

DEBARY MINOR STORMWATER PROJECTS

Since 2002, the City of DeBary, PEC and Pegasus Engineering have been compiling a list of "minor" stormwater problem areas. These projects usually target specific localized / nuisance flooding, as well as maintenance related activities. The following is a partial list of the "minor" stormwater projects. **Please note that these projects are not listed in order of priority.**

LEGEND (Project Status):	
	represents constructed improvements
	represents next round of projects to be designed and constructed



	Project Location	Problem Area Description	Recommended Improvements	Easements Required	Memo	Email	Photos	Figure(s)	Quadrant	Ranking
1	Da Rosa Avenue Stormwater Pond (Terra Alta)	Chronic Erosion (Constructed)	Re-grade Wash-Outs and Install Erosion Protection	No		07/09/10	07/08/10	X	NW	Low
2	9 Dogwood Trail (Dr. James Mulligan)	Chronic Erosion (Constructed)	Extend the Outfall Pipe and Backfill	Yes	08/12/14		08/06/14	X	NW	Median
3	11 Hollow Pine Drive (Joseph Senior)	Localized Flooding (Constructed)	Install Inlets and Pipes	No		07/27/14	06/13/13	X	NW	High
4	557 Quail Crest Court (Scott and Tammy Morgan)	Groundwater Seepage	Install Underdrains	No			06/03/14		NW	Low
5	Interlachen Court (DGCC)	Roadway and Structure Subsidence	Refer to Devo's Preliminary Assessment Memorandum	No	02/23/10				NW	Low
6	308 Caddie Drive (Bruce Kendrick)	Rear Yard Flooding	"Joint" Stormwater Project with DGCC Master HOA	Yes				X	NW	Low
7	Spring Glen Drive (Eddie Harper, HOA President)	Localized Flooding	Evaluate Existing System	No	08/11/09			X	NE	Low
8	107 Spring Glen Drive (Eddie Harper, HOA President)	Localized Flooding	Glen Abbey Golf Club to secure Easement & Modify Permit	Yes	04/24/14		04/11/14	X	NE	Median
9	Soft Shadow Lane (south of North Pine Meadow Drive)	Standing Water in Inlets (Constructed)	Retrofit the Existing Bubble-Up Structure	No		08/11/14		X	NE	Low
10	410 North Pine Meadow Drive (Frank and Teresa Balazs)	Localized Flooding (Constructed)	Install Inlets and Pipes	No	07/03/13		06/13/13	X	NE	High
11	519 South Pine Meadow Drive (Caroline Hatch)	Localized flooding (Constructed)	Install Inlets and Pipes (2008 CIP Project #47)	Yes				X	NE	Median
12	116 Glen Abbey Lane (Monica Alvarez)	Groundwater Seepage	Retrofit Existing Exfiltration System	No			06/09/09	X	NE	Low
13	63 and 75 Pine Meodow Drive (DeBary Woods)	Localized Flooding	Retrofit Existing Inlets and Minor Grading	No				X	NE	Low
14	411 and 413 North Pine Meadow Drive	Localized Flooding	Retrofit Existing <u>Private</u> System	???			06/27/18	X	NE	Median
15	514 North Pine Meadow Drive	Groundwater Seepage (Bids Due 08/28/18)	Retrofit Existing Underdrain System	No				X	NE	Median
16	221 Glen Abbey Lane (Kevin Huynh and Katie Dang)	Groundwater Seepage	Retrofit Existing Underdrain System	No			06/03/14	X	NE	Low
17	387 Glen Abbey Lane (William and Margaret Lambert)	Dead-end Exfiltration System	Connect to Existing Downstream System	No		04/15/10		X	NE	Low
18	530 South Pine Meadow Drive (Jeff and Jennifer Frame)	Erosion and Undermining Issues	Install Swales and Underdrains	No			08/06/14	X	NE	Low
19	532 South Pine Meadow Drive (Thomas Pisello)	Leaking CMP Pipe	CCTV Inspection	No	10/22/12		10/12/12	X	NE	Low
20	20 Catalina Drive (Deborah Anderson)	Localized Yard Flooding	Install Inlets and Pipes	Yes	10/24/12		10/12/12	X	SW	Median
21	25 Lake Drive (Maryann Barden)	Minor Localized Flooding	Conduct Borings within Swale / Exfiltration System	No		07/25/11	07/19/11	X	SW	Low
22	60 Azalea Drive (Betty Copley)	Rear Yard Localized Flooding	Install Inlets and Pipes	Yes			06/13/13	X	SW	Low

