

2014-0280

CBI

Lafourche Basin Levee District Board of Commissioners

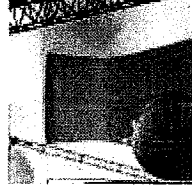
November 4, 2015



A World of Solutions

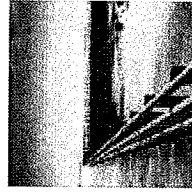
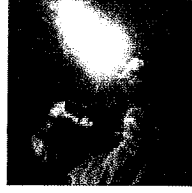
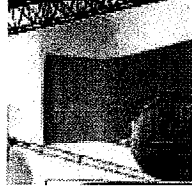
Recent Progress & Milestones

- Completed Wetland Field Investigations for all reaches in St. Charles:
 - Willowridge
 - Ellington Plantation
 - Magnolia Ridge
 - Sunset Drainage District
- Alternatives & Justification Analysis 90% Complete
- Scenic Rivers Application Draft 100 % Complete
- Permit Drawings 70% Complete



Next Steps

- Draft Hydrologic Modification Impact Analysis (HMIA) for DNR Coastal Use Permit Application
- Analyze Impacts and Mitigation Requirements
- Compare Impacts to new LRAM calculations
- Finalize Permit Drawings & NAJ Analysis
- Submit Permit
- Respond to Agency Comments



2014-0280

Hurricane Protection Projects Committee Meeting Presentation

November 5, 2015

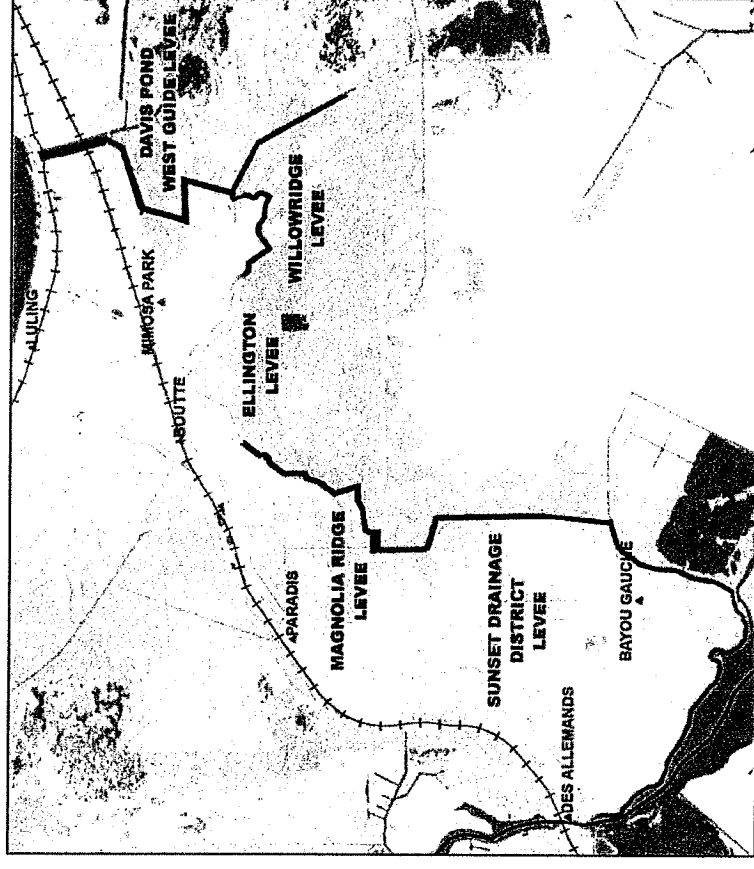


FLORIDA DEPARTMENT OF
TRANSPORTATION
FDOT



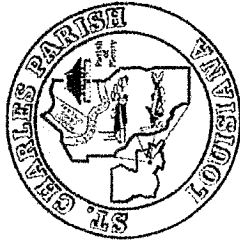
West Bank Levee Overview

- Outer Levee System
 - Davis Pond Guide Levee
 - Willowridge Levee
 - Ellington Levee
 - Magnolia Ridge Levee
 - Sunset Levee



- The State/CPRA had a favorable analysis of the Hwy. 90 alignment. They determined that for every \$1 of cost, there would be \$2.30 of benefits.





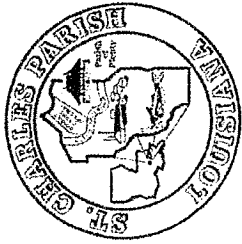
Willowridge Phase I

Scarifying the surface and slopes in prep for the seed/fert.



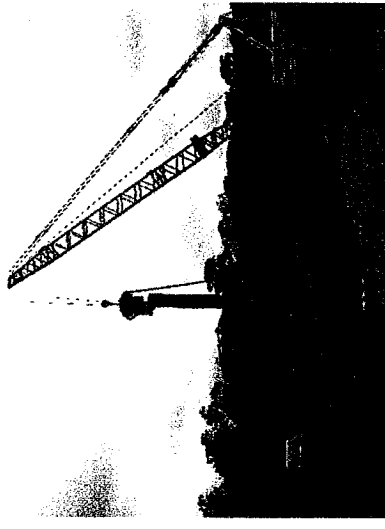
- Willowridge Phase I was deemed substantially complete on July 16, 2015.
- The contractor has submitted as-built drawings and final pay application.
- Once re-seeding has been completed, the Certificate of Final Acceptance will be issued and final invoice will be paid.



