



ST. TAMMANY PARISH

PATRICIA P. BRISTER
PARISH PRESIDENT

May 30, 2018

Please find the following addendum to the below mentioned BID.

Addendum No.: 2

Bid#: 300-00-18-27-2

Project Name: Christwood Blvd Ext

Bid Due Date: Friday, June 8, 2018

GENERAL INFORMATION:

- 1. Please note that the Bid Opening has been pushed to Friday, June 8, 2018. Time and location remains the same.**

End of Addendum #2



ST. TAMMANY PARISH

PATRICIA P. BRISTER
PARISH PRESIDENT

May 24, 2018

Please find the following addendum to the below mentioned BID.

Addendum No.: 1

Bid#: 300-00-18-27-2

Project Name: Christwood Blvd Ext

Bid Due Date: Thursday, May 31, 2018

GENERAL INFORMATION:

1. Please remove the "Unit Price Form" and replace with the "Unit Price Form Revised."(Attached)
2. Please remove "Plan Sheet C-1.1" and replace with "Plan Sheet C-1.1 Revised."(Attached)
3. Please remove "Plan Sheet C-3.1" and replace with "Plan Sheet C-3.1 Revised."(Attached)
4. Please remove "Plan Sheet C-4.1" and replace with "Plan Sheet C-4.1 Revised."(Attached)
5. Please remove "Plan Sheet C-4.2" and replace with "Plan Sheet C-4.2 Revised."(Attached)
6. Please remove "Plan Sheet C-4.3" and replace with "Plan Sheet C-4.3 Revised."(Attached)
7. Please remove "Plan Sheet C-4.4" and replace with "Plan Sheet C-4.4 Revised."(Attached)
8. Please add S-5000 Embankment Material Beneath Roadway Specifications to Section 03.(Attached)
9. Cleco Cost Estimate for the Relocation of Cleco Facilities Along East Brewster Rd. (Attached)
10. Map for Pole Relocation. (Attached)

ATTACHMENTS:

1. "Unit Price Sheet Revised.pdf"
2. "Plan Sheet C-1.1 Revised.pdf"
3. "Plan Sheet C-3.1 Revised.pdf"
4. "Plan Sheet C-4.1 Revised.pdf"
5. "Plan Sheet C-4.2 Revised.pdf"
6. "Plan Sheet C-4.3 Revised.pdf"
7. "Plan Sheet C-4.4 Revised.pdf"
8. "S-5000 Embankment Material Beneath Roadway Specifications.pdf"
9. "Cleco Cost Estimate for the Relocation.pdf"
10. "Map for Pole Relocation.pdf"

End of Addendum #1

**LOUISIANA UNIFORM PUBLIC WORK BID FORM
UNIT PRICE FORM**

REVISED

TO:

St. Tammany Parish Government
21454 Koop Drive, Suite 2F
Mandeville, LA. 70471

(OWNER TO PROVIDE NAME AND ADDRESS OF OWNER)

BID FOR:

Christwood Blvd. Ext.
Bid No. 300-00-18-27-2

(OWNER TO PROVIDE PROJECT NAME & OTHER IDENTIFYING INFO)

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Clearing and Grubbing				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
201-01-00100	1	LS		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Removal of Structures and Obstructions				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-01-00100	1	LS		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Removal of Asphalt Pavement				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-02020	1,625	SY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Removal of Combination Curb and Gutter				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-06080	320	LF		

Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Removal of Pipe (Cross Drain)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-32100	420	LF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Removal of Signs & "U" Channel Posts				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
202-02-38300	5	EA		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # General Excavation (Net Section - includes topsoil removal and haul-off)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
203-01-00100	5,353	CY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Embankment (Net Section)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
203-03-00100	1,158	CY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Geotextile Fabric				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
203-08-00100	6,620	SY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Temporary Sediment Check Dams (Stone)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
204-05-00200	6	EA		

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UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Temporary Silt Fencing				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
204-06-00100	3,305	LF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Temporary Stone Construction Entrance				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
204-07-00100	1	EA		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Class II Base Course (12" Thick)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
302-02-06000	5,564	SY		
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Asphaltic Concrete (Wearing Course) (2" Thick) (Type III)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
502-01-00100	575	TN		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Asphaltic Concrete (Binder Course) (3" Thick) (Type III)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
502-01-00100	861	TN		

Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Storm Drain Pipe (15" RCP)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-03-01000	21	LF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Storm Drain Pipe Arch (18" Equiv. RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-04-01020	134	LF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Storm Drain Pipe Arch (24" Equiv. RCPA)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
701-04-01040	84	LF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Catch Basins (CB-06)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
702-03-00500	1.00	EA		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Combination Concrete Curb and Gutter				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
707-03-00100	421	LF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Temporary Signs and Barricades				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
713-01-00100	1	LS		

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Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Mobilization				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
727-01-00100	1	LS		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Sign (Type A) (Furnish & Install)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-01-00102	24.50	SF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # U-Channel Post				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
729-21-00100	8	EA		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Trenching and Backfilling				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
730-01-00100	150	LF		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Raised Pavement Markers				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
731-02-00100	20	EA		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Plastic Pavement Striping (Solid Line)(4" Width)(Thermoplastic)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
732-01-01000	3,440	LF		

Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	Plastic Pavement Striping (Solid Line)(8" Width)(Thermoplastic)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
732-01-01040	225	LF					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	Plastic Pavement Striping (Solid Line)(24" Width)(Thermoplastic)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
732-01-02080	128	LF					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	Plastic Pavement Legends & Symbols (Arrow-Double)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
732-04-01040	1	EA					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	Plastic Pavement Legends & Symbols (Arrow-Right Turn)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
732-04-01100	1	EA					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	Conduit (4" HDPE,Schedule 80)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
736-11-00500	300	LF					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	Hydro-seeding		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
739-01-00100	1.65	AC					

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UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

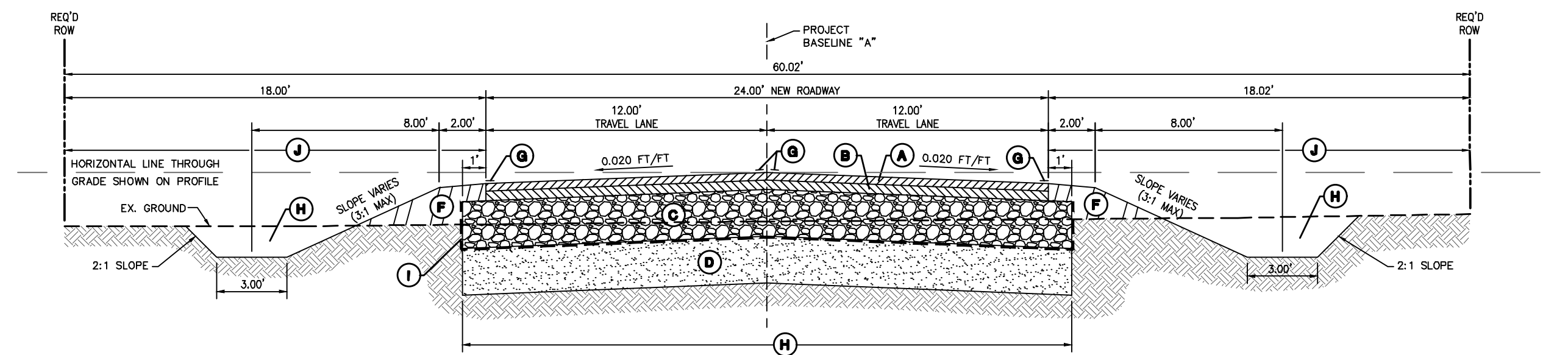
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Construction Layout				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
740-01-00100	1	LS		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Conversion of Catch Basin To Manhole				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
NS-MSC-00120	1	EA		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # As-Built Survey				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
S-1000	1	LS		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # 4'Wide Concrete Flume with Type "H" Inlet Top				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
S-2000	2	EA		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Double Swinging Driveway Gates				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
S-3000	2	EA		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Sanitary Sewer Force Main Offset				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
S-4000	210	LF		

Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.

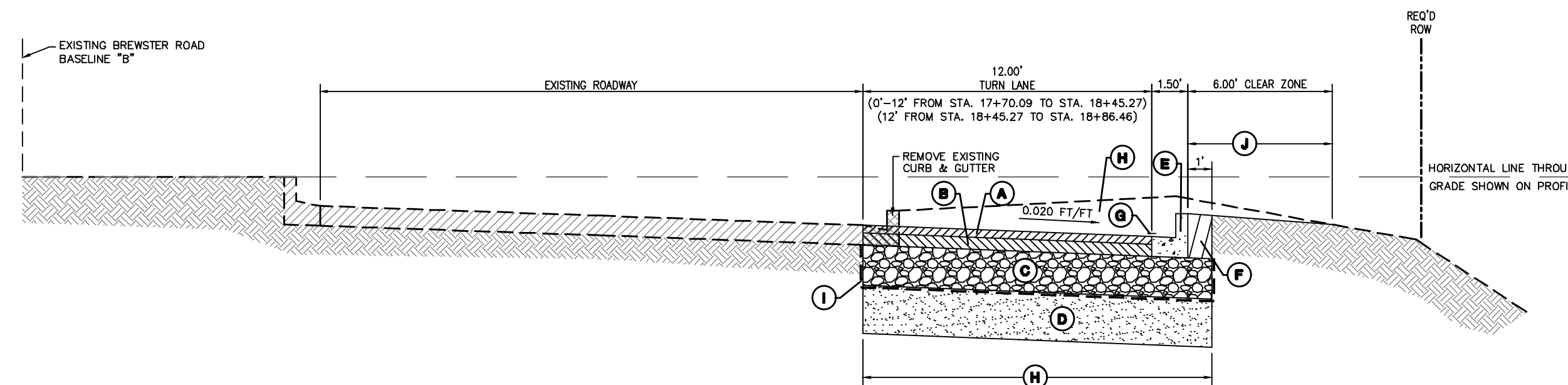
UNIT PRICES: This form shall be used for any & all work required by the Bidding Documents & described as unit prices. Amounts shall be stated in figures & only in figures.

Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Embankment Material Beneath Roadway				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
S-5000	5,564	SY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Remove & Relocate Existing Power Pole				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
S-6000	1	LS		
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
Description: <input type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT #				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)

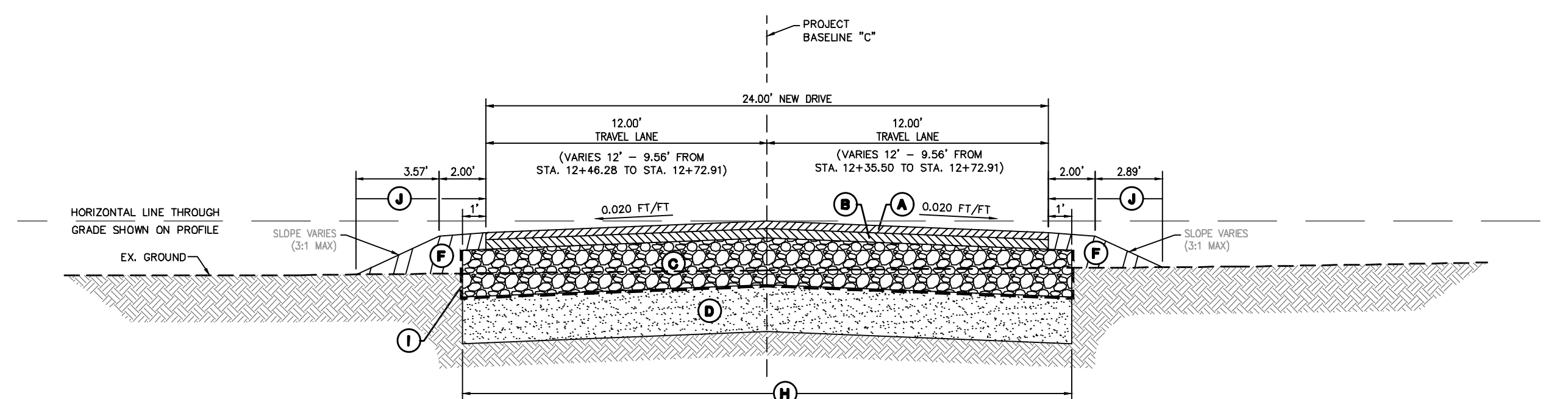
Wording for "description" is to be provided by the Owner. All Quantities Estimated. The Contractor will be paid based upon actual quantities as verified by the Owner.



