







### BRUCE HOWARD & ASSOCIATES, INC.

Landscape Architects, &ite Planners & Golf Course Designers







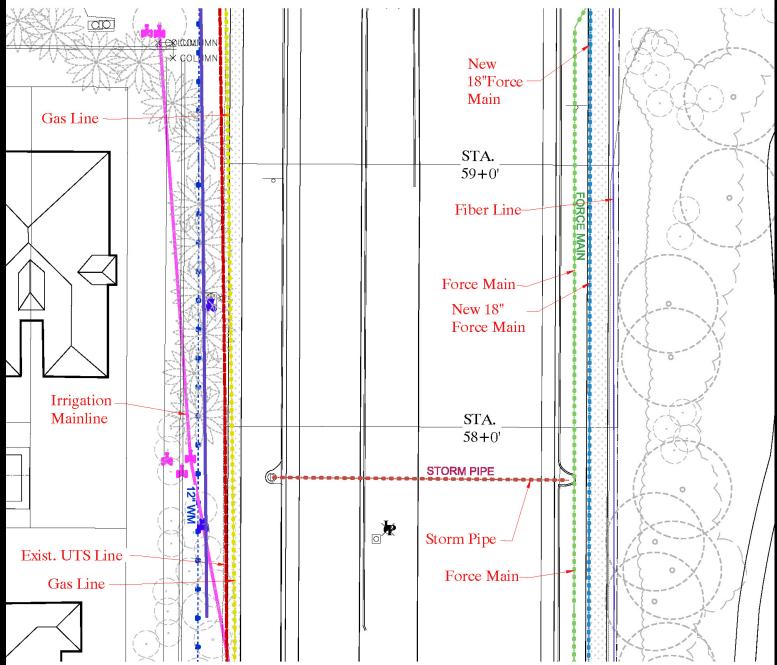
# Ben Hill Griffin PARKWAY Village of Estero

Landscape Site Analysis and Conceptual Planting Design

# Project Scope



### Existing Utilities that Prevent Planting Large Trees/Palms



### Existing View of Road - Northern Section Looking South



Most median plantings in poor condition and should be replaced. Along the sides there is only grass between the sidewalk and back of curb.

### Existing View of Road – Tidewater Key Blvd. – View North on East Side



### Existing View of Road – Tidewater Looking South



Build upon quality of planting established by Tidewater and Grandezza communities.

### Existing View of Road – Everblades Parkway Looking South



Many of the medians have no planting.

### Existing View of Road - Everblades Pkwy/Grandezza Looking North



### Existing View of Road - Shoppes at University Highlands Looking South (Royal Palms to Remain in Median)



Existing median palms of sufficient quality can remain. Will require under plantings.

### Existing View of Road - Miromar Outlets Looking South



Nice area of existing pine flatwoods which road plantings can build off of.

### Existing View of Road - Miromar Outlets & Grand Shops Intersection



With the amount of turning movements of traffic at this intersection, we will be limited to low ground cover only due to sight line triangles.

### Existing View of Road - Corkscrew & Ben Hill Intersection Looking North



### **Summation of Analysis**

- -Utilities and sight lines will limit landscaping with large trees/palms
- -Section of uncurbed medians require trees to be further back from edge of road
- -Replace median landscaping except for quality palms and healthy native shrubs
- -Build upon/enhance adjacent landscaping
- -Existing irrigation to be expanded
- -Constraints will not allow Estero Parkway level of planting, but will still be of similar quality



Example photo from Coconut Road.

