

**St. Charles Parish Drainage Improvements**  
**SCG Project #: 017-18-01**

**Existing Conditions**

The project as understood by Stuart Consulting Group (SCG) consist of 2 individual sites in St. Charles Parish (Owner) discussed below.

Site 1 – Ormond Center. An existing thirty (30) foot drainage servitude that is located under a portion of the Ormond Center’s Parking Lot. Within the drainage servitude is one (1) or two (2) sixty inch (60”) corrugated metal pipe(s) (CMP) or culvert(s) that connect the upstream side of McCutcheon Canal to the downstream side flowing under Highway 61.

Site 2 - Cypress Lakes South Weir. The weir is a water control structure that is used to maintain a specific water lever in the Cypress Lakes at the Ormond Country Club. The weir allows significant rain events rain events to flow over the top into one (1) sixty inch (60”) reinforced concrete pipe (RCP) that then is split into two pipes. Both of these pipes (a twelve inch (12”) RCP and a sixty inch (60”) RCP) flow across Ormond Blvd and then into two (2) sixty inch (60”) reinforced concrete arch pipe (RCP-A) before discharging into the downstream open channel adjacent to the Ormond Place apartment complex.

**Scope of Work**

The scope of work has been broken into two (2) phases described below for each site listed above.

**Phase 1 – CCTV Investigation**

A. Site 1 and 2

1. Inspection of culverts that flow out of the Cypress Lake weir and the Ormond Center.
  - a. It is our understanding that Owner will clean the culverts at both site in order to perform the CCTV investigation.
  - b. It is anticipated that a coffer dam and bypass pumping will be required in order to clean the culverts.
  - c. The cost provided is for only a full line inspection. It does not include installation of a coffer dam or bypass pumping operations required to perform the inspection.
    - i. If not provided by Owner, coffer dam can be provided. Estimated unit price for Cofferdam installation for both sites is included in the fee schedule section of this proposal.
    - ii. If not provided by Owner, bypass pumping operations will be provided. Estimated unit price for bypass pumping for both sites is included in the fee schedule section of this proposal.

**Phase 2 – Preliminary Design Report**

- A. Based on the findings of the existing culverts’ structural conditions, SCG will recommend:
  1. Options for maintenance of the culverts.

2. Options for capital improvements of the culverts.
- B. Preliminary Design Report will include:
1. Recommended options for maintenance of the culverts, if applicable.
  2. Recommended capital improvements, if applicable.
  3. Any data, reports and/or videos generated by the CCTV investigation
  4. An engineer's estimated of probable cost associated with the recommendations provided within.

## **Project Schedule**

### **Phase 1 - CCTV Inspection**

#### A. Site 1 and 2

1. Inspection report within thirty (30) days after the receipt of Notice to Proceed for Phase 1.

### **Phase 2 – Preliminary Design Report**

1. SCG shall provide a completed report for Owner's review within thirty (30) days after receipt of final CCTV inspection reports.

## **Fee Proposal and Hourly Rate Schedule**

### **Phase 1 – CCTV Investigation**

A. Estimated Project total for Phase 1 is **\$7,500.00**

B. If required, additional cost for Phase 1 include:

#### 1. Cofferd Dam

a. Unit price per each for Cofferd Dam installation and removal:

1. Site 1: **\$36,120.00**

2. Site 2: **\$19,620.00**

#### 2. Bypass Pumping Operations

a. Estimated unit price per day for bypass pumping operations:

1. Site 1: **\$4,250.00 x 2 days**

a. Unit price for bypass pumping operations includes mobilization, setup, operation, teardown and demobilization of 12" bypass pump, suction hoses and discharge hoses.

2. Site 2: **\$2,000.00 x 2 days**

a. Unit price for bypass pumping operations includes mobilization, setup, operation, teardown and demobilization of 6" bypass pump, suction hoses and discharge hoses.

