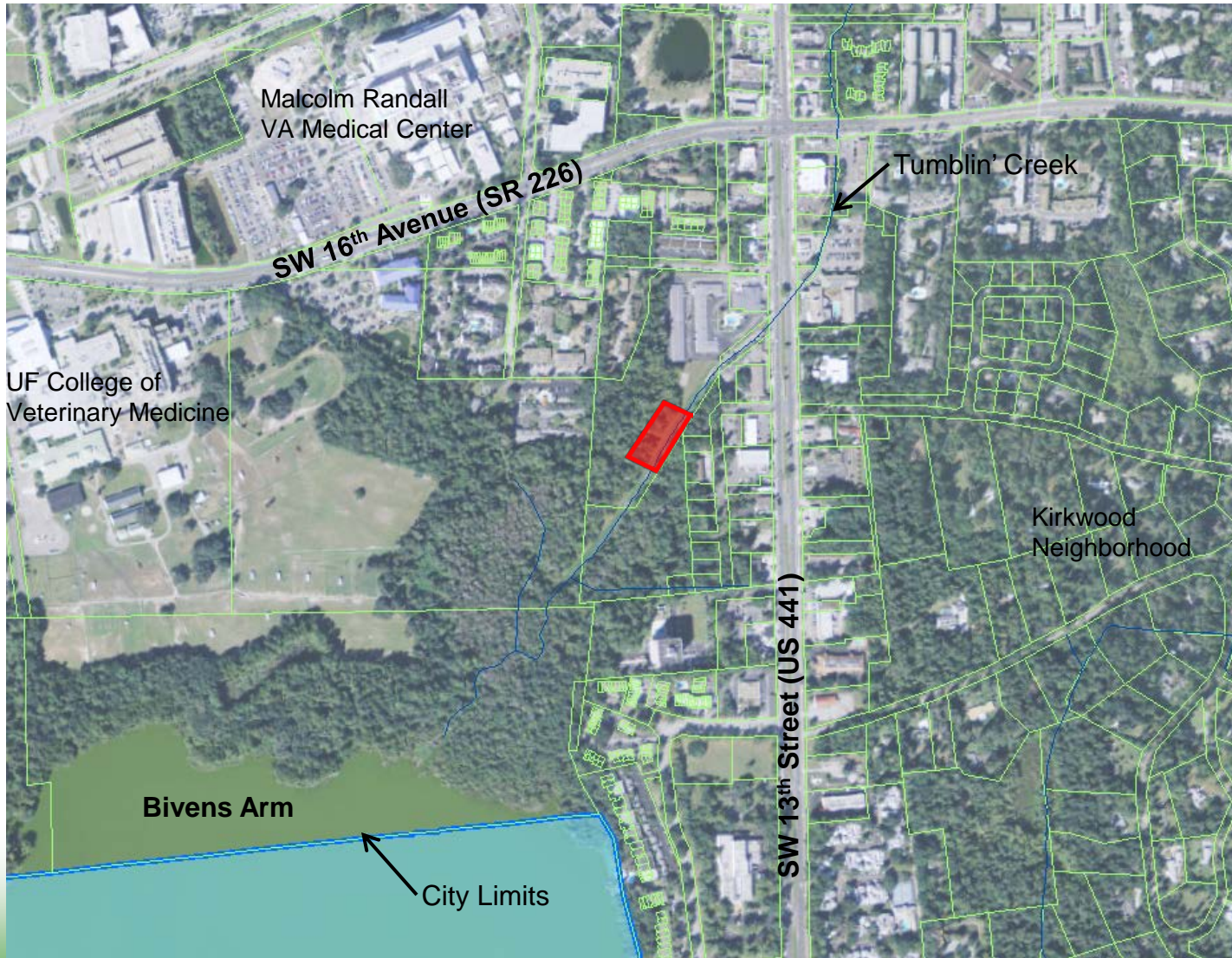




Public Works Department

# TUMBLIN CREEK SEDIMENT FACILITY