# <u> Conceptual Plant Palette – Types of Trees That Can Be Used</u>

Green and Silver Buttonwood



Pink Tabebuia







Holly

Dombeya



Wax Myrtle

White Geiger



# Examples of Palm Options



### Thrinax Palm





# Silver Saw Palmetto



### Royal Palm

### King Alexander Palm





**String Lily** 

**Dwarf Porterweed** 

Red-tip and Horizontal Cocoplum 17

### **Other Shrub/Ground Cover Options**

### Bougainvilla



**Green Island Ficus** 

Carissa Emerald Blanket



Frog Fruit

Variegated Asiatic Jasmine

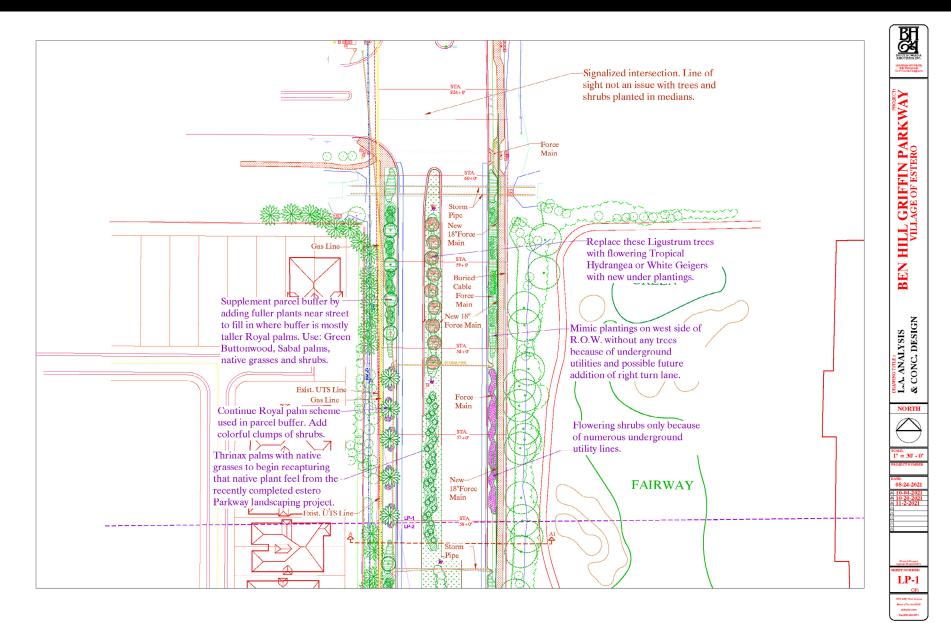