### **Phase 2 – Preliminary Design Report**

A. Engineer shall be compensated for Basic Services with a lump sum fee of Thirty-Three Thousand Seven Hundred and Sixty Dollars (**\$33,760.00**)

### **Total Estimated Fee**

A. The total estimated fee for Phase 1 and 2, is Forty-One Thousand Two Hundred Sixty Dollars (**\$41,260.00**)

B. If required, total additional cost for Phase 1 is Sixty-Eight Thousand Two Hundred Forty Dollars (**\$68,240.00**)

## **Attachments**

- CCTV Proposal for full line CCTV investigation (CES)
- Figure 1
- Figure 2
- SCG Fee Schedule



May 23, 2019

Gene Robinson, Jr.  
Stuart Consulting Group, Inc. (Herein Referred to as the Engineer)  
1018 Central Ave., Suite 200  
Metairie, LA 70001  
T: 504.888.5733  
[gener@stuartconsultinggroup.com](mailto:gener@stuartconsultinggroup.com)

**RE: Proposed Fees for Storm Drain Evaluation Services in St. Charles Parish, LA**

Mr. Robinson:

In response to your request, Compliance EnviroSystems, LLC (CES) is pleased to provide you with this proposal for professional services on the project referenced above.

The following sections are provided for your review:

1. Scope of Work
2. Fee Schedule
3. Deliverables
4. CES Standard Special Provisions
5. Notice to Proceed

Please review this document carefully. If you are in agreement, please sign where indicated and return by e-mail to [jgraham@ces-ses.com](mailto:jgraham@ces-ses.com). Upon receipt of your approval, our Operations Manager will schedule your project.

Thank you for the opportunity to submit this proposal. If selected, CES will provide our services at the highest professional level.

If you have any questions, please feel free to contact me by phone **985.502.5667** or e-mail at any time.

**SOUND DATA. SOLID CONCLUSIONS.**



## SCOPE OF WORK

The scope of work for this project involves the CCTV inspection of approximately 750 LF of 60” storm drain pipe that flows out of the Cypress Lake weir and the CCTV inspection of approximately 650 LF of 60” storm drain pipe at Ormond Center in St. Charles Parish, LA (herein referred to as the Owner).

## FEE SCHEDULE

Item No.	Description	Quantity	Unit	Unit Price	Extended Price
1	CCTV Inspection Unit with Operator & Helper	2	DAY	\$3,750.00	\$7,500.00
<b>Estimated Project Total: \$7,500.00</b>					

**\*\* The above rate is an hourly port-to-port rate, meaning the clock starts when CES trucks leave the staging yard and the clock stops when CES trucks return to the staging yard. After taking into consideration the information provided by the Engineer, CES estimates the work at 2 days to complete. Please keep in mind, as with all subsurface projects, it is impossible to predict the conditions underground. With that said, the project duration could be substantially less or much longer than the time estimated to complete the project.**

## DELIVERABLES

The standard electronic deliverable (all inspection videos, photographs a database including coding information and inspection reports) will be submitted on an external USB hard drive.

### ELECTRONIC DELIVERABLE CONTAINS:

- Pipeline Assessment Certification Program (PACP) database with CCTV inspection videos (PACP Coded)
- PACP pipe rating index & PACP coding information
- Inspection reports in .PDF format and organized by line segment

## STANDARD SPECIAL PROVISIONS

- The quantities shown in fee schedule are estimates only. Actual quantities collected during field operations will be applied to the fee schedule in order to determine final costs.