DEBARY MINOR STORMWATER PROJECTS

Since 2002, the City of DeBary, PEC and Pegasus Engineering have been compiling a list of "minor" stormwater problem areas. These projects usually target specific localized / nuisance flooding, as well as maintenance related activities. The following is a partial list of the "minor" stormwater projects. **Please note that these projects are not listed in order of priority.**

LEGEND (Project Status):	
	represents constructed improvements
	represents next round of projects to be designed and constructed



	Project Location	Problem Area Description	Recommended Improvements	Easements Required	Memo	Email	Photos	Figure(s)	Quadrant	Ranking
23	70 Smyrna Drive (Joseph Marlene and Louis Felix)	Significant Flooding	Integrate with the 70 Lake Drive Improvements	Yes	11/03/04				SW	Median
24	South Shell Road and Fort Florida Road	Localized Flooding	Upgrade Existing Culverts and Ditches	No	03/19/13		02/19/13	X	SW	Median
25	73 Park Lane (Lisa Gamache)	Localized Flooding	Install Inlets and Pipes	No		09/30/09		X	SW	Low
26	405 and 409 West Highbanks Road (Richard Patterson)	Localized Flooding	Both Homes have been Acquired (Schedule Demo)	No				X	SW	Median
27	134 Floridana Road (Kirk Cossairt)	Localized Flooding	Install Inlets and Pipes	Yes		08/29/11	08/23/11	X	SE	Median
28	136 Colomba Road (Stephen Vickery)	Localized Flooding	Evaluate Existing System / Install Inlets and Pipes	Yes	10/24/12		10/12/12	X	SE	Low
29	115 Angeles Road (Deanna Love)	Localized Flooding	Install Inlets and Pipes	Yes				X	SE	Low
30	42 and 50 Bass Lake Road, 200 May Place, and 268 and 272 Deleon Road	Rear Yard Localized Flooding	Revisit the Pump Elevations for Woodbound Lake	No				X	SE	Median
31	22, 24, and 34 Madera Road	Rear Yard Localized Flooding	Revisit the Pump Elevations for Gem Lake	No				X	SE	Median
32	250 Fraser Road (Ken Viola)	Side Slope Erosion	Enclose Existing Ditch with Pipes	Yes	10/22/12		10/12/12	X	SE	Low
33	286 DeBary Drive (Helen Gifford)	Localized Flooding	Install Inlets and Pipes	Yes		07/13/12	06/29/12	X	SE	Median
34	294 Deleon Road (Joseph Amato)	Localized Flooding (Constructed)	Install Inlets and Pipes	No	08/12/14		08/06/14	X	SE	High
35	9 Granada Road (Julieanne Hynes)	Localized Flooding	Install Inlets and Pipes	Yes	08/13/14		06/16/14	X	SE	Median
36	DeBary Drive (east of U.S. Highway 17/92)	Localized Flooding	Install Inlets and Pipes	FDOT	10/19/12	10/26/12	10/12/12	X	SE	Low
37	238 Agua Vista Street (Lois Hawks)	Structural and Localized Flooding	Currently Pursuing Acquisition	Yes				X	SE	High
38	371 Magnolia Place (Bill Cary)	Side Slope Erosion (Constructed)	Slope Stabilization Improvements	No		11/09/14	11/09/14	X	SE	Median
39	27 Alicante Road (Marilyn Shepherd Gorczynski)	Localized Flooding (Bids Due 08/28/18)	Install Inlets and Pipes	Yes			06/13/13	X	SE	Median
40	274 Sunrise Boulevard (Gus Cianelli)	Maintenance	Remove Sediments within Culverts	No		01/25/11	01/11/11	X	SE	Low
41	218 Valencia Road (between Palm Road and Sepp Road)	Localized Flooding	Install Inlets and Pipes	Yes	11/03/04		09/10/04		SE	Median
42	284 Valencia Road (Dale Dykes)	Localized flooding	Upgrade Existing Drainage System	Yes	11/03/04	05/21/09	09/10/04		SE	Median
43	90 Highland Avenue (Harris and Deborah Custer)	Localized Flooding	Install Inlets and Pipes	No		06/07/09		X	SE	Median