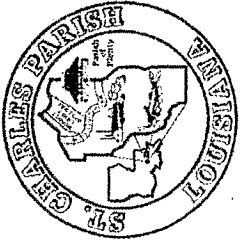


Willowridge Phase II

- The Notice to Proceed for Sea Level Construction for the construction of the the Willowridge 300cfs Pump Station was effective on August 18, 2015.
- Trailers and the crane have been mobilized to the site. The contractor has driven test piles and reaction piles.
- The water meter has been installed. Sheet piles for the cofferdam have been delivered.



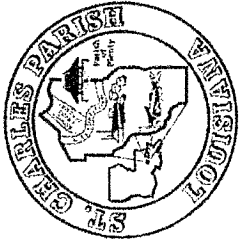
11



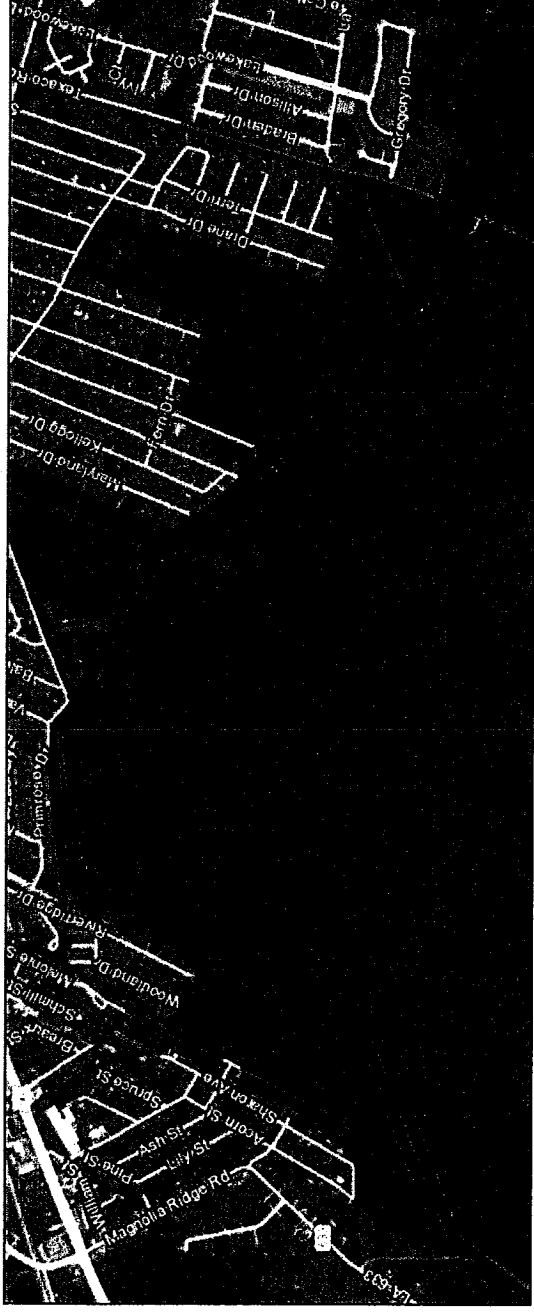
Willowridge Phase III



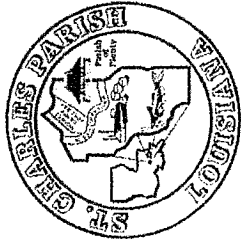
- Scope includes 1,500 feet of levee at elevation +7.5 and +14.5 T-Wall frontal protection at the Willowdale PS
 - Sea Level Construction from Thibodeaux, LA was the low bidder with a bid of \$7,440,1710.
- Notice to Proceed was issued effective October 20, 2015.
 - The Contractor has begun limited clearing in order to begin the construction layout and establishment of project limits.



Ellington Phase I

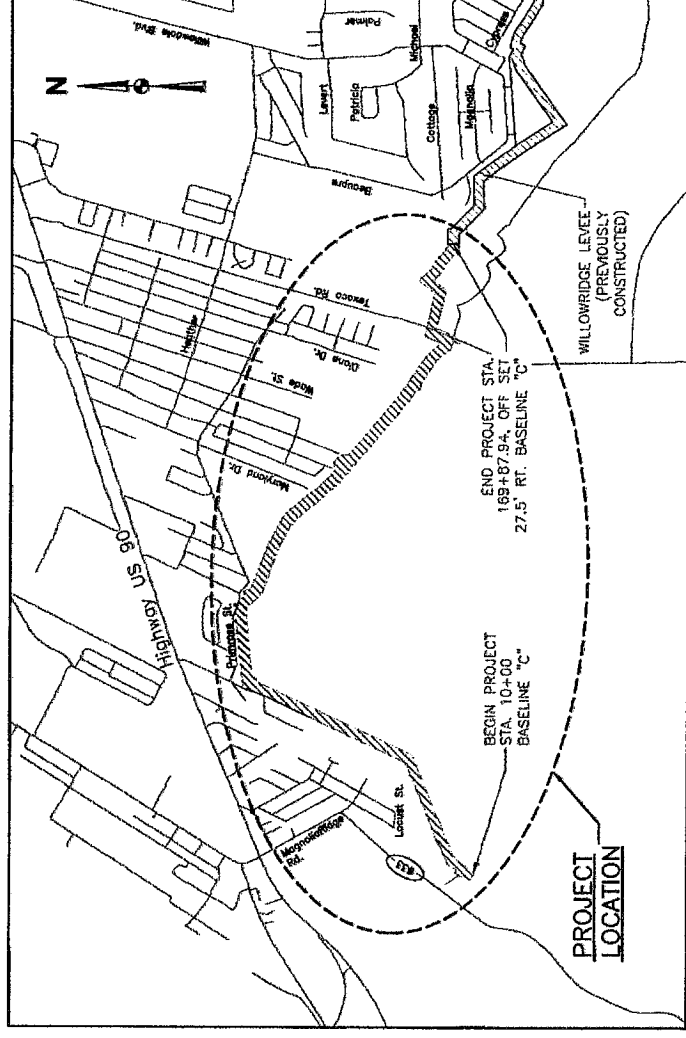


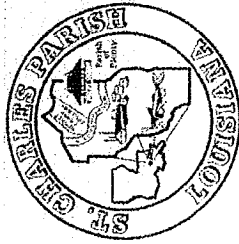
- The Scope of this earthen levee project will be basic levee preparation – Clearing and Grubbing, installation of outer dewatering berm, dewatering the entire right-of-way and levee footprint.
- Additionally, work will comprise excavation of the drainage canal, construction of approximately 10,600 lf of the levee and roadway.