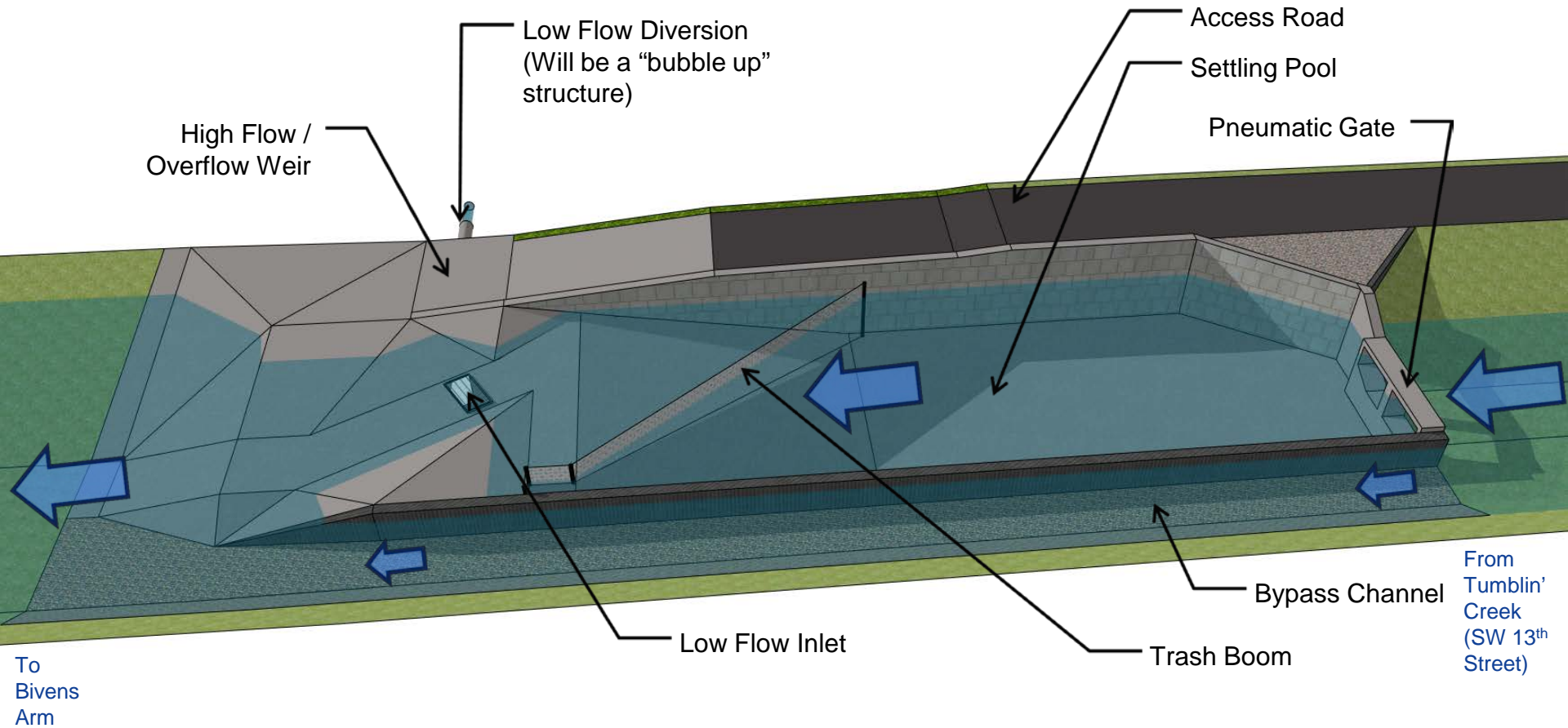
*Andrew Roberts*  
*Public Works*  
*March 17, 2016*







