

## Appendix 12: Critical Needs Projects Scoring Matrix

**Appendix 11** contains the scoring matrix used to select the Critical Needs Projects.

Evaluation Matrix																			
Critical Needs Projects Criteria Evaluation																			
Criteria	Criteria Weighting	City Center A - Palm View		Flamingo/ Lummus E - Lenox Ave		Flamingo/ Lummus C - Lenox Ave		Flamingo/ Lummus A - 6th St		City Center B		Nautilus A - Royal Palm Ave		Muss Park		Bayshore C - Royal Palm Ave		Bayshore C - W 34th St	
		Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score
Flooding Complaints	7	3	21	1	7	5	35	5	35	5	35	5	35	5	35	3	21	3	21
Low Topography / Tidal Inundation	7	3	21	5	35	5	35	5	35	1	7	5	35	5	35	3	21	3	21
Temporary Pumps	7	5	35	0	0	1	7	0	0	0	0	0	0	5	35	0	0	5	35
Constructability	7	5	35	5	35	5	35	5	35	1	7	5	35	5	35	5	35	1	7
Neighborhood Improvement Project Ranking	6	5	30	3	18	1	6	1	6	1	6	3	18	5	30	3	18	3	18
No Improvement Projects in the Last 10 Years	6	5	30	5	30	0	0	5	30	5	30	1	6	1	6	0	0	0	0
Exfiltration Trenches	4	0	0	0	0	0	0	0	0	0	0	3	12	5	20	0	0	0	0
Drainage Wells	4	1	4	5	20	1	4	3	12	3	12	0	0	0	0	0	0	5	20
Insufficient Drainage	4	3	12	5	20	5	20	3	12	3	12	5	20	5	20	3	12	1	4
Historic District	3	5	15	5	15	5	15	5	15	5	15	1	3	1	3	5	15	5	15
Community and Emergency Facilities	3	5	15	5	15	3	9	0	0	0	0	0	0	5	15	5	15	0	0
No Permitting Complexity	3	5	15	5	15	5	15	5	15	5	0	5	15	5	15	0	0	5	15
10-Year Design Storm Flooding	1	3	3	5	5	5	5	5	5	1	1	5	5	5	5	5	5	5	5
No Connection to Outfalls	1	0	0	1	1	1	1	0	0	5	5	3	3	0	0	1	1	0	0
Criteria Evaluation	Totals	233		210		187		200		130		187		254		143		161	

Evaluation Matrix																				
Critical Needs Projects Criteria Evaluation																				
Criteria		Bayshore C - Chase Ave		Bayshore B (North)		Lower North Bay Rd A		Lower North Bay Rd - Michigan Ave		Venetian Island B		Biscayne Point A - Crespi Blvd		Biscayne Point A - Hawthorne Ave		Biscayne Point C - Norem Ave		Biscayne Point C - Norem Ave		
		Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	
Flooding Complaints		7	3	21	5	35	5	35	1	7	3	21	3	21	1	7	5	35	5	35
Low Topography / Tidal Inundation		7	5	35	1	7	5	35	5	35	5	35	5	35	5	35	0	0	0	0
Temporary Pumps		7	5	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Constructability		7	0	0	5	35	3	21	3	21	1	7	1	7	1	7	5	35	5	35
Neighborhood Improvement Project Ranking		6	3	18	3	18	5	30	5	30	3	18	1	6	1	6	5	30	5	30
No Improvement Projects in the Last 10 Years		6	0	0	0	0	0	0	5	30	5	30	0	0	0	0	0	0	0	0
Exfiltration Trenches		4	0	0	0	0	0	0	0	0	1	4	0	0	0	0	1	4	1	4
Drainage Wells		4	0	0	1	4	1	4	0	0	3	12	0	0	5	20	0	0	1	4
Insufficient Drainage		4	1	4	5	20	1	4	5	20	1	4	1	4	0	0	5	20	5	20
Historic District		3	0	0	5	15	3	9	0	0	0	0	5	15	0	0	0	0	0	0
Community and Emergency Facilities		3	1	3	5	15	5	15	0	0	0	0	0	0	5	15	0	0	0	0
No Permitting Complexity		3	1	3	5	15	3	9	0	0	3	9	5	15	5	15	5	15	5	15
10-Year Design Storm Flooding		1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
No Connection to Outfalls		1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Criteria Evaluation		Totals	124		170		167		148		145		108		110		144		148	