Ellington Phase I Bid

- Project advertisement began on September 17, 2015 and bids were opened on October 19, 2015.
- The lowest responsive bidder was Cycle Construction, with a bid in the amount of \$8,478,497. The Council will vote to award the contract to Cycle Construction at the November 16th meeting.

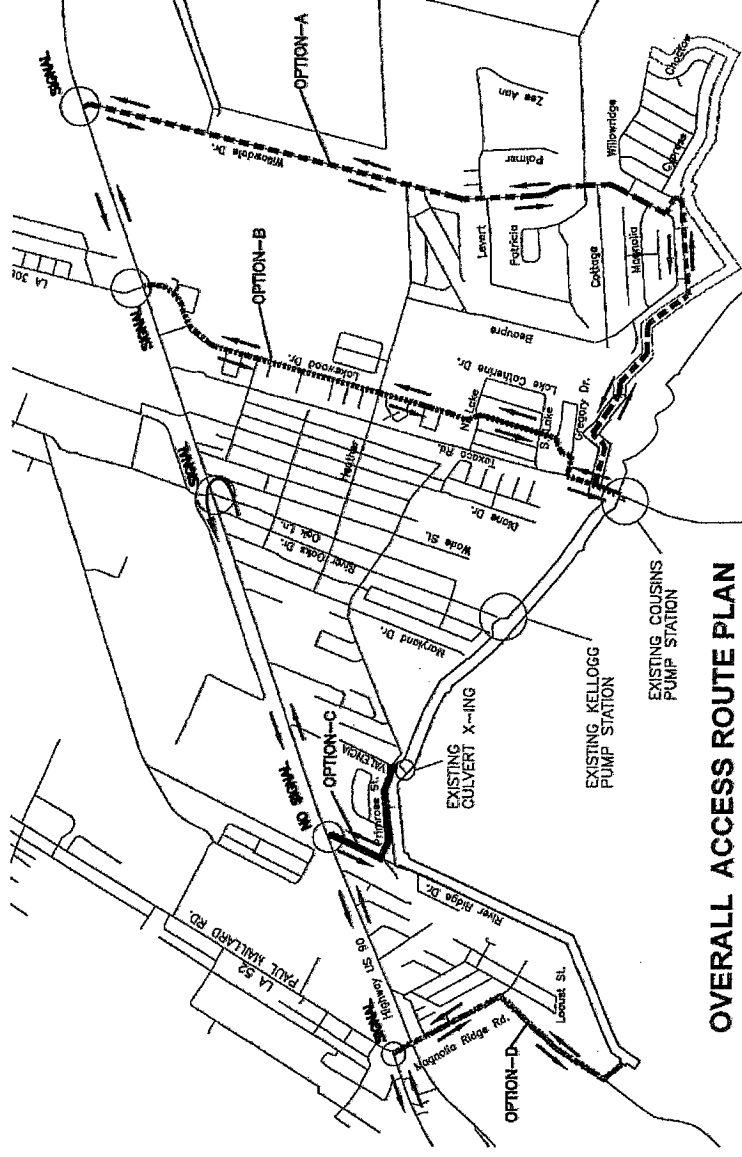




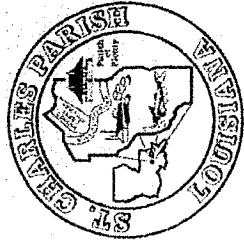
Ellington Phase I Access

The Contractor will be given four (4) options for access to the Ellington Phase I Project Site:

