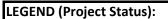
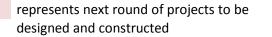
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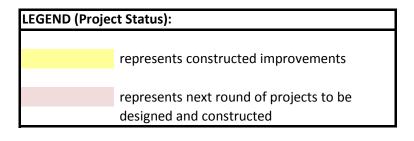
represents constructed improvements





Project Location	Problem Area Description	Recommended Improvements	Easements Required	Memo	Email	Photos	Figure(s)	Quadrant	Ranking
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
9 Dogwood Trail (Dr. James Mulligan)	Chronic Erosion (Constructed)	Extend the Outfall Pipe and Backfill	Yes	08/12/14		08/06/14	×	NW	Median
3 11 Hollow Pine Drive (Joseph Senior)	Localized Flooding (Constructed)	Install Inlets and Pipes	No		07/27/14	06/13/13	×	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
Spring Glen Drive (Eddie Harper, HOA President)	Localized Flooding	Evaluate Existing System	No	08/11/09			x	NE	Low
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	х	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		х	NE	Low
410 North Pine Meadow Drive (Frank and Teresa Balazs)	Localized Flooding (Constructed)	Install Inlets and Pipes	No	07/03/13		06/13/13	х	NE	High
519 South Pine Meadow Drive (Caroline Hatch)	Localized flooding (Constructed)	Install Inlets and Pipes (2008 CIP Project #47)	Yes				х	NE	Median
116 Glen Abbey Lane (Monica Alvarez)	Groundwater Seepage	Retrofit Existing Exfiltration System	No			06/09/09	х	NE	Low
63 and 75 Pine Meodow Drive (DeBary Woods)	Localized Flooding	Retrofit Existing Inlets and Minor Grading	No				х	NE	Low
411 and 413 North Pine Meadow Drive	Localized Flooding	Retrofit Existing <u>Private</u> System	???			06/27/18	х	NE	Median
15 514 North Pine Meadow Drive	Groundwater Seepage (Bids Due 08/28/18)	Retrofit Existing Underdrain System	No				Х	NE	Median
221 Glen Abbey Lane (Kevin Huynh and Katie Dang)	Groundwater Seepage	Retrofit Existing Underdrain System	No			06/03/14	х	NE	Low
387 Glen Abbey Lane (William and Margaret Lambert)	Dead-end Exfiltration System	Connect to Existing Downstream System	No		04/15/10		х	NE	Low
530 South Pine Meadow Drive (Jeff and Jennifer Frame)	Erosion and Undermining Issues	Install Swales and Underdrains	No			08/06/14	Х	NE	Low
532 South Pine Meadow Drive (Thomas Pisello)	Leaking CMP Pipe	CCTV Inspection	No	10/22/12		10/12/12	Х	NE	Low
20 Catalina Drive (Deborah Anderson)	Localized Yard Flooding	Install Inlets and Pipes	Yes	10/24/12		10/12/12	Х	SW	Median
25 Lake Drive (Maryann Barden)	Minor Localized Flooding	Conduct Borings within Swale / Exfiltration System	No		07/25/11	07/19/11	Х	SW	Low
60 Azalea Drive (Betty Copley)	Rear Yard Localized Flooding	Install Inlets and Pipes	Yes			06/13/13	Х	SW	Low







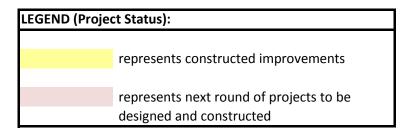
Project Location	Problem Area Description	Recommended Improvements	Easements Required	Memo	Email	Photos	Figure(s)	Quadrant	Ranking
70 Smyrna Drive (Joseph Marlene and Louis Felix)	Significant Flooding	Integrate with the 70 Lake Drive Improvements	Yes	11/03/04				SW	Median
South Shell Road and Fort Florida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



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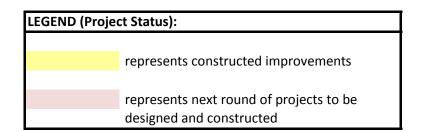


