

McGee & Associates

Landscape Architecture

Project: GOLDEN GATE BEAUTIFICATION, M.S.T.U.
Project Manager: Harry Sells, MSTU Project Manager, C.C.P.S.D. – P.T.N.E. Dept.
Consultant: McGee & Associates
Contractor: Hannula Landscaping & Irrigation Inc.
Report Period: FY 14-15, August 2015

Location: Collier Blvd. Part A & B
Consultant's Representative: Michael A. McGee, rla, isa
Contractor's Representative: Dale Hannula
Report No.: Eleven – FY 14-15

S - Indicates items to be addressed by staff.

C - Indicates items 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.

| <u>LOCATION/WORK AREA</u> | <u>S</u> | <u>C</u> | <u>R</u> | <u>MAINTENANCE SERVICES OBSERVATIONS & RECOMMENDATIONS</u> | <u>RESPONSE or COMMENTS</u> |
|--------------------------------------|----------|----------|----------|--|---|
| Observation dates: 08/10-13/15 | | | | MONTHLY ADDRESSED | |
| Median# 8 - 12 | | | | | |
| Part "A" - West R/W Sign Area | | X | 17 | Recommend removing Crown of thorn and mulch area. | |
| Median #3 | | X | 2 | Check irrigation heads on north end of median tip. Area has tire tracks within planting bed. | |
| | | X | 10 | Recommend removing Thryallis shrubs and install Sand Cordgrass. | |
| Median #4 | | X | 10 | Recommend removing two remaining beds of Red Fountain grass and replant areas with Silver Saw palmetto's. | |
| Median #5 | | X | 3 | Review and treat Big Rose Crown of thorn for snails. Review for replacement plantings. | |
| | | X | 15 | Prune back the deadwood within the Magnolia at the northernmost end. | |
| Median #6 – Paved separator | | | | | |
| Part "B" - Median #7 | | X | 15 | Juniper bed on south end of median contains dead plants and brown foliage. Remove both and provide count for replacements. | |
| Median #8 | | X | 15 | Juniper bed on south end of median contains dead plants and brown foliage. Remove both and provide count for replacements. | |
| | | X | 19 | 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 #9 | | X | 25 | 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 #10 | | X | 20 | Review south end Juniper bed for replacements. | |
| | | X | 19 | Turf areas need to be reviewed for dead areas that need to be replaced. | Provide proposal with square footages per median. |

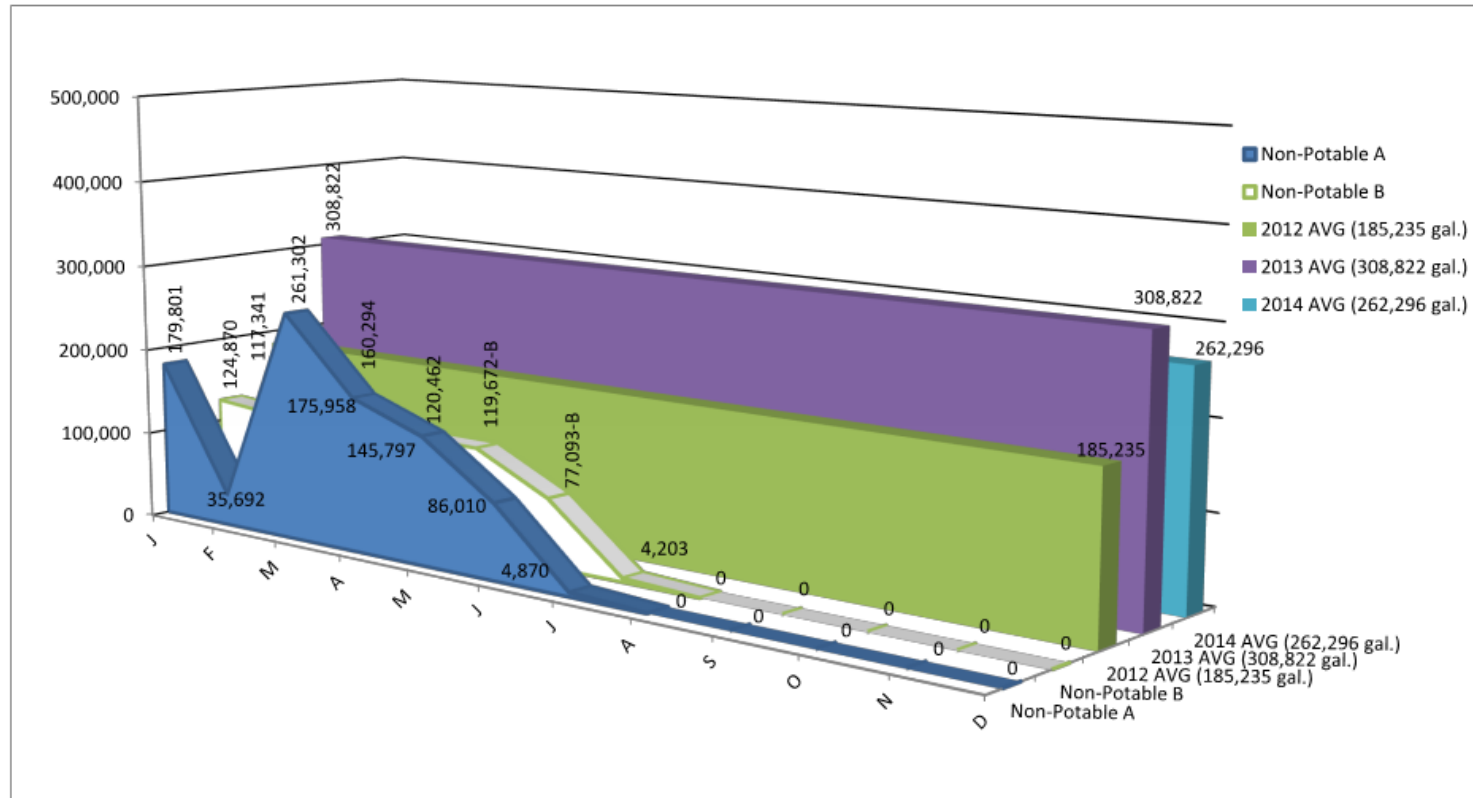
Design * Environmental Management * Planning * Arborist