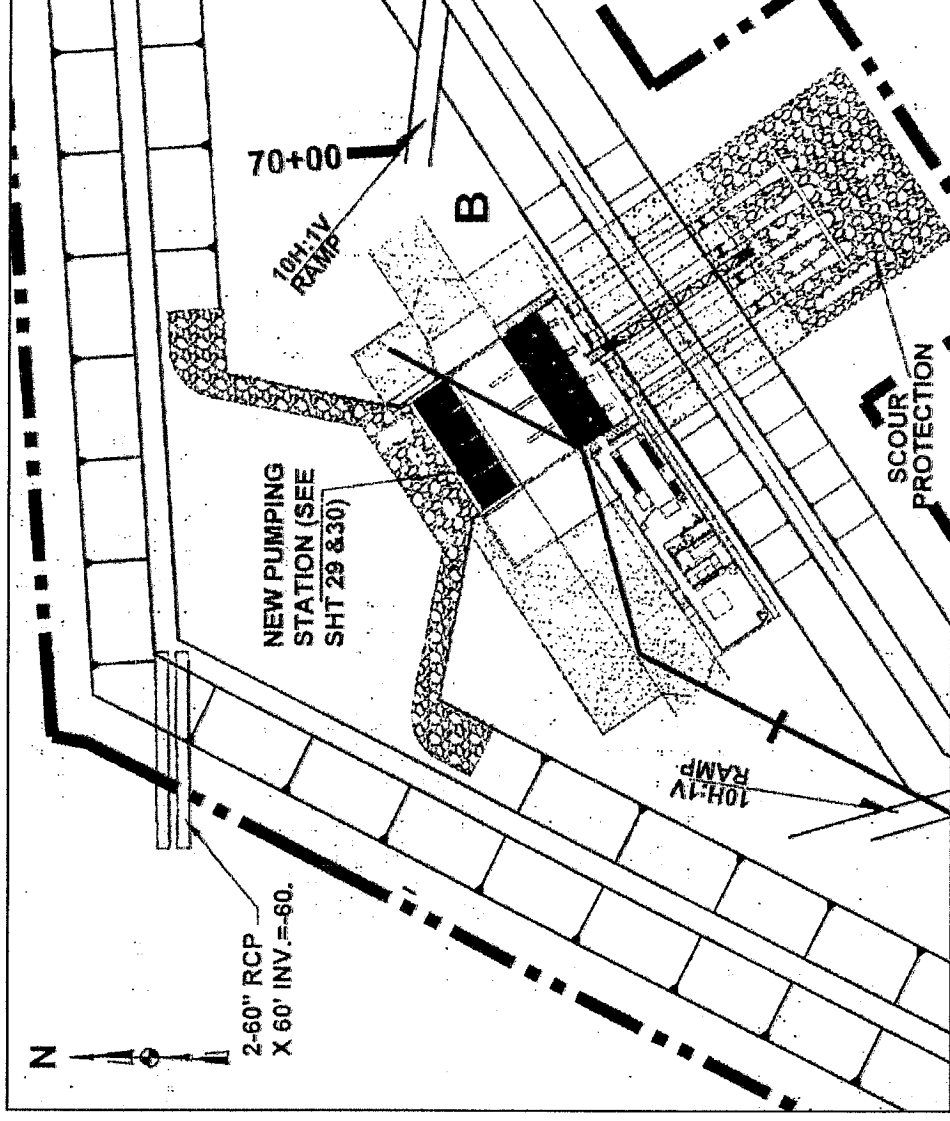
- **Option A:** from Hwy 90, follow Willowdale Drive to Lafayette Drive to Levee Access Maintenance Road to Texaco Road to Cousins Pump Station
- **Option B:** from Hwy 90, follow Lakewood Drive to Gregory Drive to Texaco Road to Cousins Pump Station
- **Option C:** from Hwy 90, follow River Ridge Drive to Primrose Street to Valencia Drive
- **Option D:** from Hwy 90, follow Magnolia Ridge Road to existing Shell Road



