

McGee & Associates

Landscape Architecture

Project: GOLDEN GATE BEAUTIFICATION, M.S.T.U. **Location:** Collier Blvd. Part A & B
Project Manager: Collier County Public Services Division, Public Transportation & Neighborhood Enhancements Department.
Consultant: McGee & Associates **Consultant's Representative:** Michael A. McGee, rla, isa
Contractor: Hannula Landscaping & Irrigation Inc. **Contractor's Representative:** Dale Hannula
Report Period: FY 16-17, June 2017 **Report No.:** Eight

AC - Indicates major items recommended to be discussed by Advisory Committee, **S** - Indicates items recommended to be addressed by staff, **C** - Indicates items recommended to be addressed by Contractor

This report is prepared strictly to provide recommendations only and in no manner is to imply any authorization to the Contractor or its Sub-Contractors to perform services for Collier County.

Contractor is requested to address items as soon as possible and indicate in **RESPONSE/COMMENTS** column when and which items are corrected.

Please return electronic copy to our office prior to next month's MSTU site review and meeting.

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	MAINTENANCE SERVICES OBSERVATIONS & RECOMMENDATIONS	RESPONSE or COMMENTS
Observation dates: 6/09-12/17					MONTHLY ADDRESSED	
Median# 66, 67 & 68			X	5	Magnolia trees need to have the dead branches removed and then the trees need to have an organic soil top dress added around the root zone (2 to 3 inch depth) and additional 12-4-8 fertilizer applied at a rate of 1 pound of fertilizer per inch of trunk caliper.	
Median# 66 - 74			X	14	Planting beds could use top dressing of mulch.	M&A: 5/10/16 Bare ground is present along perimeter of many planting beds.
Part "A" - West R/W Sign Area			X	36	Recommend removing Crown of thorn and mulch area.	
Median #66 (M.P. #3)			X	29	Recommend removing Thryallis shrubs and install Sand Cordgrass.	
Median #67 (M.P. #4)			X	7	One Maple tree located about the middle of the median has declined and needs to be removed. (photo)	M&A: 2/14/17 Tree removed and location staked.
			X	13	Juniper plants on the north end have brown and/or dead foliage from previous insect and/or fungal disease and it needs to be pruned out. (photo)	
			X	31	Recommend removing two remaining beds of Red Fountain grass and replant areas with Silver Saw palmetto's.	
Median #68 (M.P. #5)			X	4	Dead Sabal needs to be removed. (photo)	M&A: 2/14/17 Tree removed and location staked.
			X	6	Remove existing stump of removed tree located on north south side of first Sabal palm group. (photo)	M&A: 2/14/17 Tree removed and location staked.
			X	10	North end east side auto accident in Big Rose Crown of thorn (10-15) damaged	
			X	12	Juniper plants on the south end have brown and/or dead foliage from previous insect and/or fungal disease and it needs to be pruned out. (photo)	
			X	16	Review Big Rose crown of thorn on north end for snail activity and/or auto damage.	

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



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			X	35	Prune back the deadwood within the Magnolia at the northernmost end. (photo)	M&A: Review Magnolia tree appears to be declined enough for removal. M&A: 10/7/16 Tree cut down. M&A: 11-5-16 Tree stump needs to be removed and replacement considered. M&A: 2/14/17 Tree removed and location staked.
Median #69 (M.P. #6) – Paved separator						
Part “B” - Median# 70 - 74			X	4	Sabal palms could use pruning.	
			X	13	Planting beds could use mulch. Bare ground is present along perimeter of many planting beds.	
Median #70 (M.P. #7)			X	36	Juniper bed on south end of median contains dead plants and brown foliage. Remove both and provide count for replacements.	
Median #71 (M.P. #8)			X	37	Juniper bed on south end of median contains dead plants and brown foliage. Remove both and provide count for replacements.	
			X	40	Plant replacements are needed in multiple areas.	Hannula 12/20/13: An estimate cannot be submitted without knowing the recommended species for replacement and a plant count. M&A 1-15-14: Please call our office to schedule an on-site meeting to review median.
Median #72 (M.P. #9)			X	46	Review Juniper on north and south end for replacements due to auto damaged.	Hannula 12/20/13: Plant count is needed by next drive through
Median #73 (M.P. #10)			X	41	Review south end Juniper bed for replacements.	
			X	40	Turf areas need to be reviewed for dead areas that need to be replaced.	Provide proposal with square footages per median.
Median #74 (M.P. #11)			X	11	On north end one of two Slash pines is declining and removal is recommended.	M&A: Recommend replacement with Floss Silk tree.
			X	13	Median turf areas have dead spots from previous water stressed.	
			X	36	Remove dead Indian hawthorn plants and replace. (8) 3 gal. size.	
			X	40	Turf areas need to be reviewed for dead areas that need to be replaced.	Provide proposal with square footages per median.
West R/W			X	15	Tree branches are below ten feet over sidewalks.	
Irrigation:			X		Water use level would be within acceptable amounts for the time of year.	
Part A Pump Station- Median #4, 5 hp , 6” well, VFD, Motorola Scorpio controller S3406, Electric meter on west R/W at pump station						
Part B Pump Station-Median #11, 7.5 hp , 6” well, VFD, Motorola Scorpio controller S3405 & S3408, Electric Meter West R/W adjacent to Median #9 Address #12225						
<u>QUARTERLY ADDRESSED</u>						
Part “A” - West R/W Sign Area						
Part “A” Medians #3 thru 5		X	X	40	These medians need to have renovation plantings. The future roadway construction appears to be more than 10 years out.	Hannula 12/20/13: An estimate cannot be submitted without knowing the recommended species for replacement and a plant count, Area(s) must be white lined during drive-through upon acceptance of estimate. M&A 1-15-14: Please