COMPLIANCE ENVIROSYSTEMS

- CES assumes that the pipes will be clean prior to arrival of CES CCTV inspection crew. If the CCTV camera is unable to traverse the entire pipe segment due to debris accumulation, a price for cleaning the pipe segment will be negotiated between CES and the Engineer.
- CES assumes that coffer dams and bypass pumping equipment will be installed and maintained by the Owner. If the CCTV camera is unable to traverse the entire pipe segment due to surcharged pipe conditions, a price for installation of coffer dams and bypass pumping will be negotiated between CES and the Engineer.
- All manholes/catch basins within the project area will be located and made accessible, at no cost to CES, by the Owner. The Owner shall facilitate physical, safe and legal access to manholes/catch basins needed for deployment to the pipelines to be cleaned and inspected. The Owner shall open any sealed, vented or other non-standard manholes/catch basins and reinstall and/or reseal them as necessary after the inspection is complete. The Owner shall locate and expose such manholes/catch basins that are not visible, not accessible or are partially or completely covered.
- If through no fault of CES operators, inspection equipment becomes lodged in the collection system, the Owner will provide excavation services to retrieve the equipment at no cost to CES.
- Transmittal of this proposal in no way suggests, indicates or guarantees a timeline for mobilization.
- Payment in full shall be made to CES within 30 calendar days after receipt of invoice. If any portion of the payment is received by CES after the payment due date as set forth above, or if any portion of the payment is received by CES in funds that are not immediately available, then a late payment penalty shall be due to CES. The late payment penalty shall be the portion of the payment not received by the payment due date multiplied by a late factor. The late factor shall be 10% per annum compounded daily for the number of days from the payment due date to and including the date that the Engineer actually makes the payment to CES.
- This proposal remains valid for 30 days.



COMPLIANCE ENVIROSYSTEMS

**RE: Proposed Fees for Storm Drain Evaluation Services in St. Charles Parish, LA**

Your signature will serve as **Notice to Proceed** on this project.

Name (Printed) \_\_\_\_\_

Title \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Respectfully Yours,

*Josh Graham*

Josh Graham

Business Development

*Compliance EnviroSystems, LLC*





C: (985) 502-5667

[jgraham@ces-ses.com](mailto:jgraham@ces-ses.com)

[www.ces-ses.com](http://www.ces-ses.com)