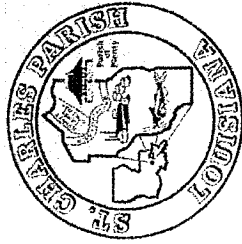
OVERALL ACCESS ROUTE PLAN



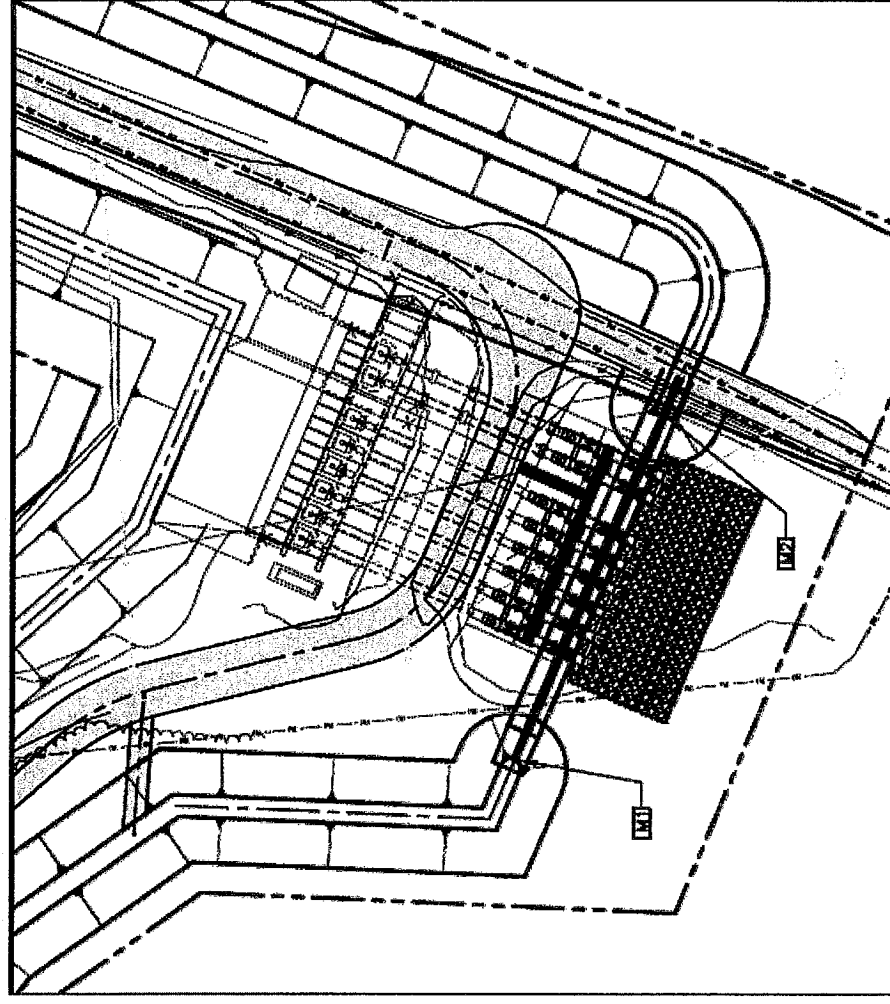
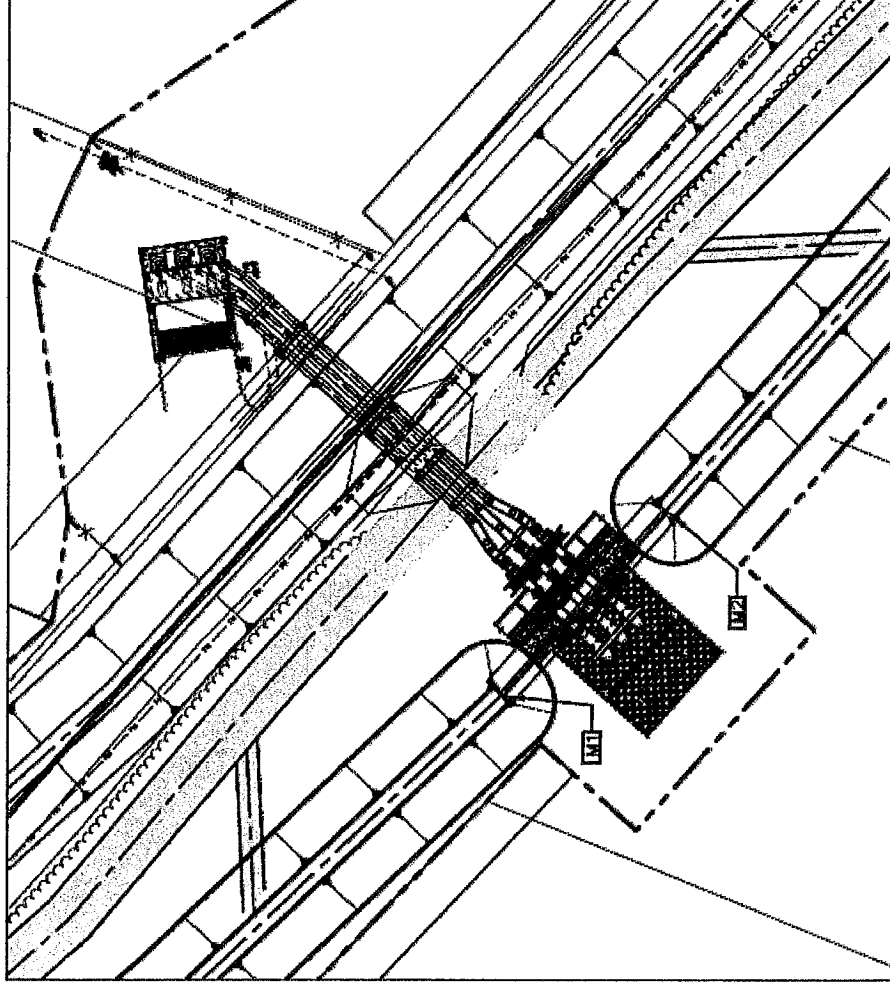
500cfs Ellington PS



- 90% Final design documents for the Ellington Pump Station have been submitted to the Parish for review.

