

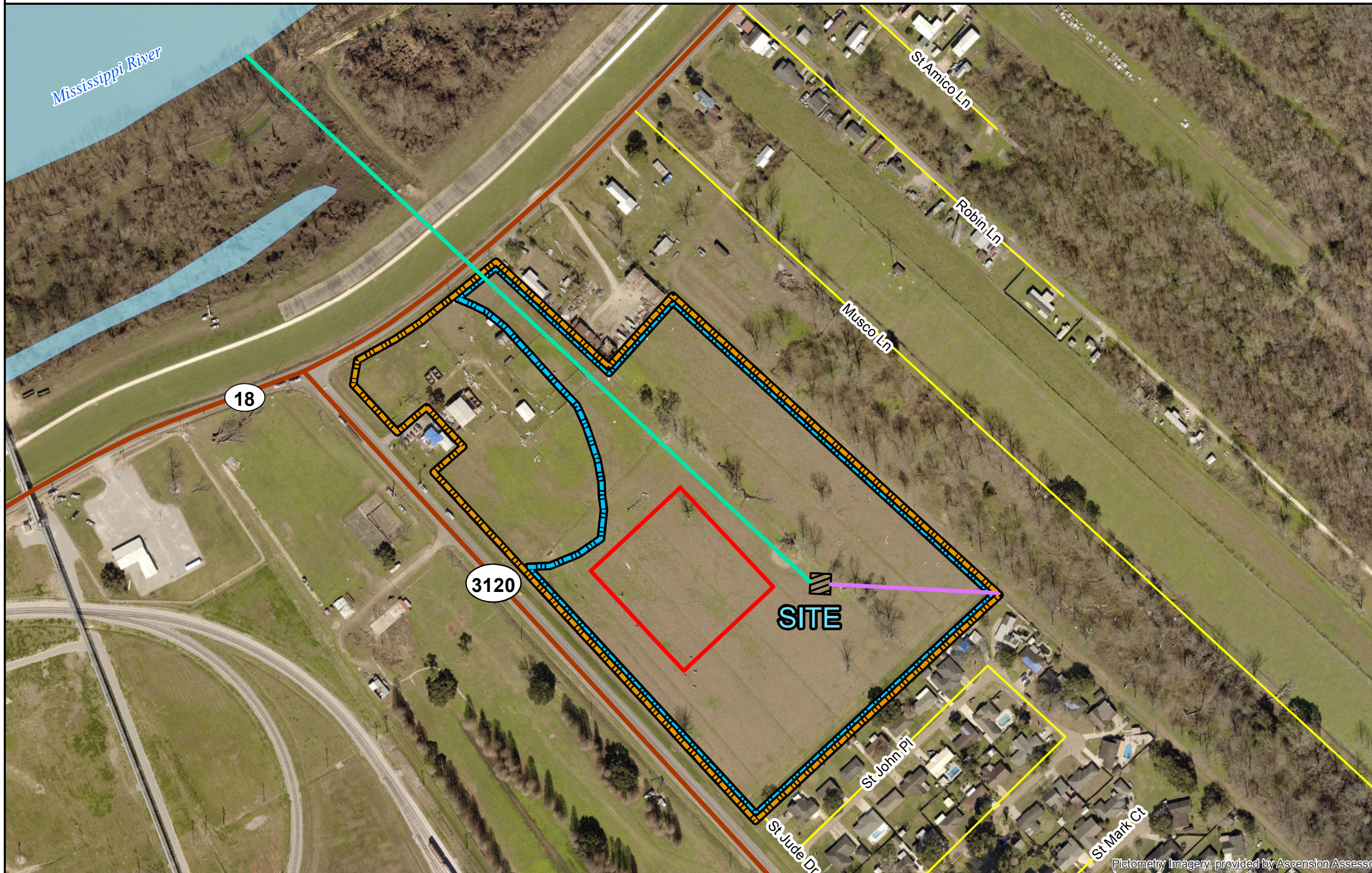
Exhibit G. Foti - Highway 18 Wastewater Infrastructure Map &  
Upgrade Letter