Figure 1

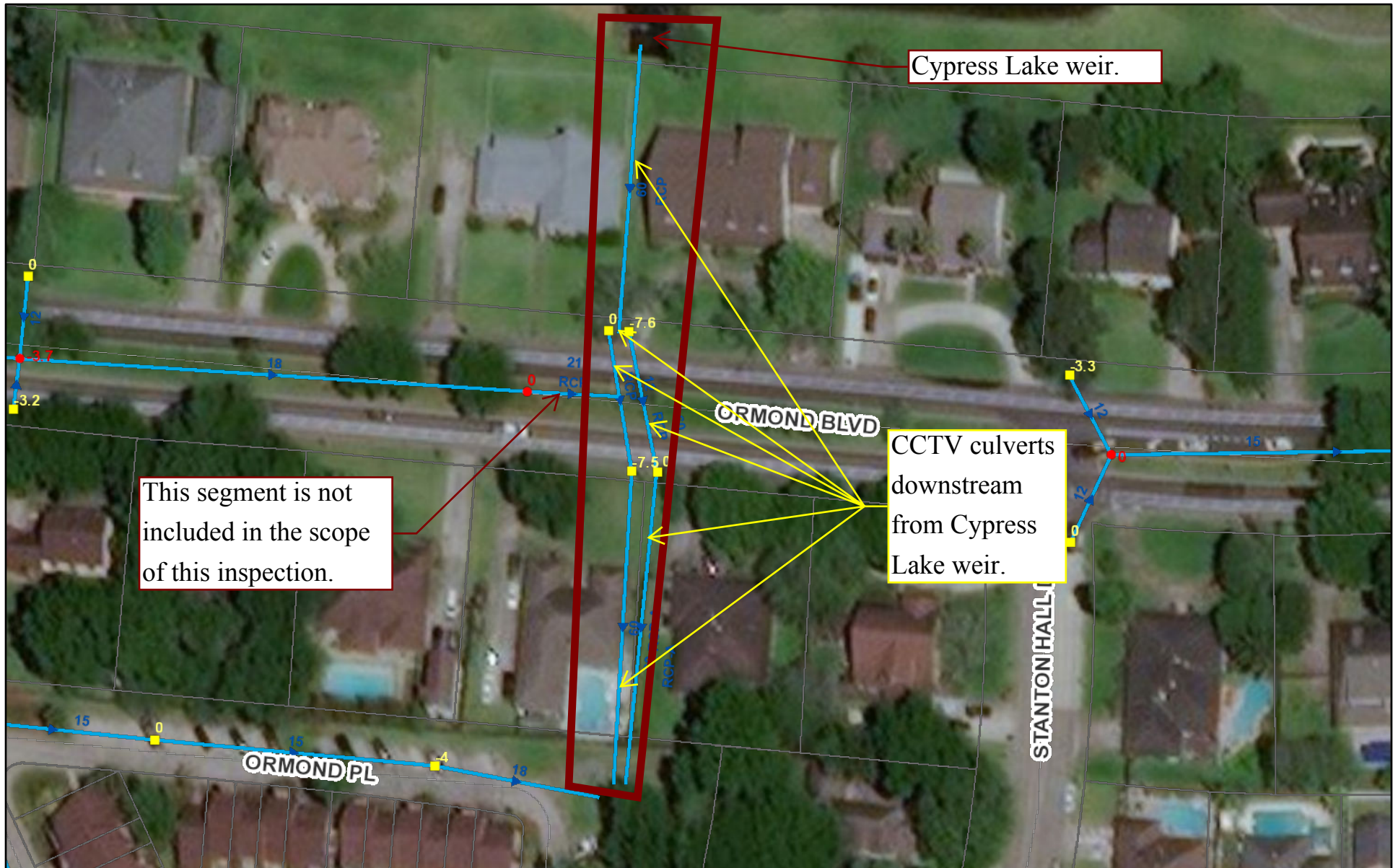
- Legend**
-  CVS Pharmacy
  -  McDonald's
  -  Rotolo's Pizzeria Destrehan
  -  Sport's Pub & Grill Inc

Perform television inspection of existing 60 IN CMP (~650 LF). South end is submerged and there is visible debris in the catch basins that may need to be removed.



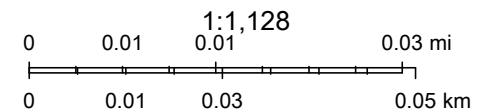


# Cypress Lakes South Weir



June 7, 2018

- Streets
- Parcels
- Addresses
- ➔ Culverts
- Culvert Inverts
- Catch Basin
- Manholes
- PS Pump Stations



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Preliminary Design Report						
Phase	Task	Engineer Intern	Engineer	Senior Engineer	Principal	Administrative
CCTV Investigation and Determination of Investigation Method	Site Visits (2)	8	8	8	0	0
	Owner's Meeting and Correspondence	0	4	4	2	2
	CCTV Review Site 1	12	8	6	0	0
	CCTV Review Site 2	12	8	2	0	0
	Subtotal	32	28	20	2	2
	Unit Cost	\$ 116.00	\$ 150.00	\$ 235.00	\$ 260.00	\$ 50.00
	Research Cost	\$ 3,712.00	\$ 4,200.00	\$ 4,700.00	\$ 520.00	\$ 100.00
Report	Owner's Meeting and Correspondence	0	4	4	2	2
	Report Generation	40	32	8	0	12
	Review	0	10	6	4	0
	Revisions	8	4	2	0	10
	Subtotal	48	50	20	6	24
	Research Cost	\$ 5,568.00	\$ 7,500.00	\$ 4,700.00	\$ 1,560.00	\$ 1,200.00
Total Costs Per Employee Type		\$ 9,280.00	\$ 11,700.00	\$ 9,400.00	\$ 2,080.00	\$ 1,300.00
Total					\$33,760.00	