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|---|----------|----------|----------|--|--|
| Median #11 | | X | 15 | Remove dead Indian hawthorn plants and replace. (8) 3 gal. size. | |
| | | X | 18 | Turf areas need to be reviewed for dead areas that need to be replaced. | Provide proposal with square footages per median. |
| West R/W | | | | | |
| Irrigation: | | X | | Based upon the water use meter readings being so low we are concerned the meters may not be recording correctly. Recommend a check be performed. | |
| | X | X | 9 | The water use for December was extremely high for Part A and a little high for Part B considering the medians have been reduced in numbers. Review system and controller for issues. If the Bermad pulse counters are working, then request from the County Irrigation Project Manager to set the maximum flow per week at 25,000 gallons for Part A and 55,000 gallons for Part B at which time an alarm will be sent to Hannula Landscaping. | M&A: 4/15/15 Please update status. M&A: 8/13/15 Based upon our current understanding of the County's Irrigation Central Control System upgrades and reprogramming we recommend this request be put on hold. Comment will be removed from future reports. |
| Part A Pump Station- Median #4, 5 hp , 6" well, VFD | X | X | 13 | It is recommended to replace existing Bermad Hydro-meter with an upgraded model. The existing Bermad flow meter readings are becoming unreadable do to the frosting of the plastic cover. | |
| Motorola Scorpio controller S3406 | | | | | |
| Electric meter on west R/W at pump station, G Irrigation 951A | | | | | |
| Part B Pump Station-Median #11, 7.5 hp , 6" well, VFD | | | | | |
| Electric Meter West R/W adjacent to Median #9 Address 12225 | | | | | |
| Motorola Scorpio controller S3405 & S3408 | | | | | |
| <u>QUARTERLY ADDRESSED</u> | | | | | |
| Part "A" - West R/W Sign Area | | | | | |
| Part "A" Medians #3 thru 5 | X | X | 20 | 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 call our office to schedule an on-site meeting to review medians. |
| Part "B" - West R/W Areas | | X | 3 | Review all canopy type tree locations adjacent to the sidewalks for the canopies being less than ten feet above the sidewalk. | |
| Part "B" Medians #7 thru 11 | | | | | |

| LOCATION/WORK AREA | S | C | R | MAINTENANCE SERVICES OBSERVATIONS & RECOMMENDATIONS | RESPONSE or COMMENTS |
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GG MSTU Collier Blvd. Part A & B, Well Annual Water Use for 2015



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.

8/1/2015