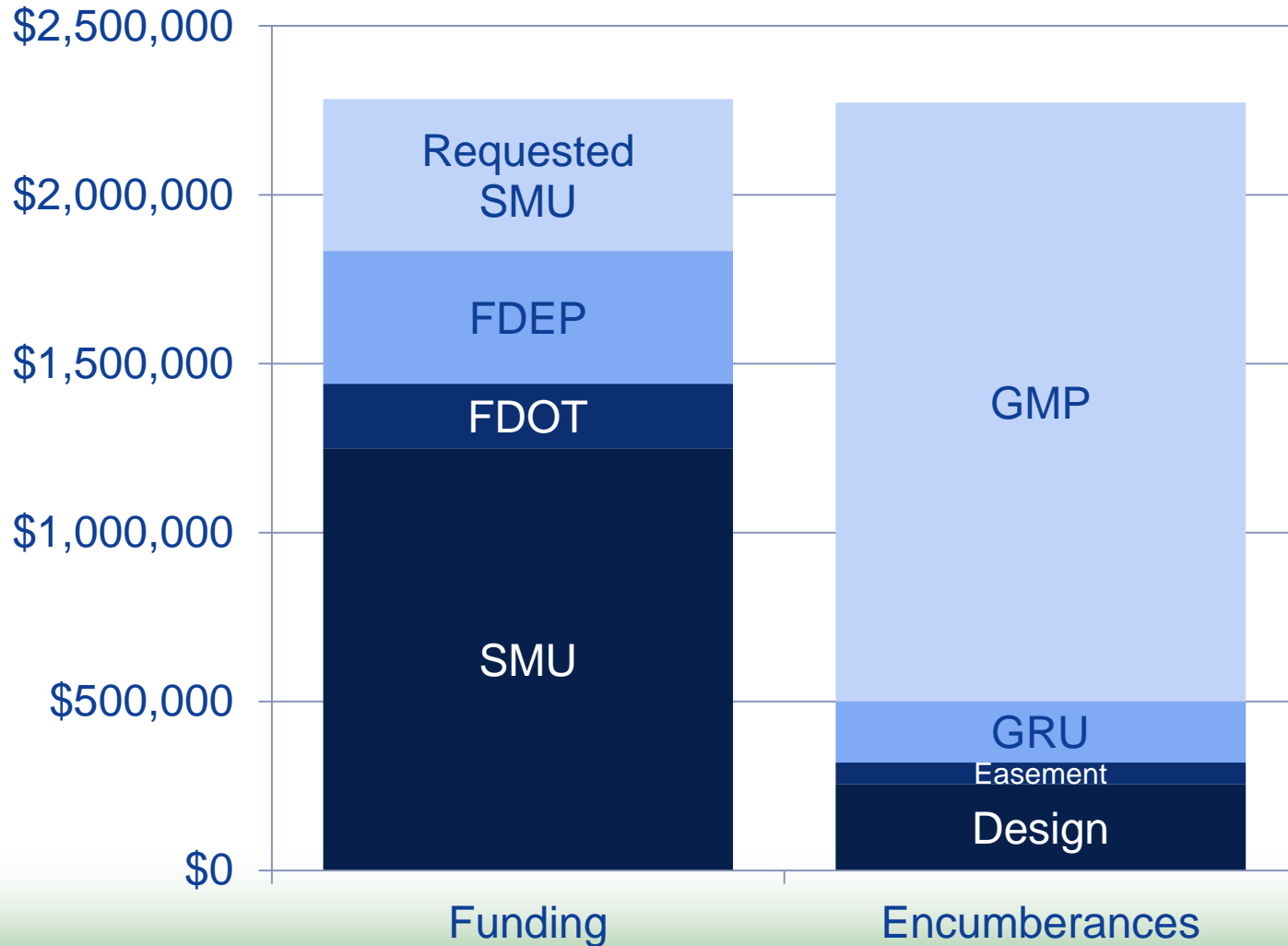
# FACILITY CONCEPTUAL RENDERING



Note: Overflow area is based off 60% plans

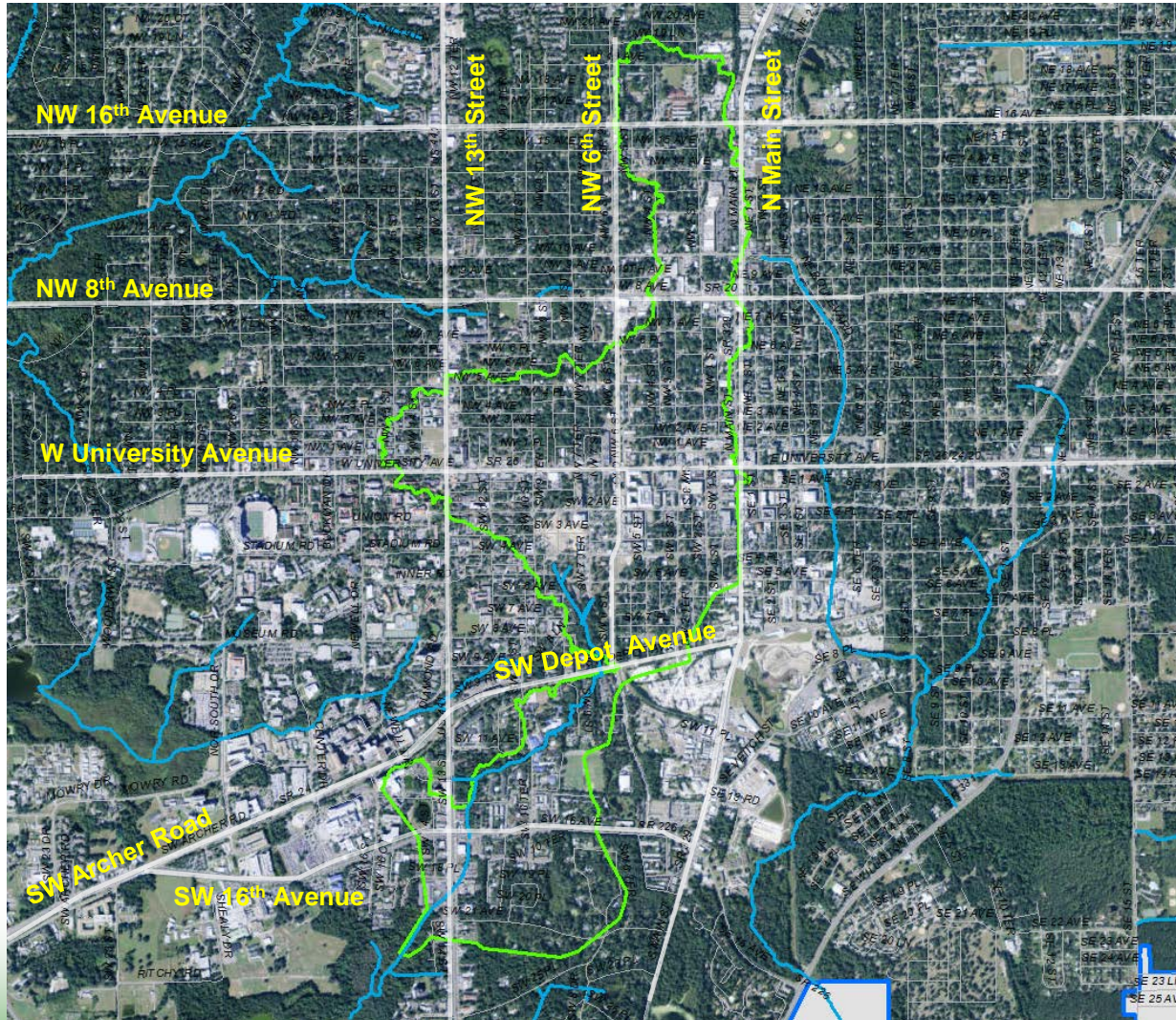
<b>Construction Management</b>	<b>Brentwood Company</b>
1. Complexity of the project	1. #1 ranked firm in RFQ
2. Environmental concerns (creek and wetland impacts)	2. Previous similar projects in their portfolio
3. Obtaining adequate and qualified trade bidding	3. Current workload has capacity
4. Engineer cost estimate <\$2,000,000	
5. Provide pre-construction services	





- A portion of the SMU funding for this facility is intended to be recovered through its use as a stormwater water quality credit facility.
- Permitted through SJRWMD based on nutrients (Total Nitrogen is limiting nutrient) removed through the removal of the sediment collected, but only half of what calculations show.
- After the first year, the sediment removed can be analyzed to adjust the amount of credit available.
- Proposed credit model will recover \$825,000, which equates to a cost to developer of \$100,000 for 1 acre of impervious area treated.

# STORMWATER CREDIT FACILITY





## Recommendation

- Approve the project task.
- Authorize the City Manager or designee to execute the appropriate documents subject to City Attorney approval as to form and content to The Brentwood Company, Inc.

**Andrew Roberts, P.E.**  
**Stormwater Engineer IV**  
**Public Works - City of Gainesville**  
**(352) 393-8408**  
**[robertsas@cityofgainesville.org](mailto:robertsas@cityofgainesville.org)**