Wart Fern

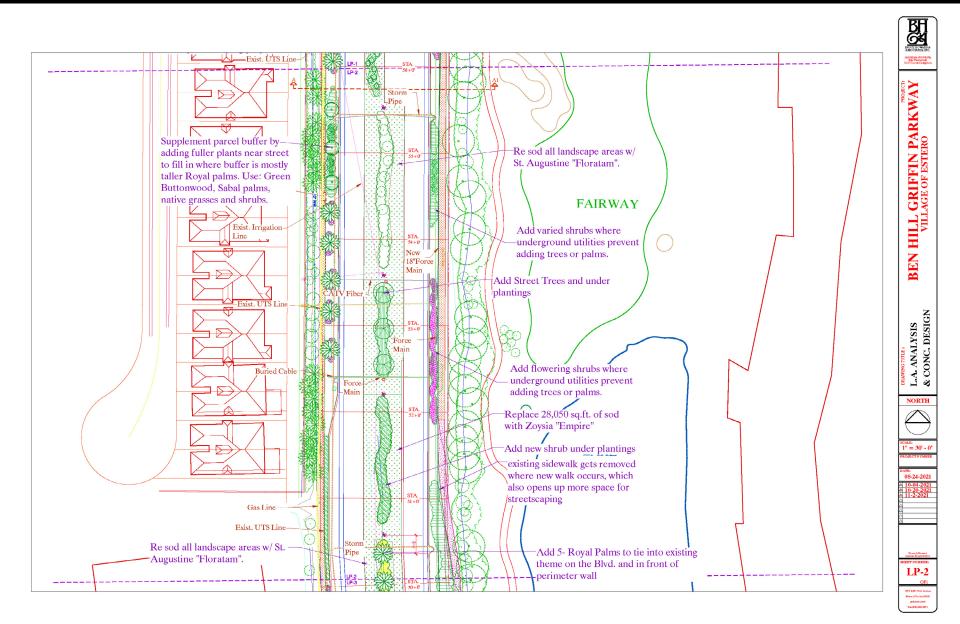


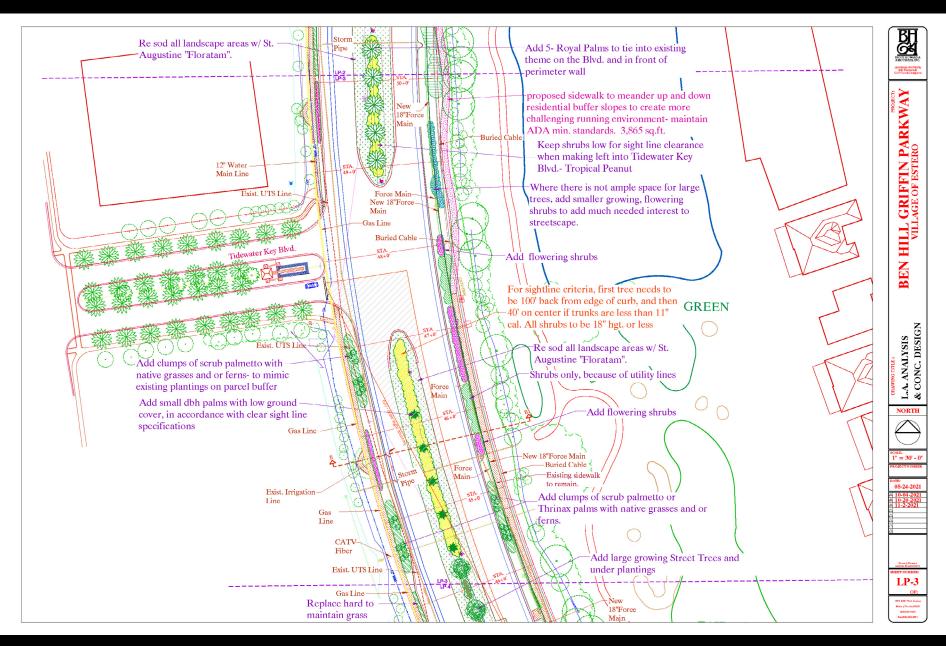
**Perennial Peanut** 

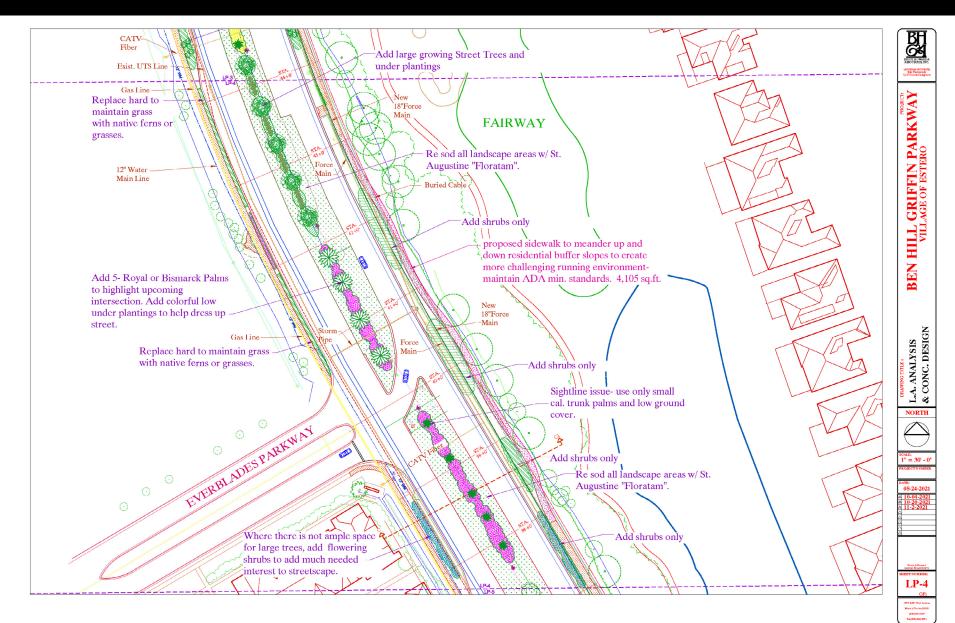


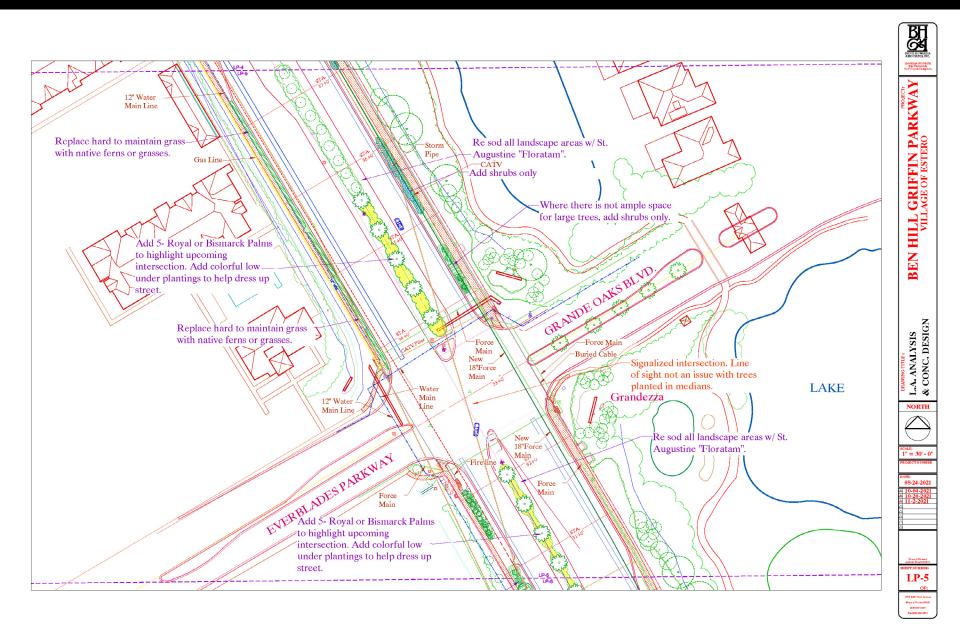
Variegated Dwarf Scheflera



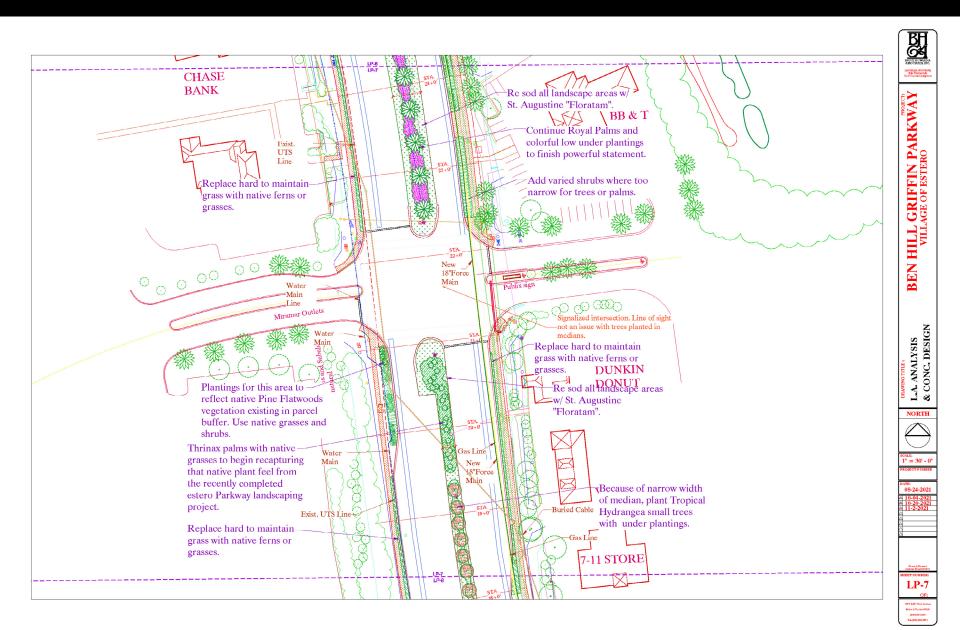


