



**Project:** LELY GOLF ESTATES BEAUTIFICATION, M.S.T.U. **Landscape Architect Observation Report:** January 2020  
**Location:** MSTU DISTRICT ROADWAYS  
**Project Manager:** Dan Schumacher, Collier County Public Services Division, Public Transportation & Neighborhood Enhancements Department  
**Consultant:** McGee & Associates **Consultant's Representative:** Michael A. McGee, rla, isa  
**Contractor:** Superb Maintenance **Contractor's Representative:** Robert Kindelan, Gary Gorden  
**Report Date:** FY20-21, 1/5/2021 **Observation Date:** 1/5/2021

**Report No. 4 (FY21)**

**AC** - Indicates major or repeating items recommended to be discussed by the Advisory Committee  
**S** - Indicates items to be addressed by staff. **C** - Indicates items to be addressed by Contractor  
 Contractor is requested to address items as soon as possible and indicate in **RESPONSE/COMMENTS** column when and which items are corrected.  
**Note:** Copy picture out of comment boxes and then paste to additional sheet if picture is desired in larger size.

LOCATION/WORK AREA	AC	S	C	R	OBSERVATION & RECOMMENDATIONS	ADDITIONAL COMMENTS
<u>All locations</u>		X	X		Topdressing mulching in all areas recommended.	Strikethrough indicates items that have been addressed or being addresses and will be removed from the next month's report. Yellow highlighting indicates items that need to be addressed as soon as possible for safety issues or potential plant damage.
<u>St. Andrews Blvd. &amp; US 41</u> In bound R/W South		X	X		Remove Oyster plants to one foot off edge of sidewalk.	
Out bound R/W North Suncoast Credit Union side of sidewalk		X	X	2	Prune fronds and/or stems away from light pole #6.	
		X	X	2	Selectively prune off branches that are growing cover the Alexander palms adjacent to the two westernmost Oak trees.	
		X	X	2	Add (9) missing 1 gal. Perennial peanut Golden Glory to east side of existing bed between Bougainvillea silhouette shrubs along valley gutter.	
<u>St. Andrews Blvd.</u> Median #1	X	X			Annual Bed Replaced: Geraniums (Tango violet) field with white Alyssum two row border.	
	X	X			(5) Washingtonia palms remain in the median for possible removal.	Deferred into October
Median #2					No major issues observed.	
Median #3	X	X			(2) Washingtonia palms @ address 105 remain in the median for possible removal.	Deferred into October
Median #4					No major issues observed.	
Median #5		X	X	2	At address 167: One Foxtail palm on east end is in decline. Suspect Ganoderma, but no visible signs other than decline and dead fronds. Additional palm Special fertilizer would be recommended.	M&A 12-3-20 Palm tree flagged for recommended removal due to fungus conch being present.
Median #6					No major issues observed.	
	X	X			(2) Washingtonia palms @ address 249 remain in the median for possible removal.	Deferred into October
Median #7		X	X		Second Foxtail palm from west end: Foxtail palm is in decline. Suspect Ganoderma, but no visible signs other than decline and dead fronds. Additional palm Special fertilizer would be recommended.	
Median #8	X	X			No major landscape issues observed. Lift station replacement project in median appears complete.	

**Design \* Environmental Management \* Planning \* Arborist**

5079 Tamiami Trail East / P. O. Box 8052 Naples, Florida 34101  
 Phone (239) 417-0707 \* Fax (239) 417-0708  
 LC 098 \* FL 1023A