Project Location	Problem Area Description	Recommended Improvements	Easements Required	Memo	Email	Photos	Figure(s)	Quadrant	Ranking
275 East Constance Road (Hilda Turner)	Localized flooding (Constructed)	Upgrade Existing Inlet and Outfall Pipe	No			08/24/10	Х	SE	Median
277 East Constance Road (Sheri Langlais)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

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

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

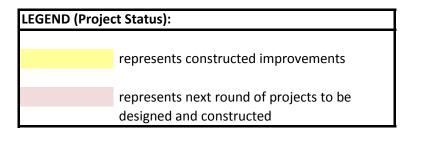






Project Location	Problem Area Description	Recommended Improvements	Easements Required	Memo	Email	Photos	Figure(s)	Conceptual Cost	Ranking
Northwest Quadrant									
1 11 Hollow Pine Drive (Joseph Senior)	Localized Flooding (Constructed)	Install Inlets and Pipes	No		07/27/14	06/13/13	Х		High
9 Dogwood Trail (Dr. James Mulligan)	Chronic Erosion (Constructed)	Extend the Outfall Pipe and Backfill	Yes	08/12/14		08/06/14	Х		Median
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	Х		Low
4 123 Lower Lake Court (Anne Nunnery)	Chronic Rear Yard Flooding	Install Inlets and Pipes (resolve Public Purpose)	Yes		Several	11/05/18	Х	\$7,500	Median
Jasmine Drive and Larkspur Lane (Lakes Maud and Olivia)	Failing Stormwater Infrastructure	Replace Existing Storm Pipes	No				х	\$25,000	Median
557 Quail Crest Court (Scott and Tammy Morgan)	Groundwater Seepage	Install Underdrains	No			06/03/14		1	Low
Northeast Quadrant									
7 410 North Pine Meadow Drive (Frank and Teresa Balazs)	Localized Flooding (Constructed)	Install Inlets and Pipes	No	07/03/13		06/13/13	Х		High
519 South Pine Meadow Drive (Caroline Hatch)	Localized flooding (Constructed)	Install Inlets and Pipes (2008 CIP Project #47)	Yes				х		Median
9 514 North Pine Meadow Drive (Willie and Mary Jones)	Groundwater Seepage (Constructed)	Retrofit Existing Underdrain System	No				х		Median
Soft Shadow Lane (south of North Pine Meadow Drive)	Standing Water in Inlets (Constructed)	Retrofit the Existing Bubble-Up Structure	No		08/11/14		х		Low
East Highbanks Road and Simcoe Street	Stormwater Infrastructure (Constructed)	Replace Existing Storm Pipe	No				Х	\$75,000	High
534 - 566 South Pine Meadow Drive (Glen Abbey)	Failing Stormwater Infrastructure	Replace Existing Storm Pipes	No				Х	\$600,000	High
411 and 413 North Pine Meadow Drive	Localized Flooding	Retrofit Existing <u>Private</u> System	Yes			06/27/18	х		High
14 Hayman Court (Summerhaven)	Failing Stormwater Infrastructure	Replace Existing Storm Pipes	No				Х	\$65,000	Median
63 and 75 Pine Meadow Drive (DeBary Woods)	Localized Flooding	Retrofit Existing Inlets and Minor Grading	No				х	\$25,000	Median
16 517 North Pine Meadow Drive (Robert Schermerhorn)	Failing Stormwater Infrastructure	Replace Existing Storm Pipes	No		07/09/19		х	\$10,000	Median
17 Eagle Brook Court (Glen Abbey)	Localized Yard Flooding	Install Inlets and Pipes	No				Х	2	Median
116 Glen Abbey Lane (Monica Alvarez)	Groundwater Seepage	Retrofit Existing Underdrain System	No			06/09/09	Х	3	Low
19 221 Glen Abbey Lane (Kevin Huynh and Katie Dang)	Groundwater Seepage	Retrofit Existing Underdrain System	No			06/03/14	Х	4	Low
387 Glen Abbey Lane (William and Margaret Lambert)	Dead-end Exfiltration System	Connect to Existing Downstream System	No		04/15/10		Х	5	Low