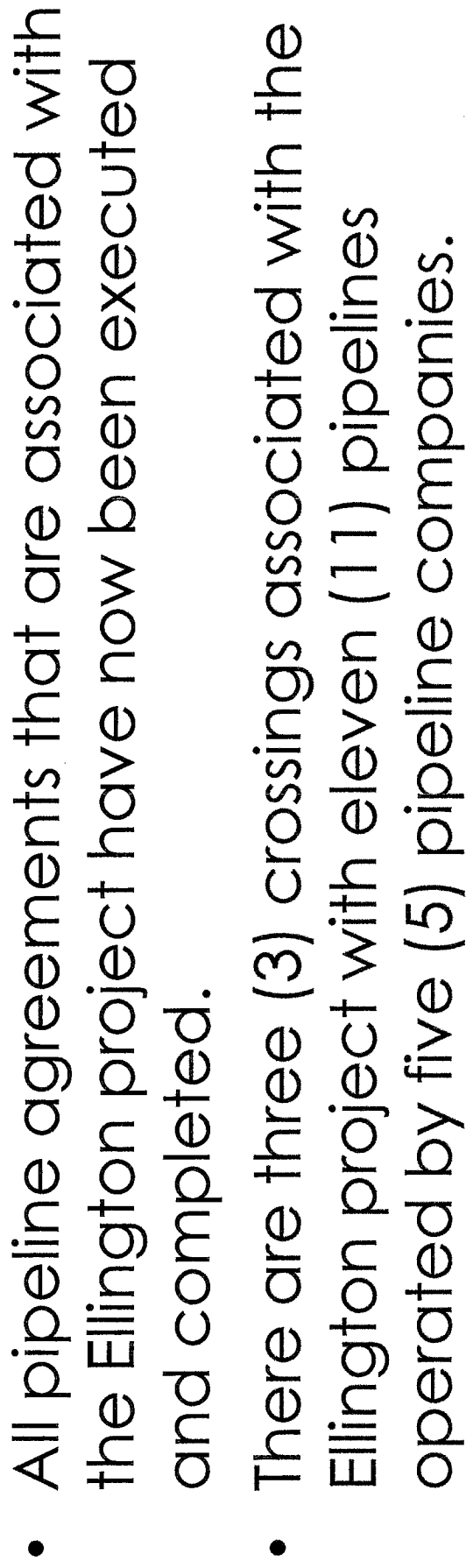


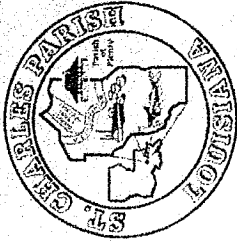
Pump Station Frontal Protection



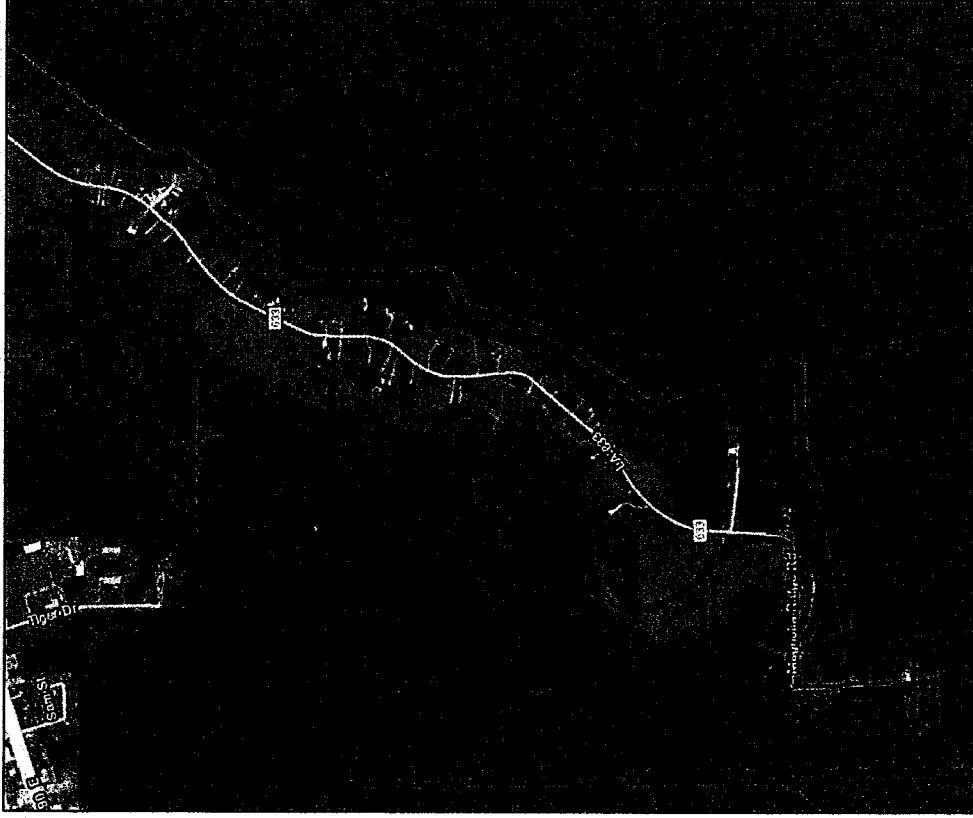
- The 90% Final submittal of the Cousins and Kellogg Pump Station T-Wall Structures has been completed and submitted by the Engineer for Parish review.

ST. CHARLES PARISH

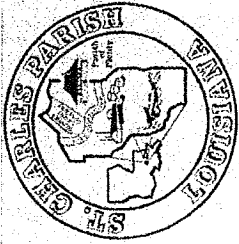




Magnolia Ridge Levee

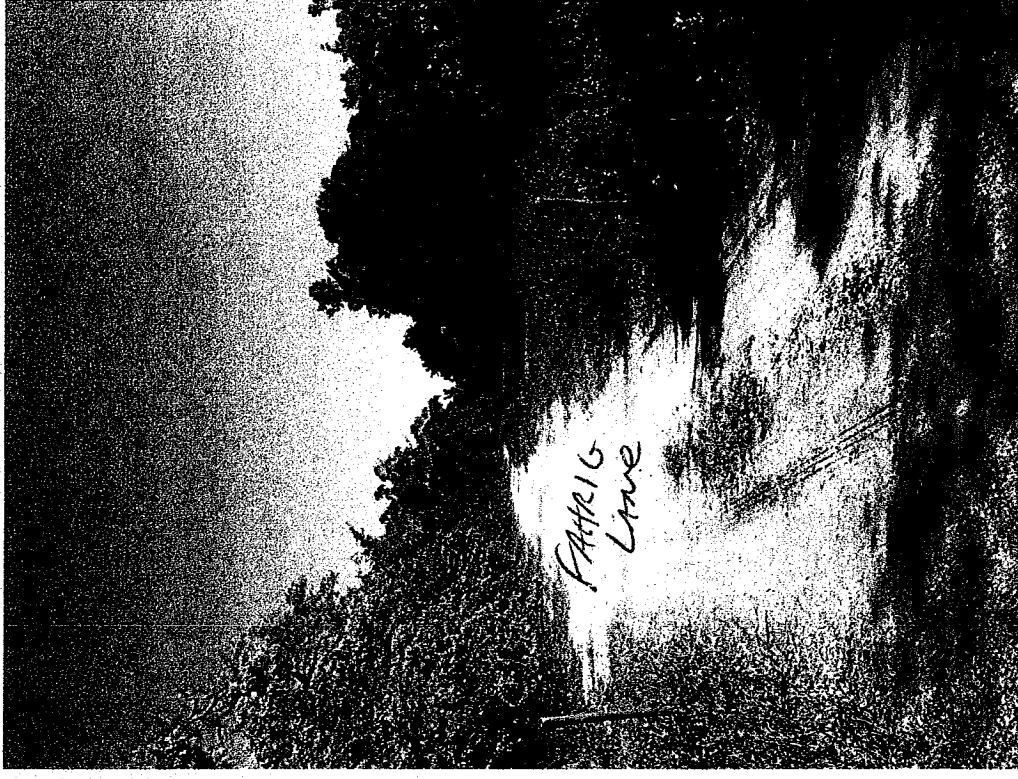


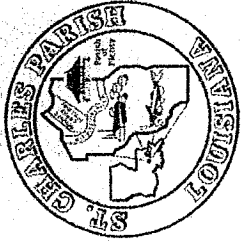
- Soil boring field work has been completed, lab testing is completed, and engineering analysis is ongoing. The topographic survey field work is complete, and a final survey submittal has been provided to the Parish and the Engineer.
- The preliminary design of the levee improvements has been submitted to Public Works for review.
- The final design of the Magnolia Ridge Pump Station is 90% complete, and construction documents have been submitted to Public Works for review.
- The Preliminary Design of the Paradis Canal Control structure has been submitted to the Parish for review.