# Foti - Highway 18 Wastewater Infrastructure Map



Document Path: R:\DWG\16-000\16-392\Foti Sites\Site Foti - Hwy 18\Maps\Program Application Exhibits\Exhibit G - Wastewater Infrastructure Map.mxd



### LEGEND

- Foti - Highway 18 (± 22.70 Ac.)
- LED Certified Site Area (± 17.73 Ac.)
- Sample 100,000 SF Site Pad
- Wastewater Treatment Option**
- Drainage Canal Discharge Option
- MS River Discharge Option
- Sample Wastewater Treatment Plant
- Existing Roadway**
- Highway
- Local Road
- Water Bodies



SITE NAME: Foti - Highway 18

Drawn By: CDS

Checked By: GJB

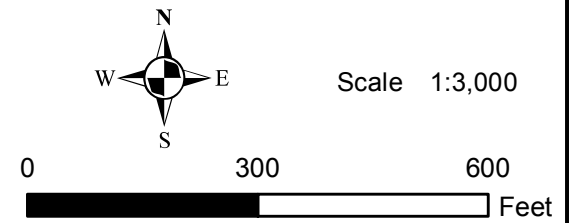
Date: 7/24/2018

**General Notes:**

1. The information presented herein was obtained from various resources and should be considered preliminary.
2. No attempt has been made by Duplantis Design Group, PC to verify site boundary, title, actual legal ownership, deed restrictions, servitudes, easements, or other burdens on the property.
3. Proposed wastewater upgrade shown is for representational purposes only, depicting the intent of the cost estimate provided with this exhibit to meet LED minimum requirements, and is subject to revision.

**References:**

1. 2017 Aerial imagery from Ascension Parish Assessors website
2. Site boundary from Landsource, Inc.
3. Transportation data from U.S. Census Bureau



8352 Bluebonnet Blvd.  
Baton Rouge, LA 70810  
Phone: 225-751-4490  
www.ddgpc.com

Pictometry Imagery, provided by Ascension Assessor



July 23, 2018

Mr. Russell Richardson  
Baton Rouge Area Chamber  
451 Florida St., Suite 1050  
Baton Rouge, LA 70801

RE: +/- 22.703 Acre Foti – Highway 18 Wastewater System Cost Estimate  
Ascension Parish  
DDG Project # 16-392

Dear Mr. Richardson,

There is currently no existing public wastewater infrastructure present at the Foti – Highway 18 site. In order to meet the business site certification requirement of 50,000 GPD, an on-site sewer treatment plant and lift station would be required.

After on-site treatment, treated wastewater can then be discharged via a wastewater line installed from the on-site sewer treatment plant into an existing drainage canal just southeast of the site. This existing drainage canal eventually discharges into Bayou Verret. The expected discharge limits of Biological Oxygen Demand (BOD) and Total Suspended Solids (TSS) is 10 ppm and 15 ppm respectively. The construction cost of a 50,000 GPD on-site sewer treatment plant and lift station is estimated to be \$200,000. Reference Exhibit G. Foti – Highway 18 Wastewater Infrastructure Map for potential discharge routing and a sample location of the sewer treatment plant.

An alternative method of wastewater treatment would be necessary if industrial waste is to be discharged. A wastewater facility would need to be constructed that is designed to discharge into the Mississippi River. As part of this discharge option, the wastewater line would need to cross LA Hwy. 18 and the Mississippi River levee. Also, right-of-way across the Mississippi River batture area would need to be acquired for the construction of the wastewater line. The exact Mississippi River effluent limitations would be dependent upon the proposed industrial user and the wastewater stream generated. The cost of this treatment and discharge alternative would vary greatly and be dependent on the end user. An estimated cost range for this option is between \$500,000 and \$2,500,000.

Please note that these estimates do not include engineering fees, environmental impacts, permitting fees, and operation/maintenance costs. These cost estimates were prepared with the best information available at the time of certification. Based on engineering judgment, both treatment and discharge options can be permitted and constructed within +/- 8 months.

Please feel free to contact me if you have any questions or need any additional information.

Sincerely,  
Duplantis Design Group, PC

Greg Bloss, PE  
DUPLANTIS DESIGN GROUP, PC