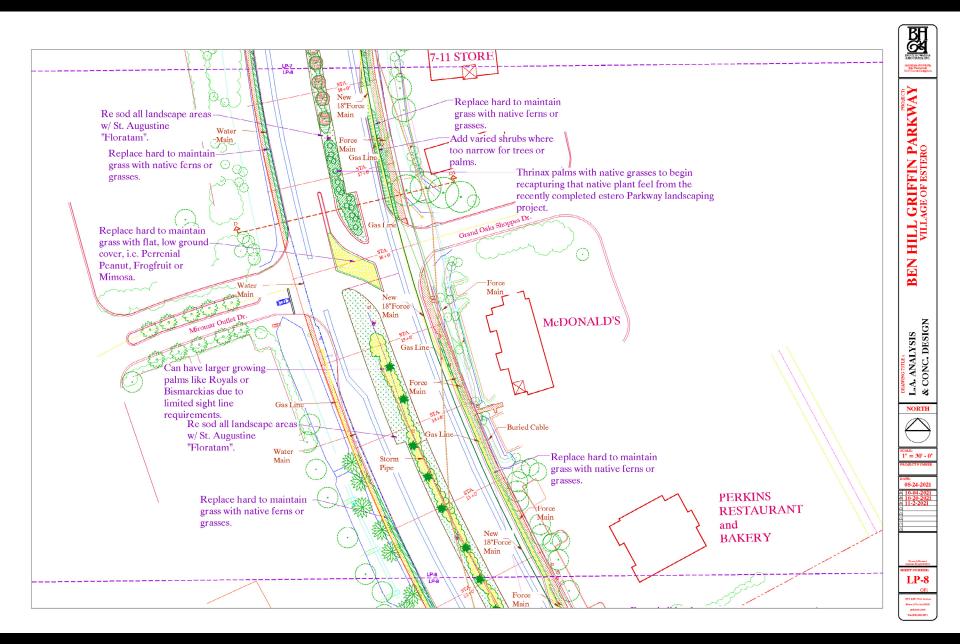


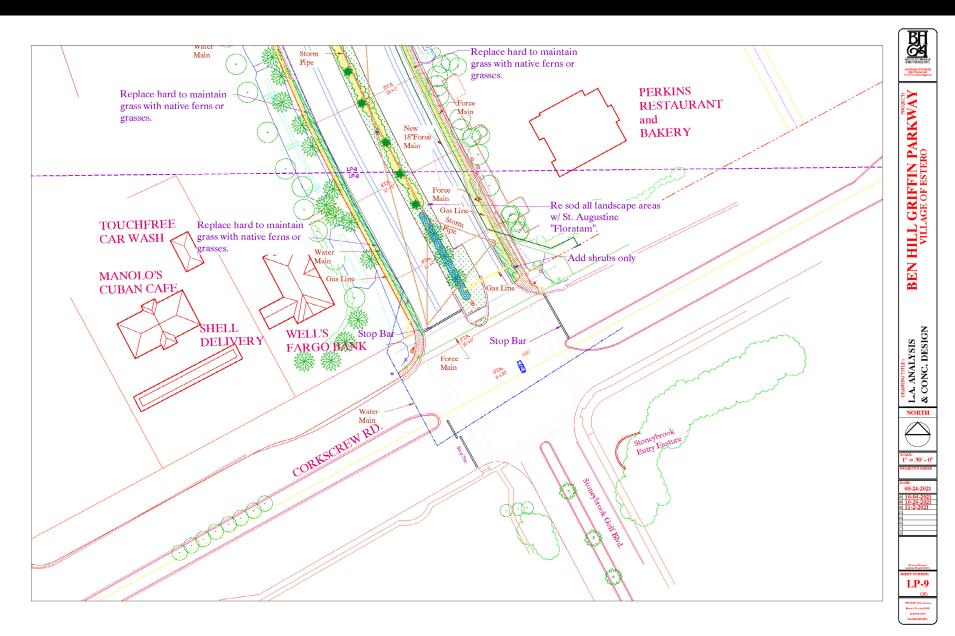








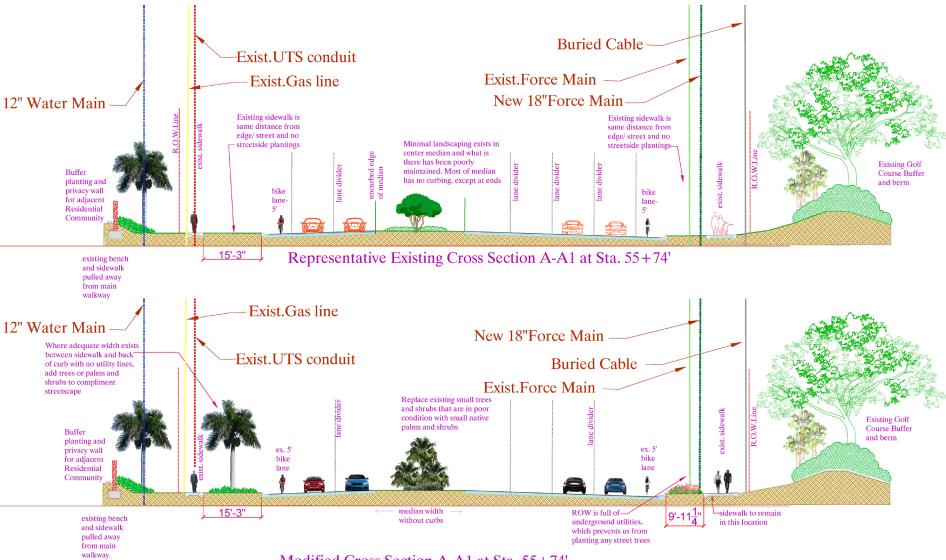




# Areas of Roadway where Cross Sections were taken

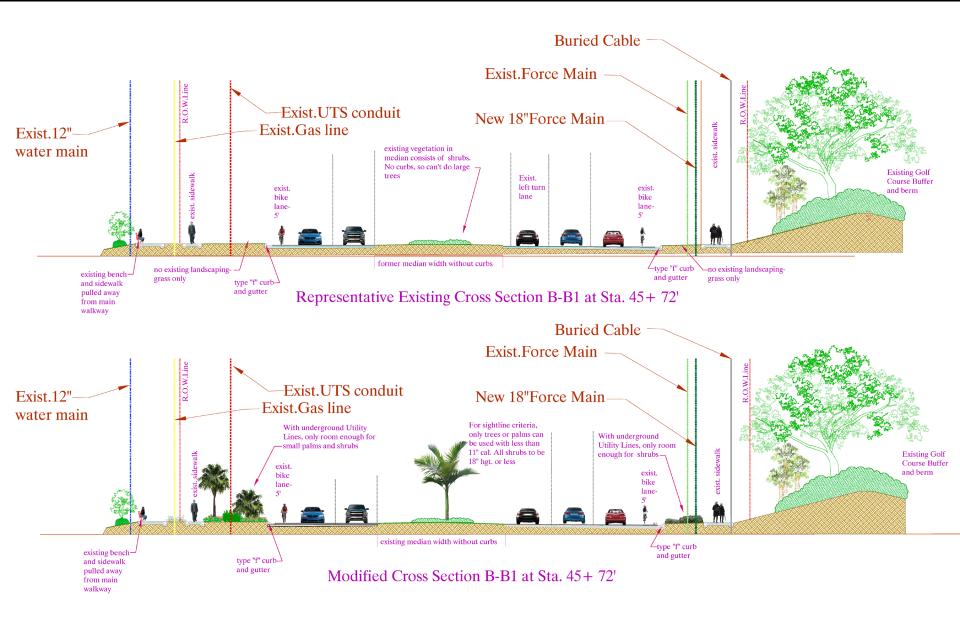