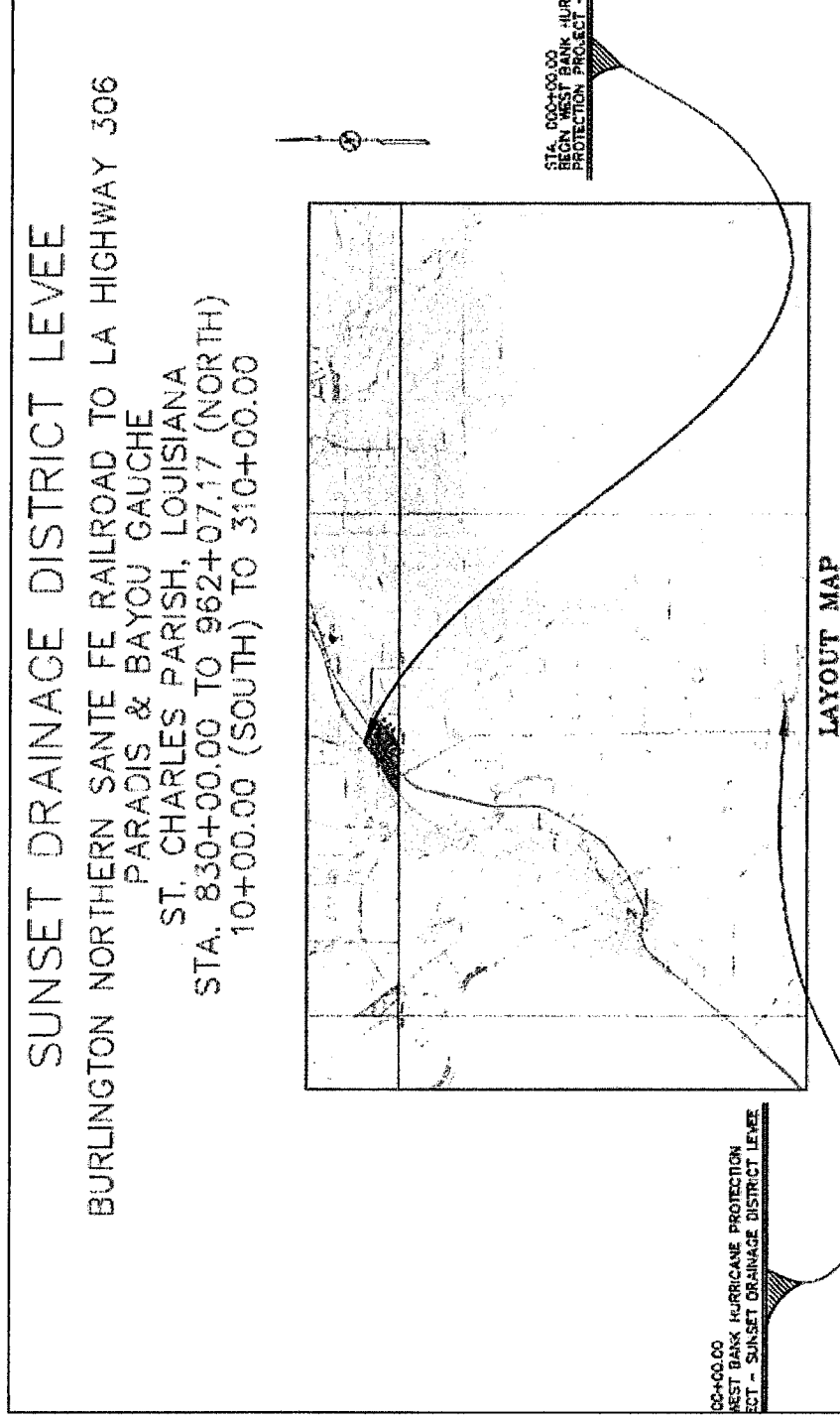
Magnolia Ridge Access Road

- A Joint Coastal Use Permit Application was submitted on April 21, 2015 to widen the access road to the Magnolia Ridge Pump Station site.
- Included in the scope of work is the extension of overhead power lines to service the pump station.
- GCR has approached two (2) property owners regarding utility servitudes necessary to relocate and extend the utilities to the pump station site.