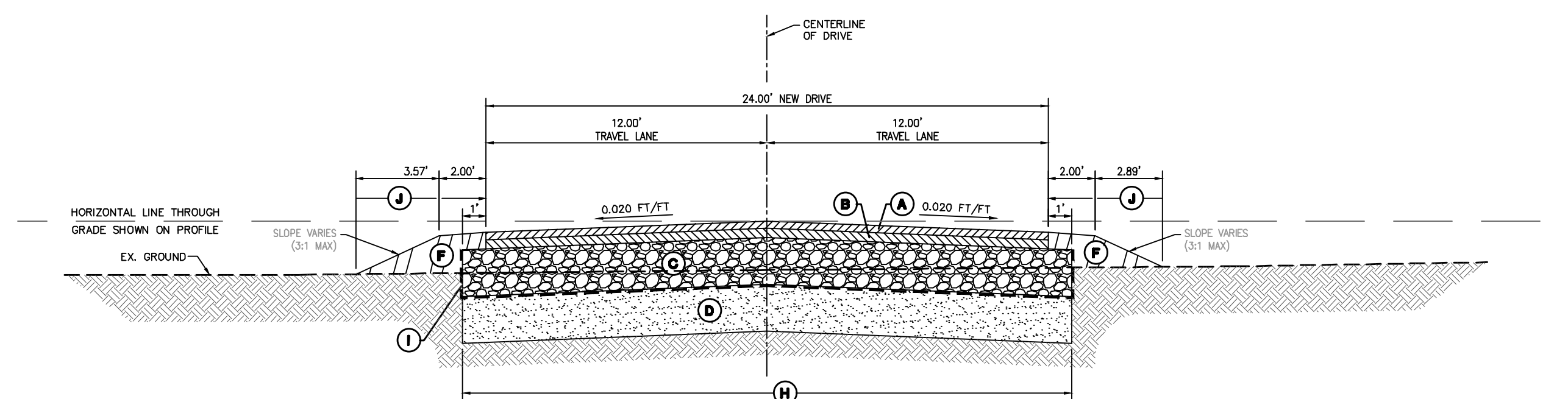
**TYPICAL REQUIRED SECTION
STA. 10+40 TO END
(LOOKING DOWN STATION)**



**TYPICAL RIGHT TURN LANE SECTION
(BREWSTER ROAD)
(LOOKING DOWN STATION)**



**TYPICAL REQUIRED SECTION
CHRISTWOOD RETIREMENT COMMUNITY DRIVE
STA. 10+59.42 TO STA. 12+72.91
(LOOKING DOWN STATION)**



**TYPICAL DRIVEWAY SECTION FOR
CHRISTWOOD EPISCOPAL SCHOOL
(LOOKING DOWN STATION)**

LEGEND:

- (A) 2" ASPHALTIC CONCRETE WEARING COURSE (TYPE III)
- (B) 3" ASPHALTIC CONCRETE BINDER COURSE (TYPE III)
- (C) 12" CLASS II BASE COURSE (CRUSHED STONE, RECYCLED P.C. CONCRETE OR ASPHALTIC CONCRETE) WITH GEOTEXTILE FABRIC
- (D) 12" EMBANKMENT MATERIAL BENEATH ROADWAY (NET SECTION) SHALL CONSIST OF COMPACTED STRUCTURAL FILL
- (E) 18" COMBINATION CONCRETE CURB AND GUTTER
- (F) REQUIRED EMBANKMENT MATERIAL
- (G) PLASTIC PAVEMENT STRIPING AND/OR REFLECTORIZED MARKERS
- (H) GENERAL EXCAVATION
- (I) GEOTEXTILE FABRIC (US 180NW CLASS D OR APPROVED EQUAL)
- (J) HYDROSEED WITH STRAW OR SOD DISTURBED AREAS (SEE EROSION CONTROL PLAN SHEET 8.1) (WITHIN LIMITS OF CONSTRUCTION)

NOTE:

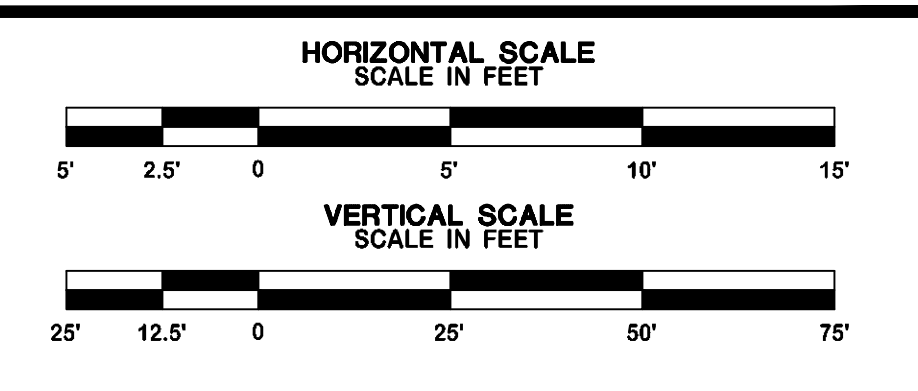
*BASED ON THE GEOTECHNICAL REPORT PREPARED BY STRATUM ENGINEERING (REPORT NO. G15-085 DATED NOVEMBER 11, 2015), THE SUBGRADE SHALL CONSIST OF 12" OF COMPACTED STRUCTURAL FILL CONSISTING OF SANDY CLAYS, CLAYEY OR SILTY SANDS HAVING A MAXIMUM LIQUID LIMIT OF 40 AND A MAXIMUM PLASTICITY INDEX OF 20; AND COMPACTED TO 95% OF THE FILL'S MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698. STRUCTURAL FILL SHALL BE PLACED IN MAXIMUM 8" LOOSE LIFTS AND COMPACTED WITHIN A RANGE OF 1% BELOW TO 3% ABOVE THE OPTIMUM MOISTURE CONTENT UP TO THE FINISHED GRADES.

CALL LOUISIANA ONE CALL - 1-800-272-3020

LOUISIANA STATE LAW, SECTION R.S.40:1749.13.B, REQUIRES EXCAVATORS AND DEMOLISHERS TO NOTIFY A REGIONAL NOTIFICATION CENTER BY TELEPHONE 48 TO 120 HOURS IN ADVANCE OF ANY EXCAVATION OR DEMOLITION ACTIVITY. THE OWNERS/OPERATORS OF ANY UNDERGROUND FACILITY MUST THEN MARK THE AREA OR PROVIDE INFORMATION THAT WILL ENABLE AN EXCAVATOR OR DEMOLISHER TO DETERMINE THE LOCATION OF UNDERGROUND FACILITIES.

PROJECT NO. JOB #15-340
DIRECTORY: 15-340
FILE: C-11

ADDENDUM 1 - REVISED NOTE	PAW	
DATE	DESCRIPTION	BY
	REVISION	



STAMP

STATE OF LOUISIANA

 THOMAS H. BUCKEL
 License No. 31022
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING

SIGNATURE: *Thomas H. Buckel*
 DATE: 5/21/18

DDG
 DUPLANTIS DESIGN GROUP, PC
 16564 E. Brewster Road, Suite 101
 Covington, LA 70433
 Phone: 985.249.6180 || FAX: 985.249.6190
 WWW.DDGPC.COM

THIBODAUX \ COVINGTON
 HOUSTON \ BATON ROUGE \ HOUMA

DESIGNED: PAW
 CHECKED: PAW

DATE ISSUED: 1-30-18
 ISSUED FOR: PERMITTING

OWNER: ST. TAMMANY PARISH
PROJECT: CHRISTWOOD BLVD EXT. COVINGTON, LA ST. TAMMANY PARISH
TITLE: TYPICAL ROADWAY SECTIONS

SHEET C-1.1

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
	BASE BID		
201-01-00100	CLEARING & GRUBBING	LUMP SUM	1
202-01-00100	REMOVAL OF STRUCTURES & OBSTRUCTIONS	LUMP SUM	1
202-02-02020	REMOVAL OF ASPHALT PAVEMENT	SQUARE YARD	1,625
202-02-06080	REMOVAL OF COMBINATION CURB & GUTTER	LINEAR FOOT	320
202-02-32100	REMOVAL OF PIPE (CROSS DRAIN)	LINEAR FOOT	420
202-02-38300	REMOVAL OF SIGNS & "U" CHANNEL POSTS	EACH	5
* 203-01-00100	GENERAL EXCAVATION (NET SECTION - INCLUDES TOPSOIL REMOVAL AND HAUL-OFF)	CUBIC YARD	5,353
203-03-00100	EMBANKMENT (NET SECTION)	CUBIC YARD	1,158
203-08-00100	GEOTEXTILE FABRIC	SQUARE YARD	6,620
204-05-00200	TEMPORARY SEDIMENT CHECK DAMS (STONE)	EACH	6
204-06-00100	TEMPORARY SILT FENCING	LINEAR FOOT	3,305
204-07-00100	TEMPORARY STONE CONSTRUCTION ENTRANCE	EACH	1
302-02-06000	CLASS II BASE COURSE (12" THICK)	SQUARE YARD	5,564
502-01-00100	ASPHALTIC CONCRETE (WEARING COURSE)(2" THICK)(TYPE III)	TON	575
502-01-00100	ASPHALTIC CONCRETE (BINDER COURSE)(3" THICK)(TYPE III)	TON	861
701-03-01000	STORM DRAIN PIPE (15" RCP)	LINEAR FOOT	21
701-04-01020	STORM DRAIN PIPE ARCH (18" EQUIV. RCPA)	LINEAR FOOT	134
701-04-01040	STORM DRAIN PIPE ARCH (24" EQUIV. RCPA)	LINEAR FOOT	84

* ITEM 203-01-00100 GENERAL EXCAVATION INCLUDES STRIPING OF 24" OF TOPSOIL AS PER THE GEOTECHNICAL REPORT PREPARED BY STRATUM ENGINEERING (REPORT NO. G15-085) DATED NOVEMBER 11, 2015.
 ** ITEM 713-01-00100 TEMPORARY SIGNS & BARRICADES SHALL INCLUDE THE INSTALLATION OF TWO (2) PERMANENT TYPE III BARRICADE AS SHOWN ON DETAIL SHEET C-9.1.