### Existing and Proposed Cross Section through R.O.W. @ Station 55+74

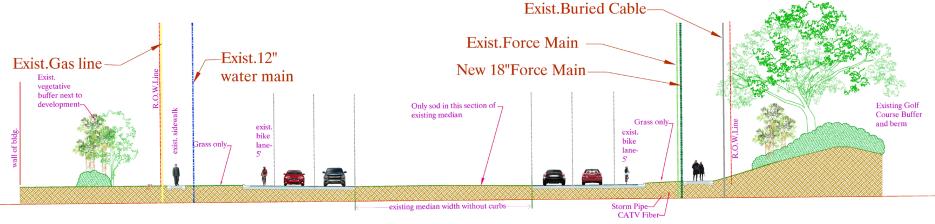


Modified Cross Section A-A1 at Sta. 55+74'

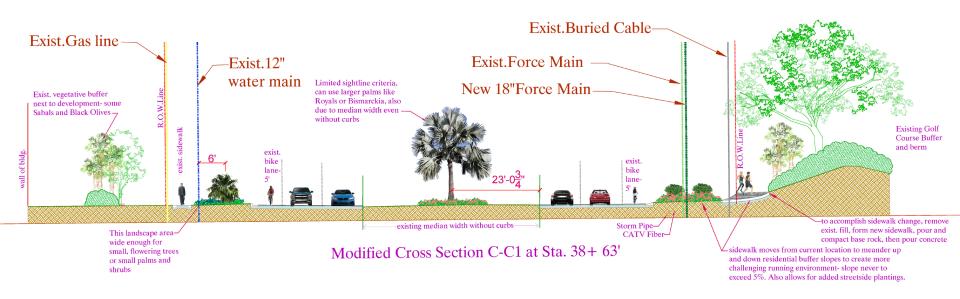
### Existing and Proposed Cross Section through R.O.W. @ Station 45+72



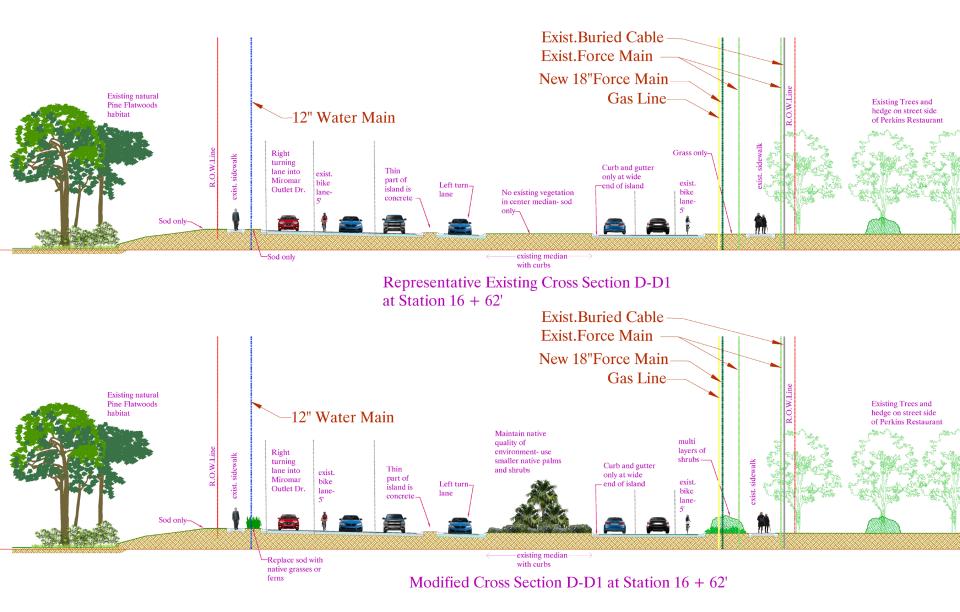
### Existing and Proposed Cross Section through R.O.W. @ Station 38+63



Representative Existing Cross Section C-C1 at Sta. 38+ 63'



### Existing and Proposed Cross Section through R.O.W. @ Station 16+62





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