

Regional Stormwater Model Ordinance & Technical Standards Design Manual Development

Stormwater Technical Subcommittee Recommendations

Southern Lowcountry Regional Board – June 26, 2018



Agenda

- Background
- Consultant Selection
- Cost-sharing Options
- Stormwater Technical Subcommittee Recommendations
- SoLoCo Guidance Requested
- Next Steps



Background

- 8/29/17: SoLoCo requested a comparison of each jurisdiction's stormwater ordinance and design manuals
- 12/5/17: Stormwater Tech. Subcommittee presented findings of the ordinance comparisons.
- 3/27/18: Stormwater Tech. Subcommittee recommended hiring a consultant to draft a regional stormwater standard and design manual for all jurisdictions within Beaufort and Jasper Counties. SoLoCo members voted to recommend each jurisdiction participate in the project, budget accordingly for FY19 and report on status at 6/26/18 meeting.



Consultant Selection

- Beaufort County released a Request for Qualifications to develop a regional stormwater model ordinance and technical standards design manual which closed 5/17/18.
- Two (2) qualified responses were received with similar qualification, scopes and timeframes:
 1. Center for Watershed Protection (\$179,554)
 2. Wood Environment & Infrastructure Solutions (\$223,420)
- Stormwater Tech. Subcommittee reviewed the proposals and unanimously selected Center for Watershed Protection on 6/1/18.

Consultant Selection (con't.)

- Proposed Center for Watershed Protection Tasks and Timeframe:

Scheduled Deliverables/Tasks		Month										
		1	2	3	4	5	6	7	8	9	10	11
Task 1	Develop Model Regional Ordinance											
	SoLoCo consensus meeting (1)	•										
	Member interviews (8)	•	•	•								
	Draft model ordinance	•	•	•	•							
Task 2	Propose Regional Design Standards											
	Meetings (4) with SoLoCo staff	•		•		•						
	Develop rationale statements				•	•						
	Produce draft regional design manual, and supporting documents	•	•	•	•	•						
Task 3	Facilitate Stakeholder and Public Review											
	Current codes stakeholder meetings (as-needed)				•	•						
	Initiate 45-day comment period					•	•					
	Engineer/developer stakeholder meetings (3)						•	•				
	Review public comments with SoLoCo								•			
	Revise ordinance and design manual								•	•		
Task 4	Deliver Final Lowcountry Stormwater Design Manual and Model Ordinance											
	Provide final ordinance and manual documents in SoLoCo meeting									•		
	Issue final Model Ordinance, Design Manual, and supporting documents									•		
	Training for Engineers and Plan Reviewers (3)										•	•

Cost-sharing Options

Cost Share for Regional SW Std. Development	Split by Population ⁽¹⁾		Split by Land Mass (sq. mi) ⁽²⁾		Even Distribution
Port Royal	12,785 (7.6%)	\$13,669	19.0 (1.8%)	\$3,282	\$29,925
Beaufort, City	13,445 (8.0%)	\$14,374	24.7 (2.4%)	\$4,260	\$29,926
HHI ⁽³⁾	N/A	\$0	N/A	\$0	\$0
Bluffton	18,897 (11.3%)	\$20,203	52.2 (5%)	\$9,015	\$29,926
Unincorp. BC	98,494 (58.7%)	\$105,302	267.8 (26.0%)	\$46,703	\$29,926
Yemassee ⁽⁴⁾	N/A	\$0	N/A	\$0	\$0
Unincorp, Jasper	18,603 (11.1%)	\$19,889	624.2 (60.0%)	\$107,717	\$29,926
Hardeeville	5,721 (3.4%)	\$6,116	49.7 (4.8%)	\$8,576	\$29,925
Ridgeland ⁽³⁾	N/A	\$0	N/A	\$0	\$0
TOTAL		\$179,554		\$179,554	\$179,554



Cost-sharing Options (con't)

1. Source: Vintage July 1, 2016 Population Estimates: Population Estimates
2. Source: Beaufort County GIS data for Beaufort County, Wikipedia search, Jasper County Comprehensive Plan for Jasper County (excludes water areas)
3. The Towns of Hilton Head Island and Ridgeland have chosen not to participate in the regional effort.
4. Beaufort County will assume this cost wholly on behalf of the Town of Yemassee.



Recommendations

1. Award a contract to Center for Watershed Protection to develop a regional stormwater model ordinance and technical design standards manual.
2. Among participating jurisdictions, cost-share the \$179,554 contract based upon population.



SoLoCo Guidance Requested

- Stormwater Tech. Subcommittee requests of SoLoCo :
 1. Confirm jurisdictional participation in the project
 2. Confirm jurisdictional FY19 budgeting in support of cost-sharing the project
 3. Vote to approve/disapprove the Stormwater Technical Subcommittee's recommendation for consultant award
 4. Vote to approve/disapprove the Stormwater Technical Subcommittee's recommendation for cost-sharing

Next Steps

- Each municipality review and approve SoLoCo recommendations and communicate confirmation of participation to Beaufort County
- Beaufort County and participating municipalities execute cost-sharing Memorandums of Understanding for the project
- Beaufort County execute contract with Center for Watershed Protection



Questions?