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
	BASE BID		
702-03-00500	CATCH BASINS (CB-06)	EACH	1
707-03-00100	COMBINATION CONCRETE CURB AND GUTTER	LINEAR FOOT	421
** 713-01-00100	TEMPORARY SIGNS AND BARRICADES	LUMP SUM	1
727-01-00100	MOBILIZATION	LUMP SUM	1
729-01-00102	SIGN (TYPE A)(FURNISH AND INSTALL)	SQUARE FOOT	38.50
729-21-00100	U-CHANNEL POST	EACH	12
730-01-00100	TRENCHING AND BACKFILLING	LINEAR FOOT	150
731-02-00100	RAISED PAVEMENT MARKERS	EACH	20
732-02-01000	PLASTIC PAVEMENT STRIPING (SOLID LINE)(4" WIDTH)(THERMOPLASTIC)	LINEAR FOOT	3,440
732-02-01040	PLASTIC PAVEMENT STRIPING (SOLID LINE)(8" WIDTH)(THERMOPLASTIC)	LINEAR FOOT	225
732-02-02080	PLASTIC PAVEMENT STRIPING (SOLID LINE)(24" WIDTH)(THERMOPLASTIC)	LINEAR FOOT	128
732-04-01040	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ARROW - DOUBLE)	EACH	1
732-04-01100	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ARROW - RIGHT TURN)	EACH	1
736-11-00500	CONDUIT (4" HDPE, SCHEDULE 80)	LINEAR FOOT	300
739-01-00100	HYDRO-SEEDING	ACRE	1.65
740-01-00100	CONSTRUCTION LAYOUT	LUMP SUM	1
NS-MS-00120	CONVERSION OF CATCH BASIN TO MANHOLE	EACH	1
S-1000	AS-BUILT SURVEY	LUMP SUM	1
S-2000	4' WIDE CONCRETE FLUME WITH TYPE "H" INLET TOP	EACH	2
S-3000	DOUBLE SWINGING DRIVEWAY GATE	EACH	2
S-4000	SANITARY SEWER FORCE MAIN OFFSET	LF	210
S-5000	EMBANKMENT MATERIAL BENEATH ROADWAY (12" THICK)	SY	5,564
S-6000	REMOVE AND RELOCATE EXISTING POWER POLE	LS	1

ANY WORK REQUIRED TO CONSTRUCT THE IMPROVEMENTS SHOWN ON THE PLANS, WITHOUT A SPECIFIC BID ITEM, SHALL BE PERFORMED AT NO DIRECT PAY. THE OWNER RESERVES THE RIGHT TO ADJUST ANY AND ALL QUANTITIES.

PROJECT NO. JOB #16-340
DIRECTORY: 16-340
FILE: C-3.1

ADDENDUM 1 - REVISED NOTE	PAW	
DATE	DESCRIPTION	BY
	REVISION	

STAMP

SIGNATURE: *Thomas H. Buckel*

DATE: 5/21/18

DDG DUPLANTIS DESIGN GROUP, PC
 16564 E. Brewster Road, Suite 101
 Covington, LA 70433
 Phone: 985.249.6180 || FAX: 985.249.6190
 WWW.DDGPC.COM THIBODAUX | COVINGTON
 HOUSTON | BATON ROUGE | HOUMA

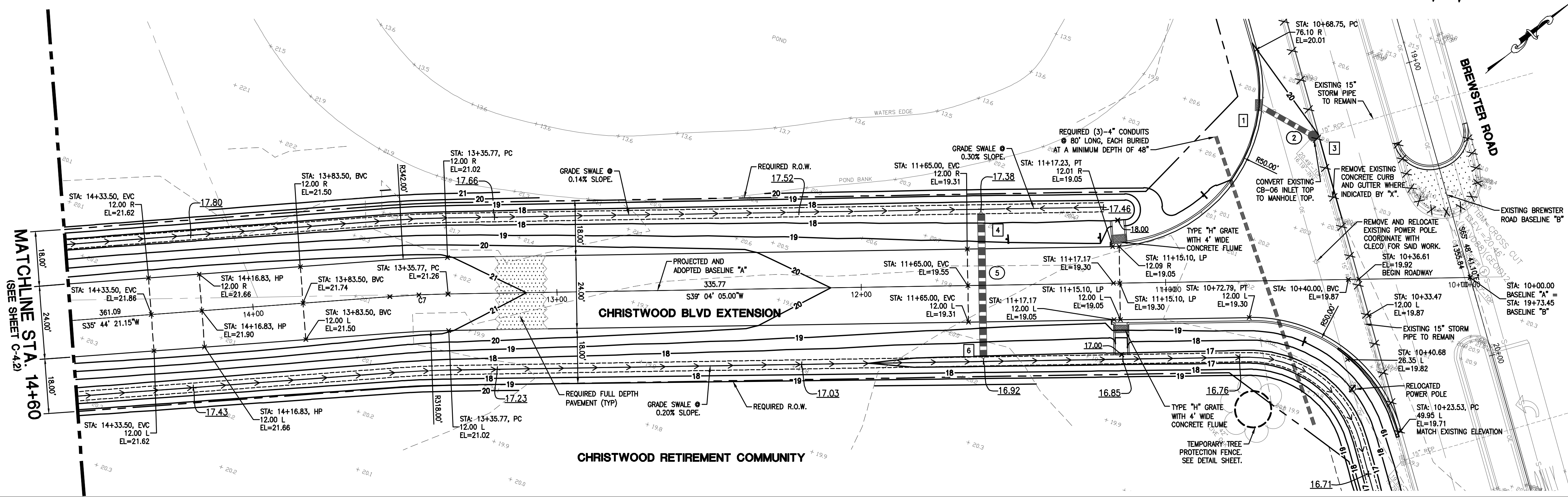
DESIGNED: PAW DATE ISSUED: 1-30-18
 CHECKED: PAW ISSUED FOR: PERMITTING

OWNER:	ST. TAMMANY PARISH
PROJECT:	CHRISTWOOD BLVD EXT. COVINGTON, LA ST. TAMMANY PARISH
TITLE:	SUMMARY OF ESTIMATED QUANTITIES

SHEET
C-3.1

- CURVE #7**
 PI STA = 13+45.36
 Δ = 319°43.85"
 R = 330.00'
 T = 9.59'
 L = 19.17'
- 6** STORM STRUCTURE 6
 STA: 11+60.27, 23.50' L
 OPEN PIPE
 INV. IN = 16.92
- 4** STORM STRUCTURE 4
 STA: 11+60.26, 23.50' R
 OPEN PIPE
 INV. IN = 17.38
- 3** STORM STRUCTURE 3 (EX)
 STA: 10+50.76, 47.31' R
 CONVERT TO CURB INLET TOP (CB-06 EX)
 TO MANHOLE TOP
 TOP = 20.49(EX)
 GUTTER = ±19.8(EX)
 INV. IN = 16.19
 INV. IN = 16.19(EX)
 INV. OUT = 16.19(EX)
- 1** STORM STRUCTURE 1
 STA: 10+67.70, 57.70' R
 CURB INLET (CB-06)
 INV. OUT = 16.23
- 2** STORM PIPE 2
 15" RCP
 21LF @ 0.20%
- 5** STORM PIPE 5
 18" RCPA
 47LF @ 1.00%

WARNING!!!
 EXISTING OVERHEAD ELECTRIC AND UNDERGROUND UTILITIES TO REMAIN CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN VICINITY.



LEGEND - EXISTING

FOUND PROPERTY CORNER (AS NOTED)	○	ELEVATION OF TOP OF STRUCTURE	TOP = 18.00
EXISTING POWER POLE	⊗	ELEVATION OF BOTTOM OF STRUCTURE	INV. = 15.00
EXISTING POWER POLE WITH LIGHT	⊗*	EXISTING SPOT ELEVATION	X 10.63
EXISTING PARKING LOT LIGHT	⊗*	ELEVATION OF TOP OF CURB	18.50 TC
EXISTING GUY ANCHOR	→	ELEVATION OF FACE OF CURB	18.00 FC
EXISTING TELEPHONE PEDESTAL	⊞	EXISTING SEWER MANHOLE	⊞
EXISTING CABLE TV PEDESTAL	⊞	EXISTING SEWER CLEANOUT	⊞
EXISTING UNDERGROUND POWER LINE	—	EXISTING GRAVITY SEWER LINE	—
EXISTING OVERHEAD POWER LINE	—	EXISTING SEWER FORCE MAIN	—
EXISTING TELEPHONE LINE	—	EXISTING DRAINAGE MANHOLE	⊞
EXISTING CABLE TV LINE	—	EXISTING SUBSURFACE DRAINAGE	=====
EXISTING GAS METER	⊞	EXISTING CATCH BASIN/DROP INLET	⊞
EXISTING GAS VALVE	⊞	EXISTING FIRE HYDRANT	⊞
EXISTING GAS LINE	—	EXISTING WATER METER	⊞
EXISTING BARB WIRE FENCE LINE	—	EXISTING WATER METER	⊞
EXISTING CHAIN LINK LINE	—	EXISTING WATER VALVE	⊞
EXISTING WOOD FENCE LINE	—	EXISTING WATER LINE	—
EXISTING HIGH DENSITY POLYETHYLENE PIPE	—	EXISTING TERRA-COTTA PIPE	—
EXISTING POLYVINYL CHLORIDE PIPE	—	EXISTING REINFORCED CONCRETE PIPE	—
		EXISTING CORRUGATED METAL PIPE	—