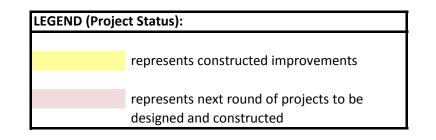






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530 South Pine Meadow Drive (Jeff and Jennifer Frame)	Erosion and Undermining Issues	Install Swales and Underdrains	No			08/06/14	X	6	Low
532 South Pine Meadow Drive (Thomas Pisello)	Leaking CMP Pipe	CCTV Inspection	No	10/22/12		10/12/12	Х	7	Low
Southwest Quadrant									
405 and 409 West Highbanks Road (Richard Patterson)	Localized Flooding	Acquisition Complete	No				x		High
24 West Highbanks Road (South Drainage System)	Localized Flooding	Upgrade Existing Culverts and Ditches (Survey Underway)	No				Х	\$100,000	Median
25 South Shell Road and Fort Florida Road	Localized Flooding	Upgrade Existing Culverts and Ditches	No	03/19/13		02/19/13	x	8	Median
20 Catalina Drive (Deborah Anderson)	Localized Yard Flooding	Install Inlets and Pipes	Yes	10/24/12		10/12/12	x	9	Median
70 Smyrna Drive (Joseph Marlene and Louis Felix)	Significant Flooding	Integrate with the 70 Lake Drive Improvements	Yes	11/03/04				10	Median
28 60 Azalea Drive (Betty Copley)	Rear Yard Localized Flooding	Install Inlets and Pipes	Yes			06/13/13	x	11	Low
73 Park Lane (Lisa Gamache)	Localized Flooding	Install Inlets and Pipes	No		09/30/09		х	12	Low
25 Lake Drive (Maryann Barden)	Minor Localized Flooding	Conduct Borings within Swale / Exfiltration System	No		07/25/11	07/19/11	x	13	Low
Southeast Quadrant									
238 Agua Vista Street (Lois Hawks)	Structural and Localized Flooding	Acquisition Complete	Yes				x		High
32 294 Deleon Road (Joseph Amato)	Localized Flooding (Constructed)	Install Inlets and Pipes	No	08/12/14		08/06/14	х		High
265 Ponce Lane (Clifford Russ)	Localized Flooding (Constructed)	Install Inlets and Pipes	Yes				x		High
142 DeLeon Road (Kerry Wiegert)	Severe Erosion	Acquisition Complete	No				x		High
371 Magnolia Place (Bill Cary)	Side Slope Erosion (Constructed)	Slope Stabilization Improvements	No		11/09/14	11/09/14	x		Median
27 Alicante Road (Marilyn Shepherd Gorczynski)	Localized Flooding (Under Construction)	Install Inlets and Pipes	Yes			06/13/13	Х		Median
275 East Constance Road (Hilda Turner)	Localized flooding (Constructed)	Upgrade Existing Inlet and Outfall Pipe	No			08/24/10	Х		Median
149 Eldorado Drive (Mike and Rebecca Sadler)	Localized flooding (Constructed)	Install Inlets and Pipes	Yes	02/28/11		08/24/10	Х		Median
277 East Constance Road (Sheri Langlais)	Localized flooding (Constructed)	Install Swale System	No	10/24/12		09/28/12	Х		Low
40 353 Lake Crescent Drive (Paul and Laurel Hudson)	Ditch Maintenance (Constructed)	Stabilize Side Slopes							Low