Evaluation Matrix																			
Critical Needs Projects Criteria Evaluation																			
Criteria	Criteria Weighting	Biscayne Point C - Chase Ave		Normandy Shores A - Shore Lane		La Gorce Island A		La Gorce A		La Gorce B		La Gorce C - N Bay Rd 1		La Gorce C - N Bay Rd 2		Nautilus D - N Bay Rd		Lakeview A (North)	
		Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score
Flooding Complaints	7	3	21	3	21	3	21	5	35	5	35	5	35	5	35	5	35	5	35
Low Topography / Tidal Inundation	7	0	0	1	7	1	7	5	35	3	21	5	35	3	21	5	35	1	7
Temporary Pumps	7	0	0	0	0	0	0	5	35	0	0	5	35	5	35	0	0	0	0
Constructability	7	5	35	5	35	5	35	5	35	1	7	5	35	5	35	5	35	5	35
Neighborhood Improvement Project Ranking	6	5	30	5	30	5	30	5	30	3	18	5	30	5	30	5	30	5	30
No Improvement Projects in the Last 10 Years	6	0	0	5	30	5	30	1	6	5	30	5	30	5	30	3	18	5	30
Exfiltration Trenches	4	1	4	3	12	3	12	5	20	0	0	0	0	1	4	0	0	1	4
Drainage Wells	4	0	0	0	0	0	0	1	4	0	0	1	4	0	0	0	0	0	0
Insufficient Drainage	4	5	20	3	12	5	20	5	20	5	20	5	20	5	20	1	4	5	20
Historic District	3	0	0	0	0	0	0	0	0	5	15	1	3	3	9	5	15	0	0
Community and Emergency Facilities	3	0	0	0	0	1	3	5	15	0	0	0	0	0	0	0	0	1	3
No Permitting Complexity	3	5	15	5	15	1	3	1	3	0	0	5	15	5	15	5	15	5	15
10-Year Design Storm Flooding	1	5	5	5	5	3	3	5	5	5	5	5	5	5	5	5	5	3	3
No Connection to Outfalls	1	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Criteria Evaluation	Totals	130		170		164		243		151		247		239		192		185	

<b>Evaluation Matrix</b>																
<b>Critical Needs Projects Criteria Evaluation</b>																
Criteria		Nautilus F (North)		Nautilus F - Nautilus Dr		Nautilus G - Nautilus Middle School		Nautilus G - N Bay Rd		Bayshore D		North Shore A - Byron Ave		N Shore B & C - Dickens Ave		
		Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	
Flooding Complaints		7	3	21	5	35	3	21	1	7	1	7	3	21	5	35
Low Topography / Tidal Inundation		7	5	35	5	35	3	21	5	35	5	35	1	7	1	7
Temporary Pumps		7	0	0	0	0	0	0	0	0	0	0	5	35	5	35
Constructability		7	3	21	5	35	0	0	5	35	3	21	5	35	5	35
Neighborhood Improvement Project Ranking		6	5	30	5	30	3	18	3	18	5	30	3	18	1	6
No Improvement Projects in the Last 10 Years		6	5	30	5	30	5	30	5	30	5	30	5	30	5	30
Exfiltration Trenches		4	3	12	0	0	0	0	5	20	0	0	0	0	0	0
Drainage Wells		4	3	12	5	20	5	20	0	0	0	0	1	4	1	4
Insufficient Drainage		4	3	12	5	20	1	4	5	20	3	12	3	12	3	12
Historic District		3	0	0	0	0	5	15	0	0	0	0	5	15	5	15
Community and Emergency Facilities		3	0	0	0	0	5	15	0	0	5	15	3	9	5	15
No Permitting Complexity		3	3	9	1	3	1	3	0	0	1	3	1	3	1	3
10-Year Design Storm Flooding		1	5	5	5	5	3	3	5	5	5	5	5	5	5	5
No Connection to Outfalls		1	0	0	3	3	0	0	5	5	0	0	0	0	0	0
Criteria Evaluation		Totals	187		216		150		175		158		194		202	