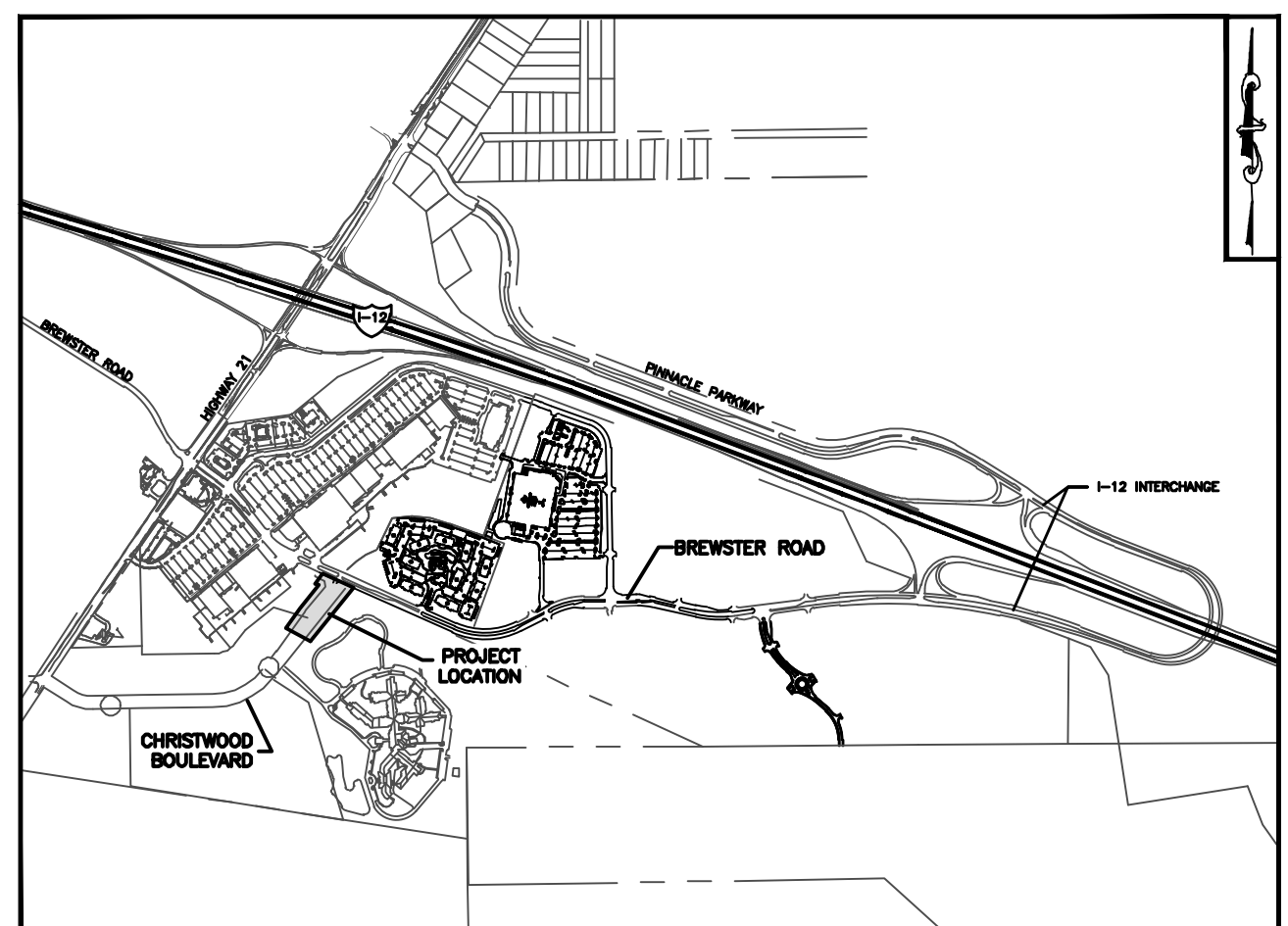
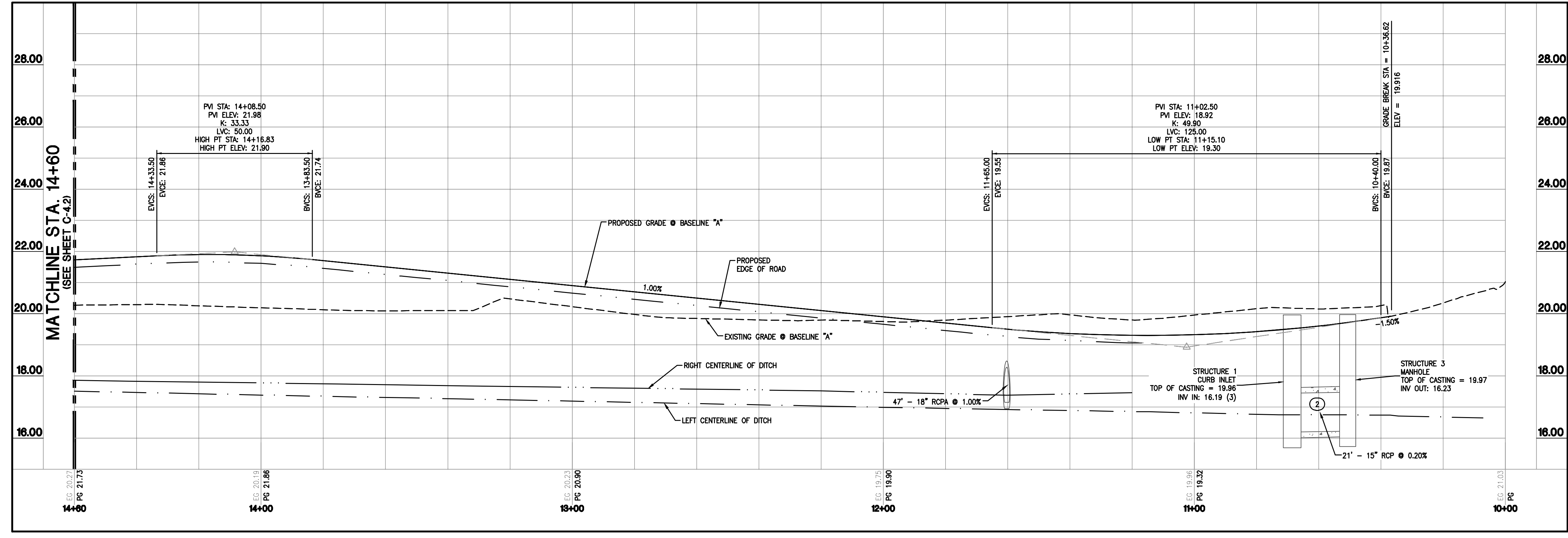
LEGEND - NEW IMPROVEMENTS

CURB AND GUTTER	—	REO'D EASEMENT LINE	—
RIGHT-OF-WAY LINE	—	WATER LINE	—
STORM PIPE	—	UNDERGROUND TELEPHONE	—
CURB INLET	⊞	UNDERGROUND ELECTRIC	—
AREA INLET	⊞	GAS LINE	—
STORM MANHOLE	⊞	WATER VALVE	⊞
FULL DEPTH ASPHALTIC PAVEMENT	⊞	FIRE HYDRANT	⊞
PAVEMENT REMOVAL	⊞	PIPE FITTINGS	⊞
CURB INLET WITH CONCRETE FLUME	⊞	SEWER LINE	—
SPOT GRADE	X 18.88	SEWER MANHOLE	⊞
EXISTING CURB & GUTTER TO BE REMOVED	—	NEW EMPTY CONDUITS	—
PROPOSED CONTOUR	—	ELECTRIC VAULT	⊞
		ELECTRIC TRANSFORMER	⊞
		ELECTRIC PEDESTAL	⊞

LEGEND

PROPOSED EDGE OF ROADWAY	—
RIGHT CENTERLINE OF DITCH	—
LEFT CENTERLINE OF DITCH	—

NOTE: CONTRACTOR TO STAKE LOCATION OF NEW POLE AND CONTACT CLECO A MINIMUM 2 WEEKS PRIOR TO POWER POLE REMOVAL AND RELOCATION. CONTACT TAYLOR CREECH AT 985-867-4635 FOR SAID WORK.



KEY MAP
 NTS

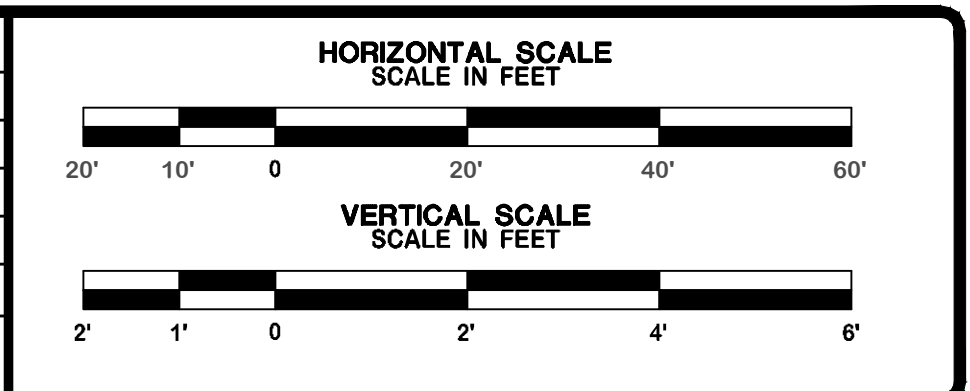
- NOTE:**
- ALL DIMENSIONS AND OFFSETS ARE FROM FACE OF CURB UNLESS OTHERWISE NOTED.
 - SEE SHEET C-2.1 FOR GENERAL NOTES, DRAINAGE SCHEDULE, AND SANITARY SEWER SCHEDULE.
 - SEE SHEETS C-1.1 FOR TYPICAL SECTIONS.
 - SEE SHEETS C-7.1 THROUGH C-7.3 FOR PAVEMENT MARKINGS AND SIGNAGE PLANS.
 - SEE SHEETS C-9.1 THROUGH C-9.8 FOR DETAIL SHEETS.
 - CONTRACTOR SHALL FIELD VERIFY LOCATION AND INVERTS OF ALL EXISTING UNDERGROUND UTILITIES AND UTILITY STRUCTURES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

PROJECT NO.
 JOB #15-340

DIRECTORY:
 15-340

FILE:
 C-4.1

ADDENDUM 1 - ADDED NOTE	PAW	
DATE	DESCRIPTION	BY
	REVISION	



STAMP

STATE OF LOUISIANA

THOMAS H. BUCKEL
 License No. 31022
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING

SIGNATURE: *Thomas H. Buckel*

DATE: 5/21/18

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DESIGNED: PAW
 CHECKED: PAW

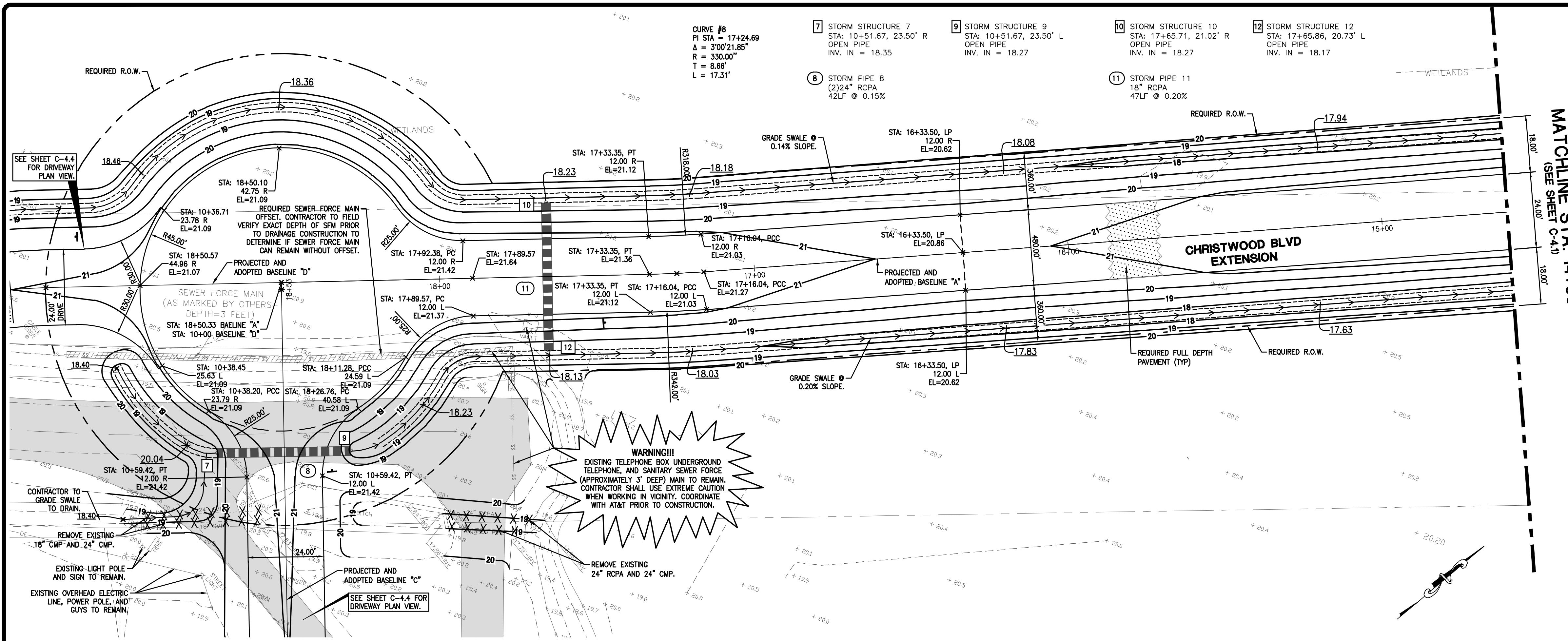
DATE ISSUED: 1-30-18
 ISSUED FOR: PERMITTING