*McGee & Associates*

Landscape Architecture

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Median #8A					No major issues observed.	
Median #9					No major issues observed.	
	X	X			(3) Washingtonia palms remain in the median for possible removal.	Deferred into October
Median #10					No major issues observed.	
<u>Forrest Hills Blvd</u> Median #11					No major issues observed.	
	X	X			(3) Washingtonia palms @ address 556 remain in the median for possible removal.	Deferred into October
Median #12					No major issues observed.	
	X	X			(3) Washingtonia palms @ address 407 remain in the median for possible removal.	
<u>Forest Hills Cart Crossing &amp; Lake</u>	X	X	X	10	Perennial peanut planting is not actively growing. Contractor needs to review and provide count for replanting.	M&A 7/6/20 Recommend not replanting northeast and southeast areas. Southwest and northwest areas should have turf added to reduce beds to a point 3-4 foot off existing Xanadu plants.
<u>Valley Stream Cr. Median #13</u>					No major issues observed.	
<u>Pebble Beach Blvd.</u> Median #14					No major issues observed.	
Median #15						
Median #16						
	X	X	X	20	At address 64: Recommend installing (3) Adonidia (Christmas palm) <del>double Alexander palms</del> , Add (1) to south side of light pole #8 and (2) to north side of light pole #8. Field grown B & B with double 10 ft. clear trunks. Align trunks with median. Will require (3) bubblers locations with (2) adjustable flood bubblers per tree.	Committee Approved: Yes, 5/16/19
Median #17		X	X	2	At address 116: Replacement Sabal palm has died and needs to be replaced under warranty.	
Median #18	X	X	X	35	At address 164: (1) Washingtonia removed.	Option 1: Consider removal of all remaining Washingtonia palms and replant with smaller palms (i.e. Foxtail, Alexander, Christmas palms) M&A: 6/12/18 hole filled and ready for replacement planting. M&A 5/7/19: Add (1) Adonidia <del>double Alexander palm</del> in removed Washingtonia palm location. <del>Remove the middle one of the south three existing Washingtonia palms to include stump and plant Alexander palm.</del> Field grown B & B with double 10 ft. clear trunks. Align trunks with median. Will require (1) <del>(2)</del> bubblers locations with (2) adjustable flood bubblers per tree. Committee Approved: Yes, 5/16/19 M&A 9/1/20: (4) Washingtonia palms @ address 167 remain in the median for possible removal. Includes one above. Deferred into October. M&A 01/5/21 Two Alexander palms installed one remaining after Washingtonia palm removal.
Median #19					No major issues observed.	

# McGee & Associates

Landscape Architecture

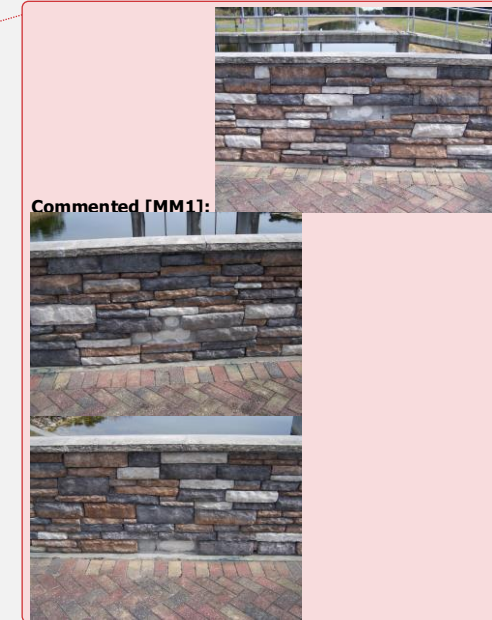
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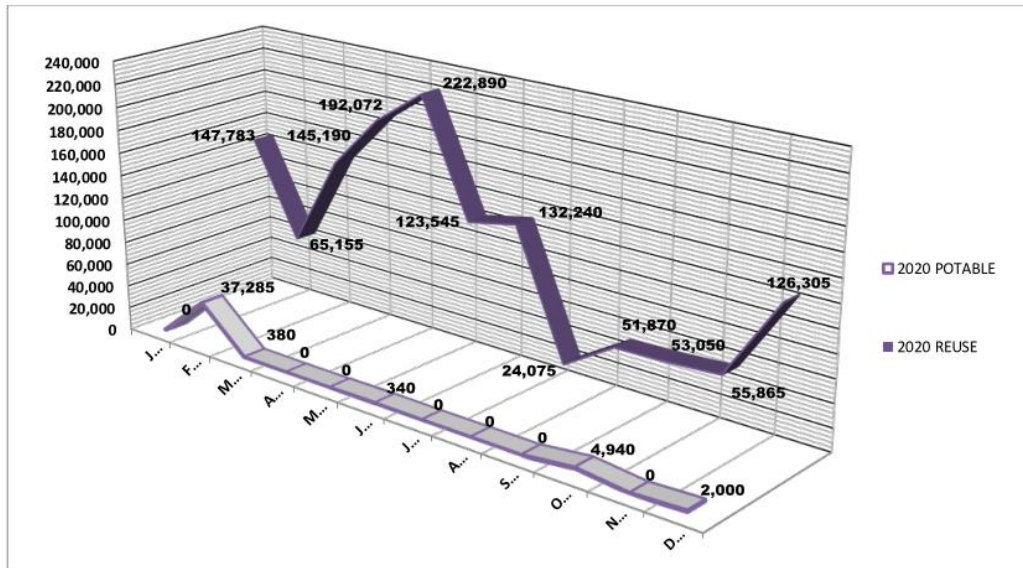
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Pebble Beach Blvd. Golf Cart Crossing					No major issues observed.	
Thorncrest Ln. cul-de-sac #20					Review all replacement palm bracing for removal it is recommended.	
Briarcliff Ln. Cu-de-sac #21					Review all replacement palm bracing for removal it is recommended.	
Heather Grove Ln. Cul-de-sac #22					No major issues observed.	
Baltusrol Signs		X	X	2	South sign: Two Plumbago shrubs have defoliated.	
Doral Cr. East R/W		X		14	The bridge wall on the roadside face along the east R/W has three locations where stone veneer is missing. (photo)	M&A: 3/3/20 two stones still missing on east wall
West R/W & Rattlesnake Hammock Rd.					No major issues observed.	
Median #23		X	X	2	Northernmost Jatropha tree was blown over and removed for new replacement plant.	
Median #24 Treasure Point Cul-de-sac					No major issues observed.	
Warren St. Pumping Station		X	X		Pump station area needs mulch.	
Valley Stream Cr. Irrigation					See water use schedule.	
Fertilization		X	X		See annual schedule.	