DEBARY MINOR STORMWATER PROJECTS

Since 2002, the City of DeBary, PEC and Pegasus Engineering have been compiling a list of "minor" stormwater problem areas. These projects usually target specific localized / nuisance flooding, as well as maintenance related activities. The following is a partial list of the "minor" stormwater projects. **Please note that these projects are not listed in order of priority.**

LEGEND (Project Status):	
	represents constructed improvements
	represents next round of projects to be designed and constructed



	Project Location	Problem Area Description	Recommended Improvements	Easements Required	Memo	Email	Photos	Figure(s)	Quadrant	Ranking
44	275 East Constance Road (Hilda Turner)	Localized flooding (Constructed)	Upgrade Existing Inlet and Outfall Pipe	No			08/24/10	X	SE	Median
45	277 East Constance Road (Sheri Langlais)	Localized flooding (Constructed)	Install Swale System	No	10/24/12		09/28/12	X	SE	Low
46	283 East Constance Road (Lee Atkins)	Localized Flooding	Install Asphalt Curb	No		05/26/10		X	SE	Low
47	Intersection of Sunrise Boulevard and Margarita Road	Groundwater Seepage	Install Underdrains	No	08/26/09		10/02/08	X	SE	Median
48	11 Plantation Road (Sunshine State One Call of Florida)	Localized Flooding	Install Inlets and Pipes	Yes			06/03/14	X	SE	Low
49	123 Plantation Road (Patricia Eckstein)	Erosion and Drainage Issues	Retrofit Inlet and Gutter System	No			03/05/10	X	SE	Low
50	142 Lakewood Drive (Chris Davis)	Localized Flooding	Install Swales or Inlets and Pipes	No				X	SE	Low
51	149 Angeles Road (Louis Morales)	Localized Flooding	Install Inlets and Pipes	No		05/16/12	05/11/12	X	SE	Low
52	149 Eldorado Drive (Mike and Rebecca Sadler)	Localized flooding (Constructed)	Install Inlets and Pipes	Yes	02/28/11		08/24/10	X	SE	Median
53	207 and 209 Sunrise Boulevard (Patricia Rowe)	Localized Flooding	Install Swales and Culverts	No			03/05/10	X	SE	Low
54	218 / 220 Acacia Road (Jeffery Robinson / Alex Brophy)	Severe Erosion	Appraisals Underway	Yes				X	SE	High
55	265 Ponce Lane (Clifford Russ)	Localized Flooding (Bids Due 08/28/18)	Install Inlets and Pipes	Yes				X	SE	High
56	142 DeLeon Road (Kerry Wiegert)	Severe Erosion	Home as been Acquired (Schedule Demo)	No				X	SE	High
57	353 Lake Crescent Drive (Paul & Laurel Hudson)	Ditch Maintenance (Constructed)	Stabilize Side Slopes						SE	Low
58	119 and 123 Sunrise Boulevard (Jack Cox)	Localized Flooding	Install Inlets and Pipes and Purchase Vacant Lot				06/10/15		SE	Median
59	Intersection of Plantation Road and Grande Vista Street	Localized Flooding	Currently Pursuing Parcel Acquisition					X	SE	Median
60	144 / 148 DeBary Drive (Hector Cruz / Peter Wasilko)	Localized Flooding	Install Inlets and Pipes					X	SE	Low
61	286 DeLeon Road (Mayor Coleman)	Localized Flooding	Install Inlets and Pipes	Yes				X	SE	Low

Prepared By : Pegasus Engineering (David Hamstra, P.E.)

Last Updated : August 19, 2018 (Originally Prepared on December 19, 2012)