OWNER: ST. TAMMANY PARISH

PROJECT: CHRISTWOOD BLVD EXT.
 COVINGTON, LA
 ST. TAMMANY PARISH

TITLE: CHRISTWOOD BLVD EXTENSION STA. 10+00 TO STA. 14+60

SHEET
C-4.1



LEGEND - EXISTING

FOUND PROPERTY CORNER (AS NOTED)	○	ELEVATION OF TOP OF STRUCTURE	TOP = 18.00
EXISTING POWER POLE	⊗	ELEVATION OF BOTTOM OF STRUCTURE	INV. = 15.00
EXISTING POWER POLE WITH LIGHT	⊗*	EXISTING SPOT ELEVATION	X 10.63
EXISTING PARKING LOT LIGHT	⊗*	ELEVATION OF TOP OF CURB	18.50 TC
EXISTING GUY ANCHOR	→	ELEVATION OF FACE OF CURB	18.00 FC
EXISTING TELEPHONE PEDESTAL	⊞	EXISTING SEWER MANHOLE	⊞
EXISTING CABLE TV PEDESTAL	⊞	EXISTING SEWER CLEANOUT	⊞
EXISTING UNDERGROUND POWER LINE	—	EXISTING GRAVITY SEWER LINE	—
EXISTING OVERHEAD POWER LINE	—	EXISTING SEWER FORCE MAIN	—
EXISTING TELEPHONE LINE	—	EXISTING DRAINAGE MANHOLE	⊞
EXISTING CABLE TV LINE	—	EXISTING SUBSURFACE DRAINAGE	=====
EXISTING GAS METER	GM ⊞	EXISTING CATCH BASIN/DROP INLET	⊞
EXISTING GAS VALVE	⊞	EXISTING FIRE HYDRANT	⊞
EXISTING GAS LINE	—	EXISTING WATER METER	WM ⊞
EXISTING BARR WIRE FENCE LINE	—	EXISTING WATER VALVE	⊞
EXISTING CHAIN LINK LINE	—	EXISTING WATER LINE	—
EXISTING WOOD FENCE LINE	—	EXISTING TERRA-COTTA PIPE	8" TC
EXISTING HIGH DENSITY POLYETHYLENE PIPE	12" HDPE	EXISTING REINFORCED CONCRETE PIPE	18" RCP
EXISTING POLYVINYL CHLORIDE PIPE	12" PVC	EXISTING CORRUGATED METAL PIPE	24" CMP

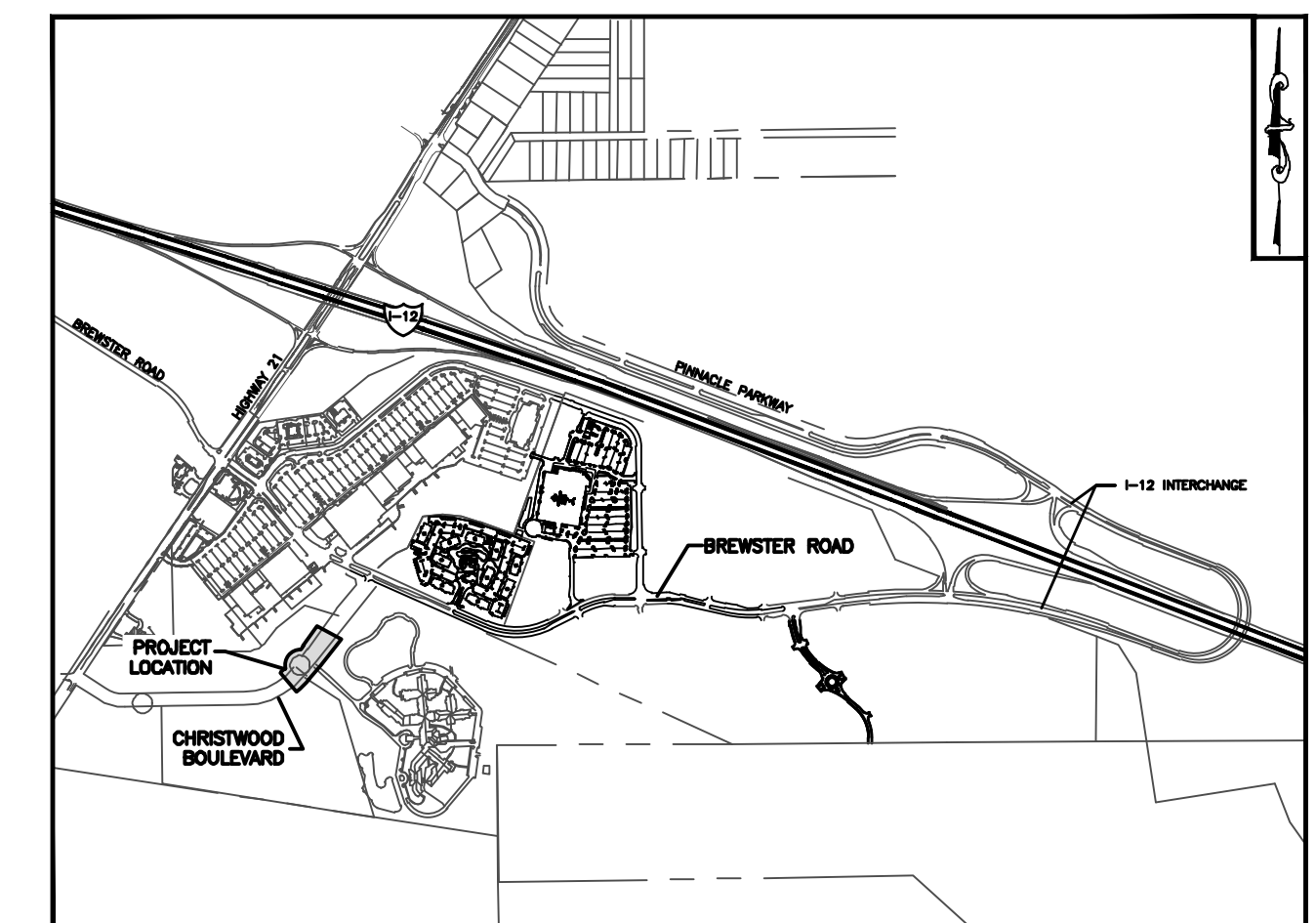
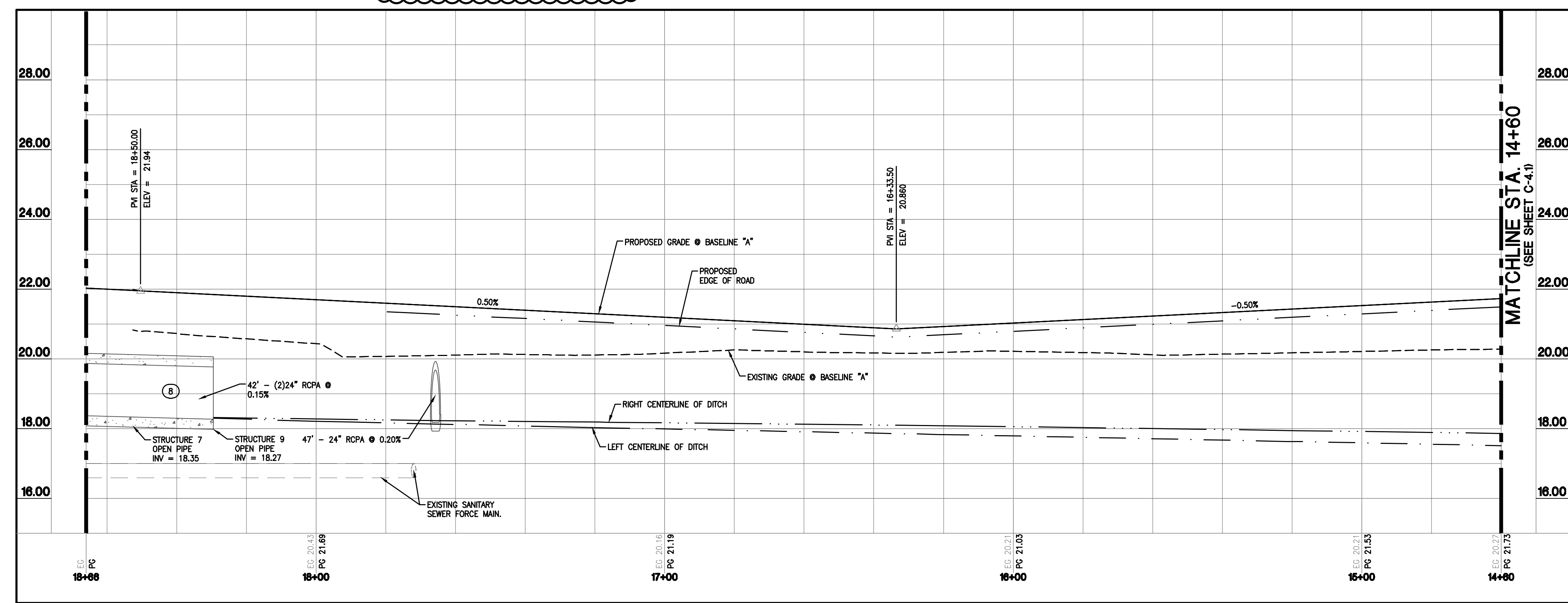
LEGEND - NEW IMPROVEMENTS

CURB AND GUTTER	—	REQ'D EASEMENT LINE	---
RIGHT-OF-WAY LINE	---	WATER LINE	—
STORM PIPE	—	UNDERGROUND TELEPHONE	—
CURB INLET	⊞	UNDERGROUND ELECTRIC	—
AREA INLET	⊞	GAS LINE	—
STORM MANHOLE	⊞	WATER VALVE	⊞
FULL DEPTH ASPHALTIC PAVEMENT	▨	FIRE HYDRANT	⊞
PAVEMENT REMOVAL	▨	PIPE FITTINGS	⊞
CURB INLET WITH CONCRETE FLUME	⊞	SEWER LINE	—
SPOT GRADE	X 18.88	SEWER MANHOLE	⊞
PROPOSED CONTOUR	—	NEW EMPTY CONDUITS	—
		ELECTRIC VAULT	⊞
		ELECTRIC TRANSFORMER	⊞
		ELECTRIC PEDESTAL	⊞

LEGEND

PROPOSED EDGE OF ROADWAY	---
RIGHT CENTERLINE OF DITCH	---
LEFT CENTERLINE OF DITCH	---

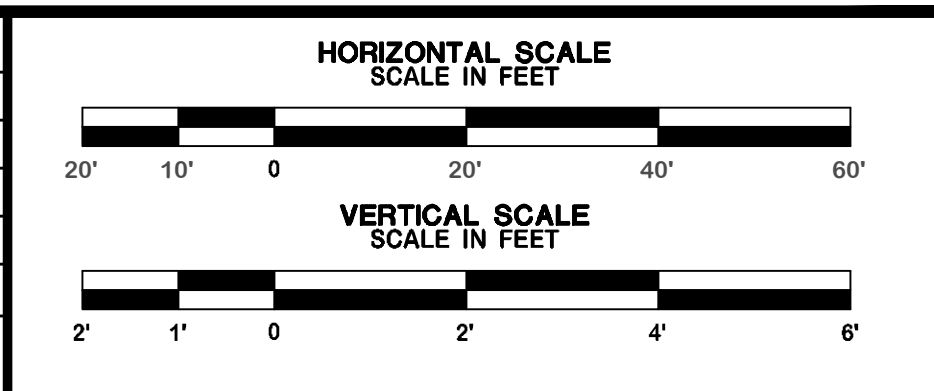
NOTE: CONTRACTOR TO MAINTAIN INGRESS/EGRESS FROM CHRISTWOOD RETIREMENT COMMUNITY THROUGHOUT CONSTRUCTION.