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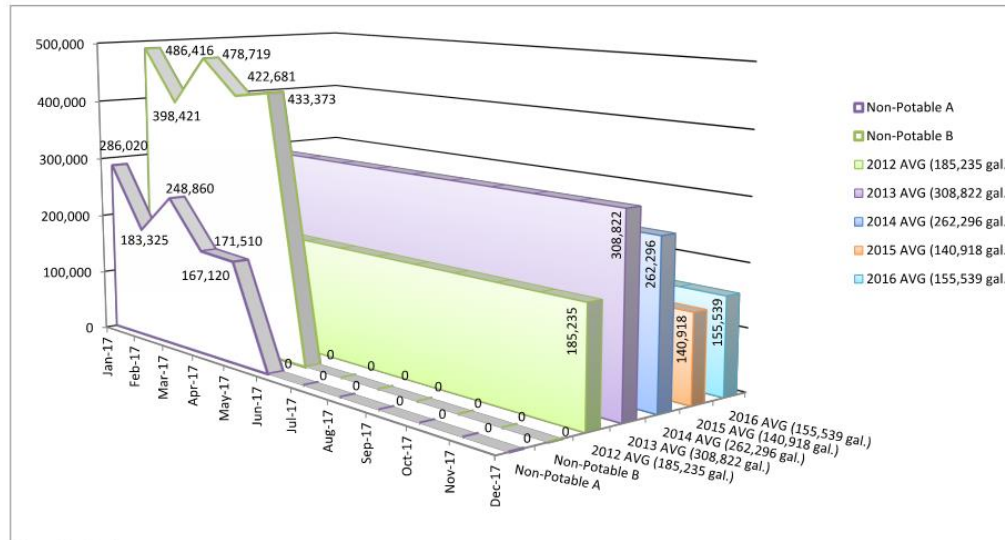
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						call our office to schedule an on-site meeting to review medians.
Part "B" - West R/W Areas						
Part "B" Medians #7 thru 11			X	20	Multiple medians and multiple beds need plant replacements.	

GG MSTU Collier Blvd. Part A & B, Well Annual Water Use for 2017
(Meter Data not Accurate due to Meters Malfunctioning)



Water Use Goal:

(Original Part A = 1.63 ac. of plants, Part B = 2.74 ac. of plants and turf, Revised Part B = 1.86, New Total Irrigated Area = 3.49 ac.)

Recommended: Supplemental watering rate of .5 to .75 inch per week.

Three-quarter inch per week equals 71,076 gallons per week or 284,305 gallons per month.

Combined 2012 total water use: 2,222,816 gallons or 18.73 inches of supplemental water pumped.

Combined 2013 total water use: 3,705,865 gallons or 31.23 inches of supplemental water pumped.

2014 Part B well & pump station relocated on 7/24/14. New well active 09/2014

Combined 2014 total water use: 3,147,554 gallons or 26.26 inches of supplemental water pumped.

Combined 2015 total water use: 1,691,015 gallons or 5.95 inches of supplemental water pumped, data not fully accurate, meter malfunctions A & B

Combined 2016 total water use: 1,866,471 gallons or 26.26 95 inches of supplemental water pumped, data not fully accurate, meter malfunctions A & B

6/12/17