Lely Golf Estates Beautification MSTU Reuse Mixing Chamber Annual Water Use thru 12/20



Notes: 2014 Total Water Use: Reuse-2,336,976 gallons, Potable-0  
 2015 Total Water Use: Reuse - 1,795,449 gallons, Potable - 8,602 gallons  
 09/2016 Potable water meter readings not complete. 11/9/16 Meter cleaned and readable  
 2016 Total Water Use: Reuse 936,041 gallons, Potable 7,788 gallons.  
 2017 Total Water Use: Potable water amounts amended to corrected totals. Reuse 594,189 gal., Potable 981,815 gal.  
 2018 Total Water Use: Reuse 1,965,840 gallons, Potable 270,200 gallons  
 2019 Total Water Use: Reuse 1,618,748 gallons, Potable 27,680 gallons  
 2020 Total Water Use: Reuse 1,340,040 gallons, Potable 44,945 gallons

1/5/2021

DATE	REUSE PSI	POTABLE WATER METER READING (X 100)	POTABLE WATER USE GALLONS	REUSE WATER METER READING (X x 100)	REUSE WATER USE GALLONS	PUMP STATION METER READING (X100)	TOTAL WATER PUMPED	TOTAL WATER APPLIED
12/1/2020	90	28,570.40		10,275.45		150,028.93		-
12/7/2020	90	28,590.40	2,000.00	10,835.30	55,985.00	150,204.13	17,520.00	57,985.00
12/17/2020	95	28,590.40	-	11,064.35	22,905.00	150,411.13	38,220.00	22,905.00
12/22/2020	90	28,590.40	-	11,190.45	12,610.00	150,533.95	32,982.00	12,610.00
1/4/2021	98	28,590.40	-	11,538.50	34,805.00	150,862.32	45,119.00	34,805.00
<b>TOTALS:</b>			<b>2,000.00</b>		<b>126,305.00</b>		<b>133,841.00</b>	<b>128,305.00</b>
<b>PERCENTAGE OF TOTAL VOLUME USED</b>			<b>1.6%</b>		<b>98.4%</b>		<b>100.0%</b>	
2/20/20 Broken main line and new meter installed. Count started at zero.								

DATE	POTABLE WATER METER READING (X 1)	POTABLE WATER USE GALLONS
12/1/2020	145540.08	
12/7/2020	146520.01	980
12/17/2020	146520.01	0
12/22/2020	146520.01	0
1/4/2021	146520.01	0
<b>TOTALS:</b>		<b>980</b>