- NOTE:**
1. ALL DIMENSIONS AND OFFSETS ARE FROM FACE OF CURB UNLESS OTHERWISE NOTED.
 2. SEE SHEET C-2.1 FOR GENERAL NOTES, DRAINAGE SCHEDULE, AND SANITARY SEWER SCHEDULE.
 3. SEE SHEETS C-1.1 FOR TYPICAL SECTIONS.
 4. SEE SHEETS C-7.1 THROUGH C-7.3 FOR PAVEMENT MARKINGS AND SIGNAGE PLANS.
 5. SEE SHEETS C-9.1 THROUGH C-9.8 FOR DETAIL SHEETS.
 6. CONTRACTOR SHALL FIELD VERIFY LOCATION AND INVERTS OF ALL EXISTING UNDERGROUND UTILITIES AND UTILITY STRUCTURES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

PROJECT NO. JOB #15-340
DIRECTORY: 15-340
FILE: C-4.2

ADDENDUM 1 - ADDED NOTE	PAW	
DATE	DESCRIPTION	BY
	REVISION	



STAMP

STATE OF LOUISIANA

THOMAS H. BUCKEL
 License No. 31022
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING

SIGNATURE: *Thomas H. Buckel*

DATE: 5/21/18

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 HOUSTON \ BATON ROUGE \ HOUMA

DESIGNED: PAW
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DATE ISSUED: 1-30-18
 ISSUED FOR: PERMITTING

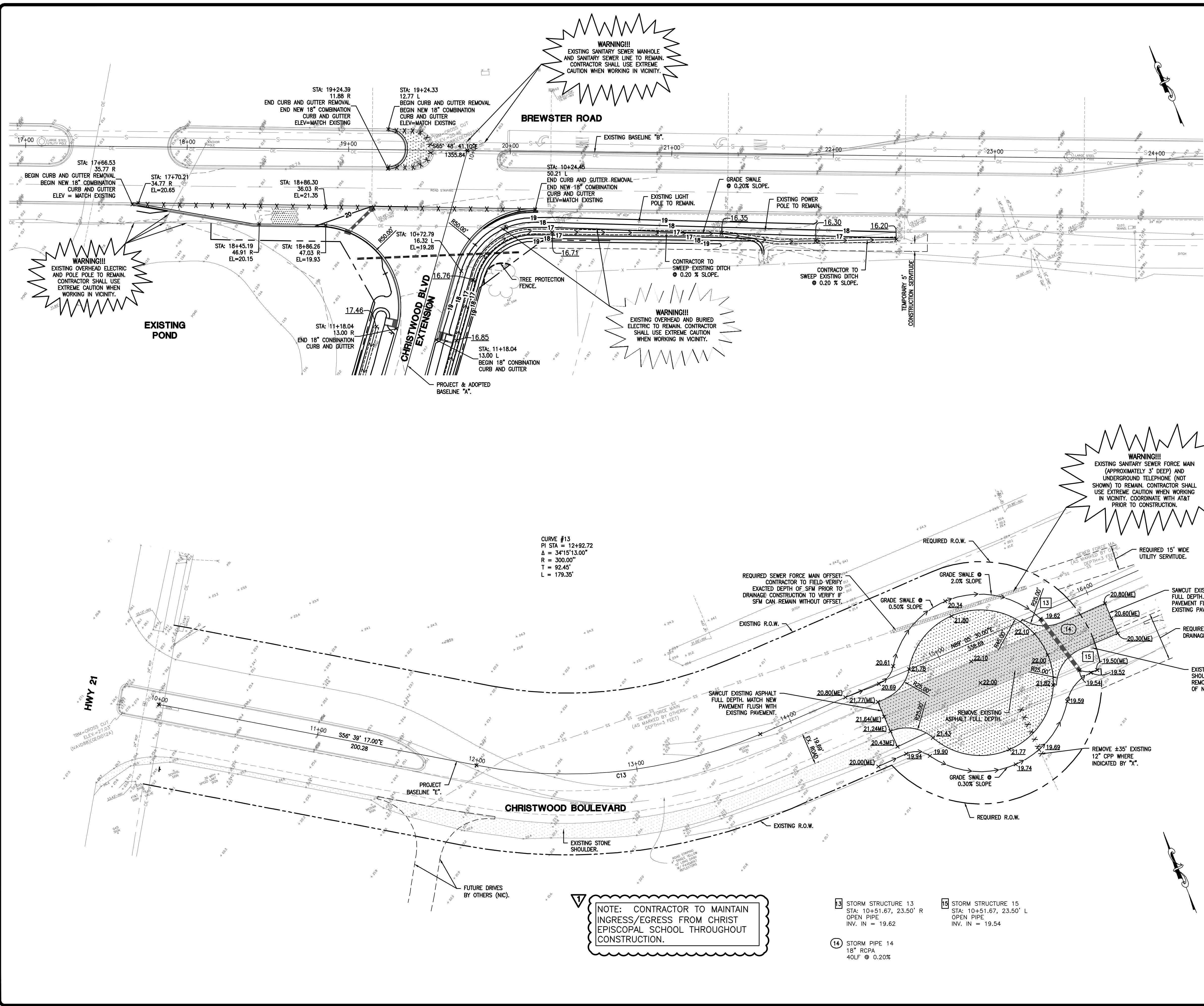
OWNER: ST. TAMMANY PARISH

PROJECT: CHRISTWOOD BLVD EXT. COVINGTON, LA ST. TAMMANY PARISH

TITLE: PLAN AND PROFILE SHEET

CHRISTWOOD BLVD EXTENSION STA. 14+60 TO END

SHEET
C-4.2

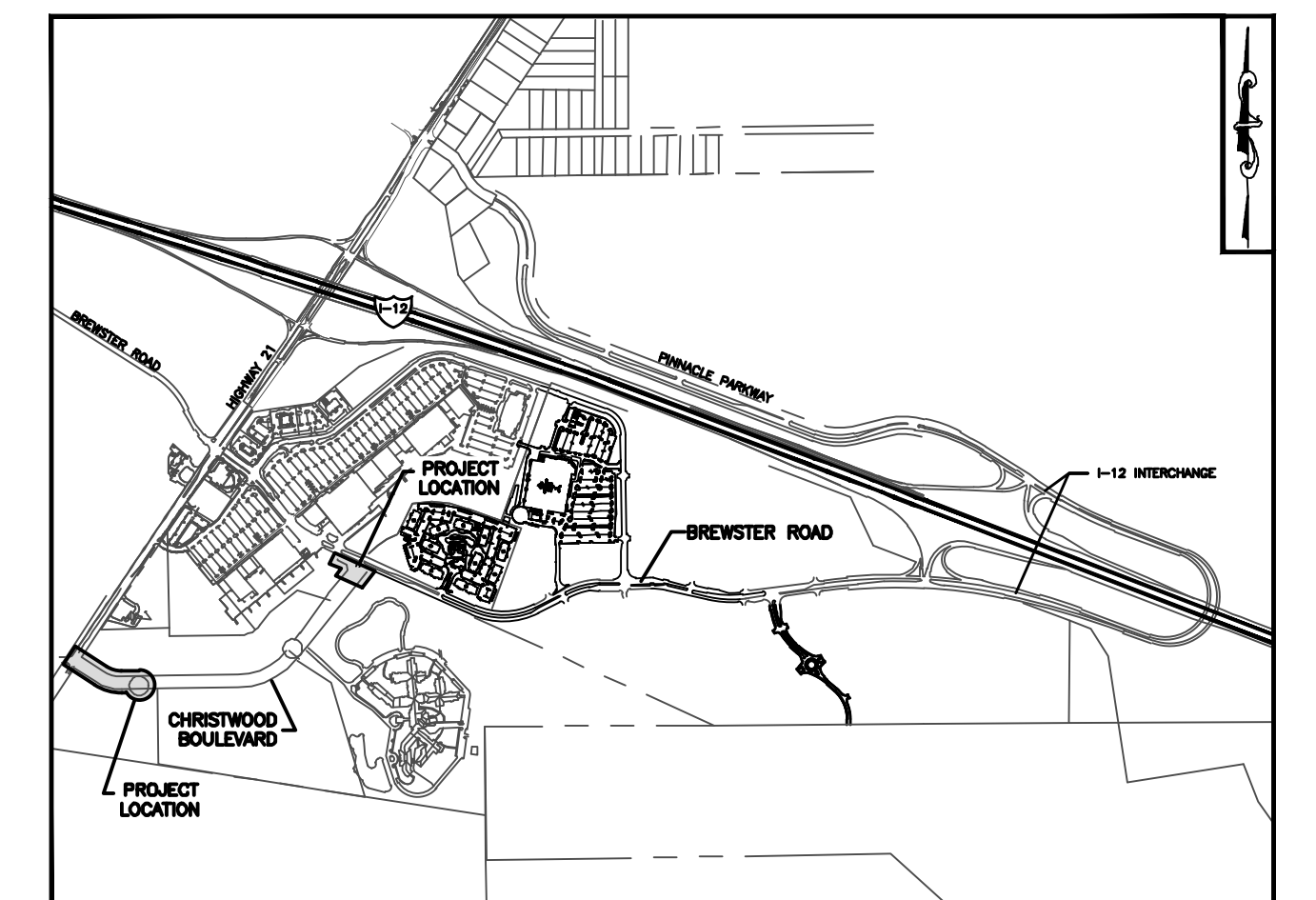


LEGEND

FOUND PROPERTY CORNER (AS NOTED)	○	ELEVATION OF TOP OF STRUCTURE	TOP = 18.00
EXISTING POWER POLE	⊗	ELEVATION OF BOTTOM OF STRUCTURE	INV. = 15.00
EXISTING POWER POLE WITH LIGHT	⊗*	EXISTING SPOT ELEVATION	X 10.63
EXISTING PARKING LOT LIGHT	⊗*	ELEVATION OF TOP OF CURB	18.50 TC
EXISTING GUY ANCHOR	→	ELEVATION OF FACE OF CURB	18.00 FC
EXISTING TELEPHONE PEDESTAL	⊞	EXISTING SEWER MANHOLE	⊙
EXISTING CABLE TV PEDESTAL	⊞	EXISTING SEWER CLEANOUT	⊙
EXISTING UNDERGROUND POWER LINE	—	EXISTING GRAVITY SEWER LINE	—
EXISTING OVERHEAD POWER LINE	—	EXISTING SEWER FORCE MAIN	—
EXISTING TELEPHONE LINE	—	EXISTING DRAINAGE MANHOLE	⊙
EXISTING CABLE TV LINE	—	EXISTING SUBSURFACE DRAINAGE	====
EXISTING GAS METER	GM ⊞	EXISTING CATCH BASIN/DROP INLET	⊞
EXISTING GAS VALVE	⊙	EXISTING FIRE HYDRANT	⊞
EXISTING GAS LINE	—	EXISTING WATER METER	WM ⊞
EXISTING BARB WIRE FENCE LINE	—	EXISTING WATER VALVE	⊙
EXISTING CHAIN LINK FENCE LINE	—	EXISTING WATER LINE	—
EXISTING WOOD FENCE LINE	—	EXISTING TERRA-COTTA PIPE	8" TC
EXISTING HIGH DENSITY POLYETHYLENE PIPE	12" HDPE	EXISTING REINFORCED CONCRETE PIPE	18" RCP
EXISTING POLYVINYL CHLORIDE PIPE	12" PVC	EXISTING CORRUGATED METAL PIPE	24" CMP

LEGEND - NEW IMPROVEMENTS

CURB AND GUTTER	—	REO'D EASEMENT LINE	---
RIGHT-OF-WAY LINE	---	WATER LINE	—
STORM PIPE	—	UNDERGROUND TELEPHONE	—
CURB INLET	⊞	UNDERGROUND ELECTRIC	—
AREA INLET	⊞	GAS LINE	—
STORM MANHOLE	⊙	WATER VALVE	⊞
FULL DEPTH ASPHALTIC PAVEMENT	▨	FIRE HYDRANT	⊞
PAVEMENT REMOVAL	▨	PIPE FITTINGS	⊞
CURB INLET WITH CONCRETE FLUME	⊞	SEWER LINE	—
SPOT GRADE	X 18.88	SEWER MANHOLE	⊙
EXISTING CURB & GUTTER TO BE REMOVED	X X X X	NEW EMPTY CONDUITS	---
PROPOSED CONTOUR	—	ELECTRIC VAULT	⊞
		ELECTRIC TRANSFORMER	⊞
		ELECTRIC PEDESTAL	⊞



NOTE:

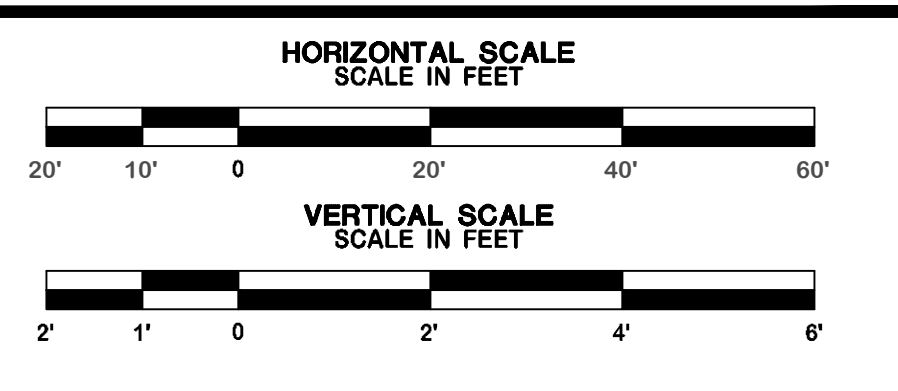
1. ALL DIMENSIONS AND OFFSETS ARE FROM FACE OF CURB UNLESS OTHERWISE NOTED.
2. SEE SHEET C-2.1 FOR GENERAL NOTES, DRAINAGE SCHEDULE, AND SANITARY SEWER SCHEDULE.
3. SEE SHEETS C-1.1 FOR TYPICAL SECTIONS.
4. SEE SHEETS C-7.1 THROUGH C-7.3 FOR PAVEMENT MARKINGS AND SIGNAGE PLANS.
5. SEE SHEETS C-9.1 THROUGH C-9.8 FOR DETAIL SHEETS.
6. CONTRACTOR SHALL FIELD VERIFY LOCATION AND INVERTS OF ALL EXISTING UNDERGROUND UTILITIES AND UTILITY STRUCTURES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

PROJECT NO.
JOB #15-340

DIRECTORY:
15-340

FILE:
C-4.3

ADDENDUM 1 - ADDED NOTE	PAW	
DATE	DESCRIPTION	BY
	REVISION	



STAMP

STATE OF LOUISIANA

THOMAS H. BUCKEL
License No. 31022
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

SIGNATURE: *Thomas H. Buckel*

DATE: 5/21/18

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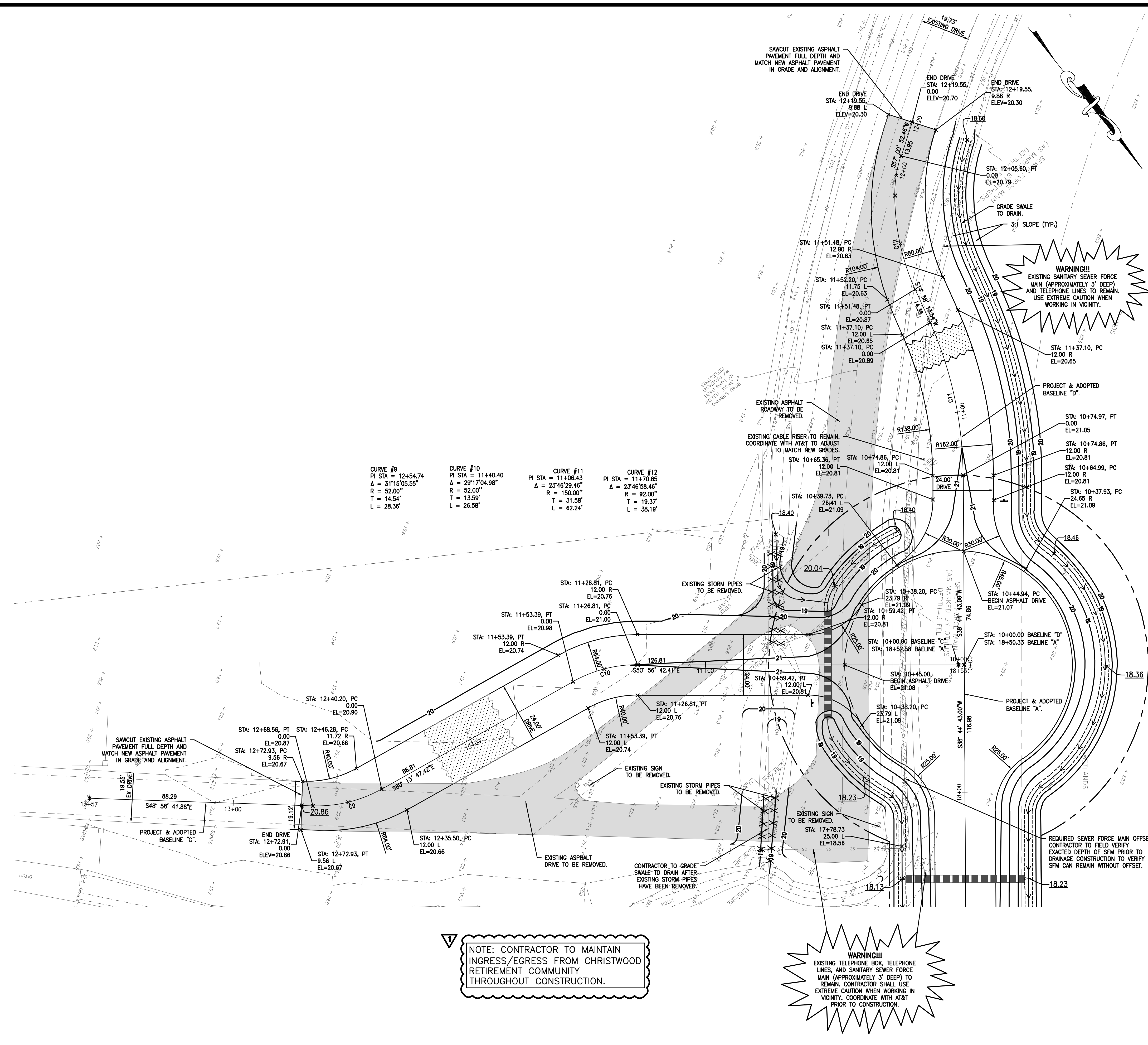
DESIGNED: PAW DATE ISSUED: 1-30-18
CHECKED: PAW ISSUED FOR: PERMITTING

OWNER: ST. TAMMANY PARISH

PROJECT: CHRISTWOOD BLVD EXT.
COVINGTON, LA
ST. TAMMANY PARISH

TITLE: PLAN SHEET - BREWSTER ROAD RIGHT TURN LANE
CHRISTWOOD BLVD CUL-DE-SAC

SHEET
C-4.3



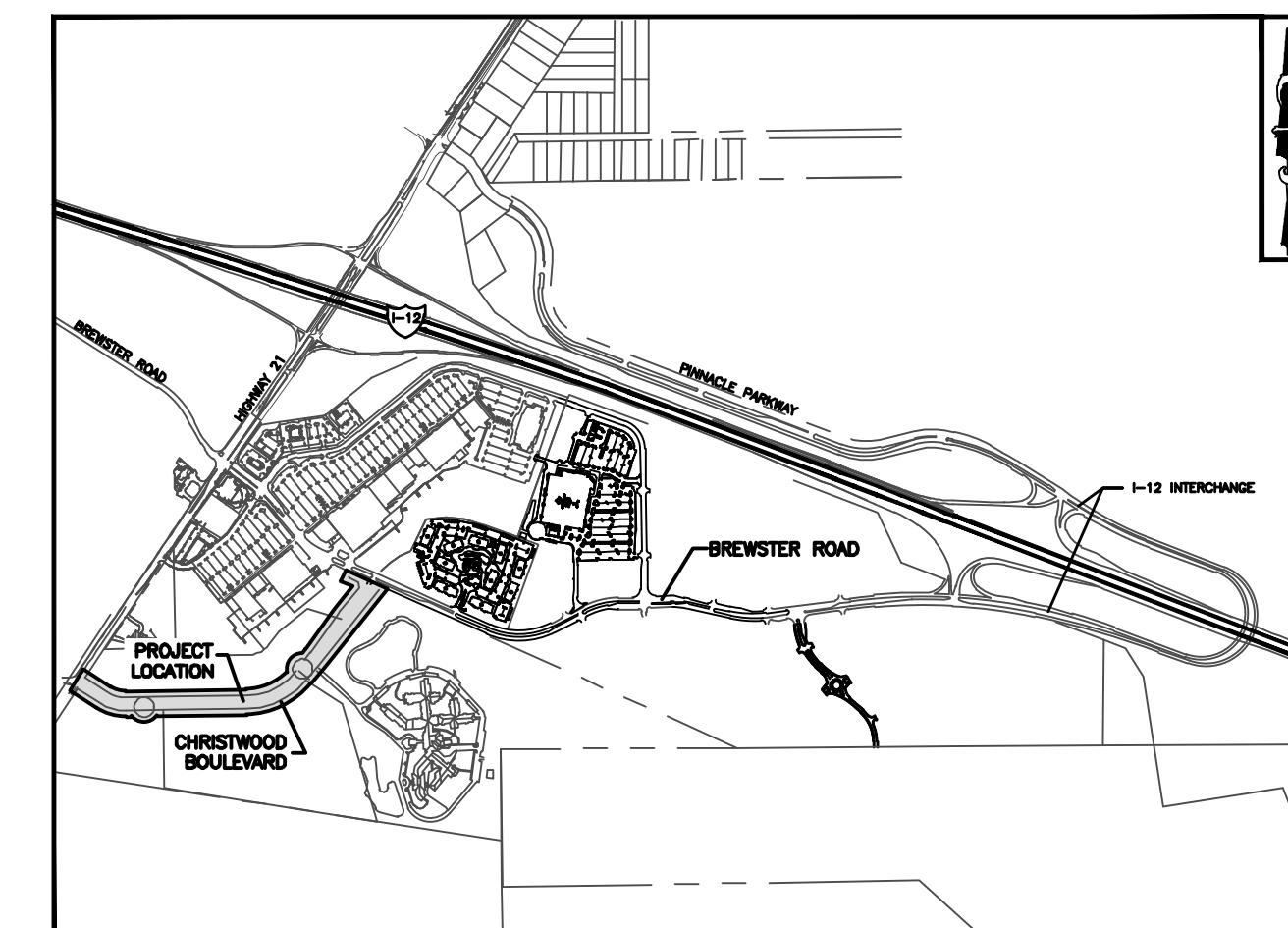
CURVE #9 PI STA = 12+54.74 Δ = 31°15'05.55" R = 52.00' T = 14.54' L = 28.36'	CURVE #10 PI STA = 11+40.40 Δ = 29°17'04.98" R = 52.00' T = 13.59' L = 26.58'	CURVE #11 PI STA = 11+06.43 Δ = 23°46'29.46" R = 150.00' T = 31.58' L = 62.24'	CURVE #12 PI STA = 11+06.43 Δ = 23°46'58.46" R = 92.00' T = 19.37' L = 38.19'
--	---	--	---