Project Location	Problem Area Description	Recommended Improvements	Easements Required	Memo	Email	Photos	Figure(s)	Conceptual Cost	Ranking
41 273 - 284 Valencia Road (Faye Brandani)	Localized flooding (FY 19/20)	Upgrade Existing Drainage System	Yes	11/03/04	05/21/09	09/10/04		CIP	Median
42 134 Floridana Road (Kirk Cossairt)	Localized Flooding	Install Inlets and Pipes (Design Complete)	Yes		08/29/11	08/23/11	Х	CIP	Median
Sunrise Boulevard and Margarita Road (Richard Caty)	Groundwater Seepage	Install Underdrains (Design Underway)	No	08/26/09		10/02/08	Х	CIP	Median
42 and 50 Bass Lake Road, 200 and 300 May Place, and 268 and 272 Deleon Road	Yard and Structural Flooding (5-Year Stormwater CIP Project)	Force Main between Woodbound Lake and Tropic Lagoon, Permanent Stormwater Pump Station, and Emergency Generator (Design Underway)	Yes				X	CIP	Median
9 Granada Road (Julianne Hynes)	Localized Flooding	Install Inlets and Pipes	Yes	08/13/14		06/16/14	Х	14	Median
46 32 Bonita Road (Paul Daddario)	Localized Flooding	Install Inlets and Pipes	Yes				Х	\$150,000	Median
47 53 Madera Road (Jon Adams)	Localized Flooding	Construct Shallow Pond	No				Х	\$175,000	Median
48 243 East Highbanks Road (William Little)	Erosion of Private Property	Install Berm and Swale or Inlets and Pipes	Yes			07/18/19	Х	\$25,000	Median
49 220 Acacia Road (Alex Brophy)	Severe Erosion (FY 22/23)	Install Inlets and Pipes (Acquisition Complete)	Yes				Х	15	Median
50 119 and 123 Sunrise Boulevard (Jack Cox)	Localized Flooding	Install Inlets and Pipes and Purchase Vacant Lot				06/10/15		16	Median
Plantation Road and Grande Vista Street	Localized Flooding (FY 22/23)	Install Inlets and Pipes (Acquisition Complete)					X	17	Median
52 22, 24, and 34 Madera Road	Rear Yard Localized Flooding	Revisit the Pump Elevations for Gem Lake	No				X	18	Median
218 Valencia Road (between Palm Road and Sepp Road)	Localized Flooding	Install Inlets and Pipes	Yes	11/03/04		09/10/04		19	Median
54 115 Angeles Road (Deanna Love)	Localized Flooding	Install Inlets and Pipes	Yes				X	20	Low
149 Angeles Road (Louis Morales)	Localized Flooding	Install Inlets and Pipes	No		05/16/12	05/11/12	X	21	Low
56 250 Fraser Road (Ken Viola)	Side Slope Erosion	Enclose Existing Ditch with Pipes	Yes	10/22/12		10/12/12	X	22	Low
286 DeBary Drive (Helen Gifford)	Localized Flooding	Install Inlets and Pipes	Yes		07/13/12	06/29/12	X	23	Low
DeBary Drive and Valencia Road	Localized Flooding	Install Inlets and Pipes	FDOT	10/19/12	10/26/12	10/12/12	X	24	Low
59 207 and 209 Sunrise Boulevard (Patricia Rowe)	Localized Flooding	Install Swales and Culverts	No			03/05/10	X	25	Low
60 274 Sunrise Boulevard (Gus Cianelli)	Maintenance	Remove Sediments within Culverts	No		01/25/11	01/11/11	X	26	Low

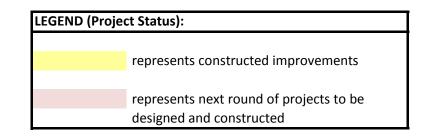




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61	90 Highland Avenue (Harris and Deborah Custer)	Localized Flooding	Install Inlets and Pipes	No	06/07/09		Х	27	Low
62	283 East Constance Road (Lee Atkins)	Localized Flooding	Install Asphalt Curb	No	05/26/10		Х	28	Low
63	11 Plantation Road (Sunshine State One Call of Florida)	Localized Flooding	Install Inlets and Pipes	Yes		06/03/14	Х	29	Low
64	123 Plantation Road (Patricia Eckstein)	Erosion and Drainage Issues	Retrofit Inlet and Gutter System	No		03/05/10	Х	30	Low
65	142 Lakewood Drive (Chris Davis)	Localized Flooding	Install Swales or Inlets and Pipes	No			Х	31	Low
66	144 / 148 DeBary Drive (Hector Cruz / Peter Wasilko)	Localized Flooding	Install Inlets and Pipes				Х	32	Low
67	286 DeLeon Road (Mayor Coleman)	Localized Flooding	Install Inlets and Pipes	Yes			Х	33	Low

\$1,257,500

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

Last Updated: October 4, 2019 (Originally Prepared on December 19, 2012)