LEGEND

FOUND PROPERTY CORNER (AS NOTED)	○	ELEVATION OF TOP OF STRUCTURE	TOP = 18.00
EXISTING POWER POLE	⊗	ELEVATION OF BOTTOM OF STRUCTURE	INV. = 15.00
EXISTING POWER POLE WITH LIGHT	⊗*	EXISTING SPOT ELEVATION	X 10.63
EXISTING PARKING LOT LIGHT	⊗*	ELEVATION OF TOP OF CURB	18.50 TC
EXISTING GUY ANCHOR	→	ELEVATION OF FACE OF CURB	18.00 FC
EXISTING TELEPHONE PEDESTAL	⊞	EXISTING SEWER MANHOLE	⊞
EXISTING CABLE TV PEDESTAL	⊞	EXISTING SEWER CLEANOUT	⊞
EXISTING UNDERGROUND POWER LINE	—	EXISTING GRAVITY SEWER LINE	—
EXISTING OVERHEAD POWER LINE	—	EXISTING SEWER FORCE MAIN	—
EXISTING TELEPHONE LINE	—	EXISTING DRAINAGE MANHOLE	⊞
EXISTING CABLE TV LINE	—	EXISTING SUBSURFACE DRAINAGE	=====
EXISTING GAS METER	⊞	EXISTING CATCH BASIN/DROP INLET	⊞
EXISTING GAS VALVE	⊞	EXISTING FIRE HYDRANT	⊞
EXISTING GAS LINE	—	EXISTING WATER METER	⊞
EXISTING BARB WIRE FENCE LINE	—	EXISTING WATER VALVE	⊞
EXISTING CHAIN LINK FENCE LINE	—	EXISTING WATER LINE	—
EXISTING WOOD FENCE LINE	—	EXISTING TERRA-COTTA PIPE	8" TC
EXISTING HIGH DENSITY POLYETHYLENE PIPE	12" HDPE	EXISTING REINFORCED CONCRETE PIPE	18" RCP
EXISTING POLYVINYL CHLORIDE PIPE	12" PVC	EXISTING CORRUGATED METAL PIPE	24" CMP

LEGEND - NEW IMPROVEMENTS

CURB AND GUTTER	—	REQ'D EASEMENT LINE	---
RIGHT-OF-WAY LINE	---	WATER LINE	—
STORM PIPE	—	UNDERGROUND TELEPHONE	—
CURB INLET	⊞	UNDERGROUND ELECTRIC	—
AREA INLET	⊞	GAS LINE	—
STORM MANHOLE	⊞	WATER VALVE	⊞
FULL DEPTH ASPHALTIC PAVEMENT	⊞	FIRE HYDRANT	⊞
PAVEMENT REMOVAL	⊞	PIPE FITTINGS	⊞
CURB INLET WITH CONCRETE FLUME	⊞	SEWER LINE	—
SPOT GRADE	X 18.88	SEWER MANHOLE	⊞
EXISTING CURB & GUTTER TO BE REMOVED	—	NEW EMPTY CONDUITS	—
PROPOSED CONTOUR	—	ELECTRIC VAULT	⊞
		ELECTRIC TRANSFORMER	⊞
		ELECTRIC PEDESTAL	⊞



KEY MAP
NTS

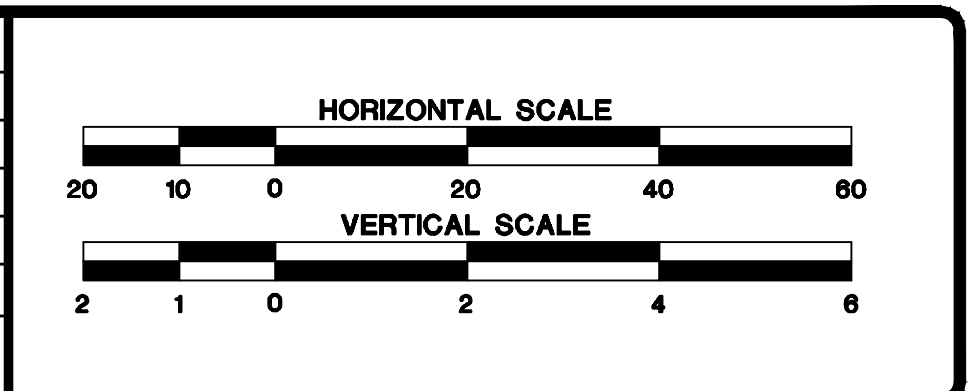
- NOTE:**
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 2. SEE SHEET C-2.2 FOR GENERAL NOTES, DRAINAGE SCHEDULE, AND SANITARY SEWER SCHEDULE.
 3. SEE SHEETS C-1.1 THROUGH C-1.4 FOR TYPICAL SECTIONS.
 4. SEE SHEETS C-4.6 THROUGH C-4.11 FOR UTILITY PLANS AND PROFILES.
 5. SEE SHEETS C-7.1 THROUGH C-7.4 FOR PAVEMENT MARKINGS AND SIGNAGE PLANS.
 6. SEE SHEETS C-9.1 THROUGH C-9.8 FOR DETAIL SHEETS.
 7. CONTRACTOR SHALL FIELD VERIFY LOCATION AND INVERTS OF ALL EXISTING UNDERGROUND UTILITIES AND UTILITY STRUCTURES PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY DISCREPANCIES.

NOTE: CONTRACTOR TO MAINTAIN INGRESS/EGRESS FROM CHRISTWOOD RETIREMENT COMMUNITY THROUGHOUT CONSTRUCTION.

WARNING!!!
EXISTING TELEPHONE BOX, TELEPHONE LINES, AND SANITARY SEWER FORCE MAIN (APPROXIMATELY 3' DEEP) TO REMAIN. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN VICINITY. COORDINATE WITH AT&T PRIOR TO CONSTRUCTION.

PROJECT NO. JOB #15-340
DIRECTORY: 15-340
FILE: C-4.4

ADDENDUM 1 - ADDED NOTE	PAW	
DATE	DESCRIPTION	BY
	REVISION	



STAMP

THOMAS H. BUCKEL
License No. 31022
PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING

Thomas H. Buckel
SIGNATURE

5/21/18
DATE

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THIBODAUX \ COVINGTON
HOUSTON \ BATON ROUGE \ HOUMA

DESIGNED: PAW
CHECKED: PAW

DATE ISSUED: 1-30-18
ISSUED FOR: PERMITTING

OWNER: ST. TAMMANY PARISH
PROJECT: CHRISTWOOD BLVD EXT. COVINGTON, LA ST. TAMMANY PARISH
TITLE: PLAN SHEET - CHRISTWOOD RETIREMENT DRIVE

SHEET C-4.4

Section 03

CHRISTWOOD BOULEVARD EXTENSION

ST. TAMMANY PARISH

DEPARTMENT OF ENGINEERING

SUPPLEMENTAL SPECIFICATIONS

ITEM NO. S-5000 EMBANKMENT MATERIAL BENEATH ROADWAY

PART 1 GENERAL

Embankment material construction shall consist of importing 12" thick embankment, including preparation of areas on which they are to be placed; placing and compacting approved materials in areas as indicated on the plans. Prior to beginning embankment operations in area, all necessary clearing, grubbing, and excavation shall have been completed. Prior to any embankment operations in an area, all corresponding roadside ditches shall be cut to facilitate drainage in that area. Adequate drainage shall be included prior to and during embankment operations.

PART 2 MATERIALS

Embankment material beneath roadway shall be free from organics and other deleterious materials and consist of sandy clays, clayey or silty sands having a maximum liquid limit of 40 and a maximum plasticity index of 20; and shall be placed in uniform layers not exceeding 8 inches of uncompacted thickness. Each layer shall be placed for the full width of embankment. The initial lift shall be adequately keyed into the stripped subgrade soils. Each layer shall be compacted to within one percentage point below to three percentage points above the optimum moisture content. If water must be added, it shall be uniformly applied and thoroughly mixed into the soil by disking or scarifying. The embankment material shall be compacted to at least 95 percent of the maximum dry density as determined by ASTM D698 Standard Proctor.

When obliteration of old roadways is required, it shall include grading operations necessary to satisfactorily incorporate the old roadway into the new roadway and surroundings in order to provide a pleasing appearance and to allow drainage.

When preparing surface layers on which the embankment or base is to be placed, the engineer will require the contractor to attempt all normal earthwork construction methods before undercutting or modifying the soil with additives. Such construction methods may include, but are not limited to, the following and will be at no direct pay:

- a) Draining and drying of the surface until the material is within the limits of optimum moisture before compaction is attempted.
- b) Using lighter construction equipment for manipulating, disking, drying and compacting the material.
- c) Dumping successive loads of material in a uniformly distributed layer of a thickness necessary to support equipment while placing subsequent layers.

Section 03

- d) Rerouting heavy construction equipment around the area until the embankment can support the equipment without damage to foundation soils.

Unstable materials shall be removed by undercutting, unless otherwise directed, and backfilled to required section with usable soils as directed.

When undercutting is required, the contractor shall conduct the operations in such manner that the engineer can make necessary measurement before backfill is placed.

When a new roadway is to be constructed on an existing roadbed, and the surface of the existing roadbed is within 2 feet (0.6m) of finished subgrade, the existing roadbed shall be scarified full width to a depth of not less than 9 inches (230 mm) and recompacted in accordance with this subsection.

PART 3 QUALITY CONTROL

The contractor shall locate, select, and place material conforming to specification requirements. The contractor shall control his processes, including performing tests and making adjustments as necessary, to result in a uniform quality product meeting all the requirements of the plans and specifications. Tests for in-place moisture content shall be performed by the contractor in accordance with DOTD TR 403, at a frequency that will ensure that the material is within the tolerances of optimum moisture. Tests for in-place density shall be performed by the contractor in accordance with DOTD TR 401 at a frequency that will ensure that the compactive effort is producing a uniform product that conforms to specification requirements. The contractor shall control placement and finishing to ensure conformance with the lines, grades, thickness, and typical cross-sections shown on the plans or established. Obviously deficient areas shall be corrected prior to acceptance testing.

PART 4 METHOD OF MEASUREMENT

Measurement of this item will be based on "In Place" square yard as shown on the plans.

PART 5 PAYMENT

Payment for embankment material beneath roadway will be made at the contract unit price per square yard, which includes furnishing equipment, labor, and materials necessary to complete the items for "embankment material beneath roadway".

No direct payment will be made for constructing haul road, stockpiling and rehandling of materials; precautionary measures to protect private property and utilities; furnishing necessary water and watering equipment; or dewatering excavations receiving embankment material.

Payment will be made under:

S-5000 "Embankment Material Beneath Roadway"



**COST ESTIMATE
TO: DUPLANTIS DESIGN GROUP
FOR: RELOCATION OF CLECO FACILITIES
ALONG EAST BREWSTER RD**

**Job Name: Christwood Blvd Extension - Pole Relocation
Route: E Brewster Rd
Parish: St. Tammany**

Cleco Power LLC
1530 Dove Park Rd.
Mandeville, LA 70421-1121

STATEMENT OF WORK

WORK TO BE PERFORMED

CLECO POWER, LLC PROPOSES TO RELOCATE THE 60FT DOUBLE CIRCUIT POLE THAT INTERFERES WITH THE ENTRANCE OF THE PROPOSED CHRISTWOOD BLVD EXTENSION.

MANNER IN WHICH WORK WILL BE PERFORMED

COMPANY PERSONNEL OR A CONTRACTOR HIRED BY CLECO WILL PERFORM THE WORK.

COMPLETION DATE

WE EXPECT THIS PROJECT TO BE COMPLETED WITHIN **3** WORKING DAYS FROM DATE CLECO'S CONSTRUCTION BEGINS.

SALVAGE VALUE

NO FACILITIES WILL BE SALVAGED

COMPOSITE RECAP

ESTIMATED COST OF MATERIAL (S10, SL0)	\$2,100
ESTIMATED COST OF CONSTRUCTION LABOR (P00, PL0, PLC)	\$2,700
ESTIMATED COST OF SURVEYING AND ENGINEERING (OSS)	\$0
ESTIMATED COST OF RIGHT-OF-WAY ACQUISITION	\$0
ESTIMATED COST OF RIGHT-OF-WAY CLEARING	\$0
ESTIMATED COST OF CLECO ADMINISTRATIVE OVERHEADS (LAG,LEN)	\$2,700
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COMPOSITE SUMMARY OF ESTIMATE	\$7,500

ALLOWANCE FOR REVENUE	\$0
CUSTOMER REQUIRED CONTRIBUTION	\$7,500