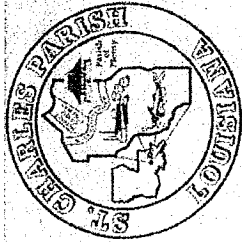




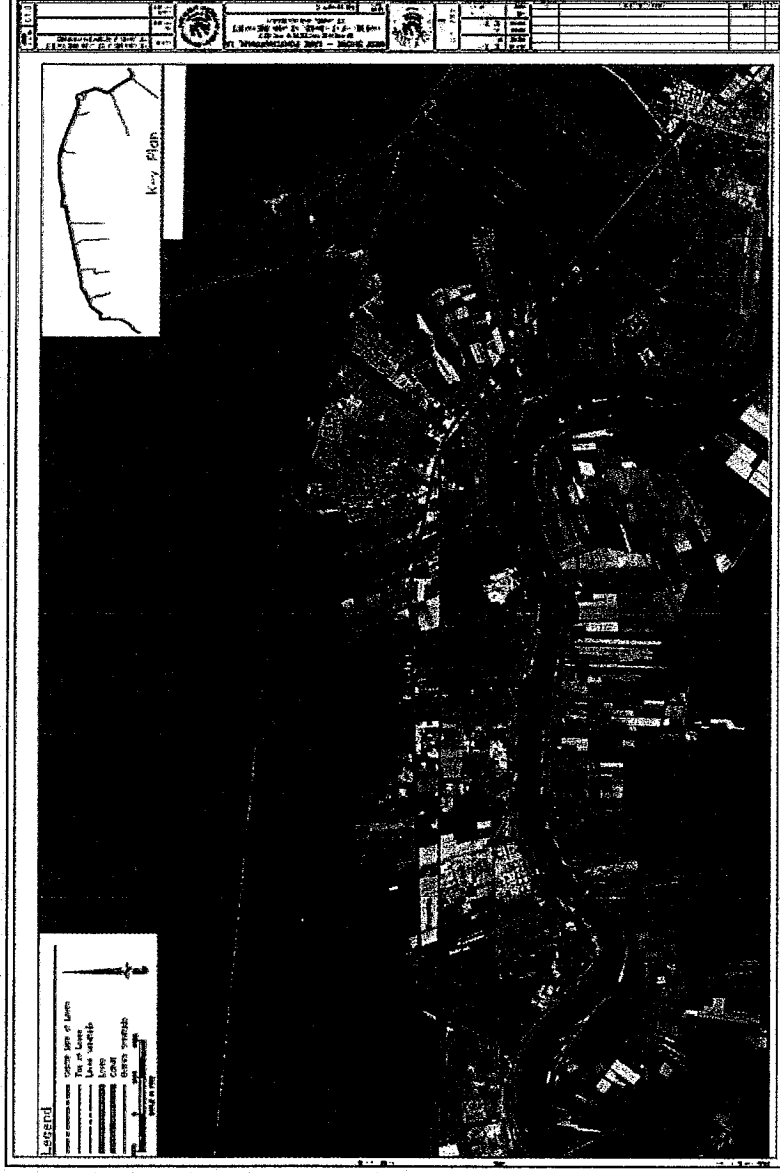
Sunset Drainage District Levee



- Sunset Drainage District Levee will be covered in the LAMP Presentation.



West Shore Lake Pontchartrain Feasibility Study (Montz, LA)



- Approved by Civil Works Review Board on December 19, 2014
- Commander of the USACE New Orleans District issued the “Chief’s Report” to request funding through US Congress on June 12, 2015.

11
ST. CHARLES PARISH

2014-0280

LAFOURCHE BASIN LEVEE DISTRICT
AND
PARISH OF ST. CHARLES

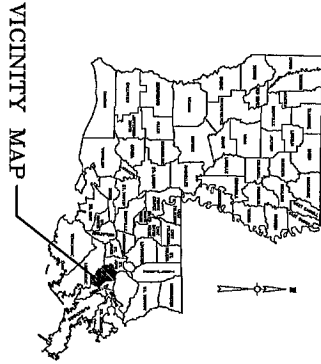
RIGHT OF WAY MAP

WEST BANK HURRICANE
PROTECTION LEVEE

SUNSET DRAINAGE DISTRICT LEVEE

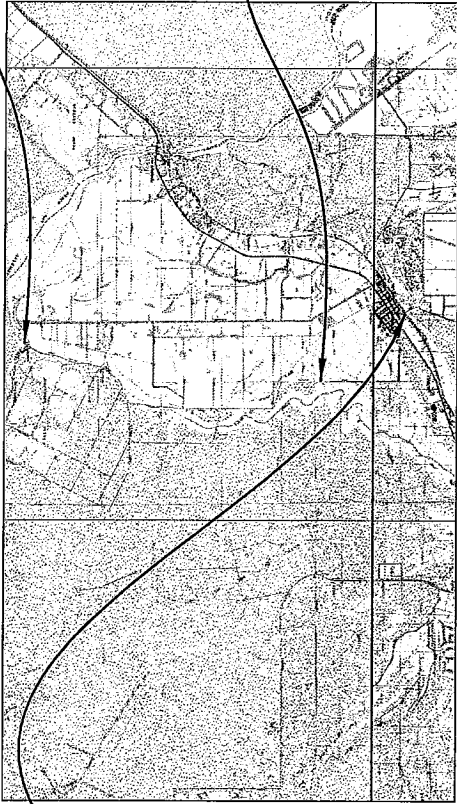
BURLINGTON NORTHERN SANTE FE RAILROAD TO LA HIGHWAY 306

PARADIS & BAYOU GAUCHE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+07.17 (NORTH)
10+00.00 (SOUTH) TO 310+00.00



STATION BREAK
STA. 962+07.17 (END NORTH SECTION)
STA. 10+00.00 (BEGIN SOUTH SECTION)

STA. 310+00.00
END WEST BANK HURRICANE PROTECTION
PROJECT - SUNSET DRAINAGE DISTRICT LEVEE
(SOUTH SECTION)



SCALE: 1 INCH = 5000 FEET
SCALE IN FEET

STA. 830+00.00
BEGIN WEST BANK HURRICANE
PROTECTION PROJECT - SUNSET DRAINAGE DISTRICT LEVEE
(NORTH SECTION)

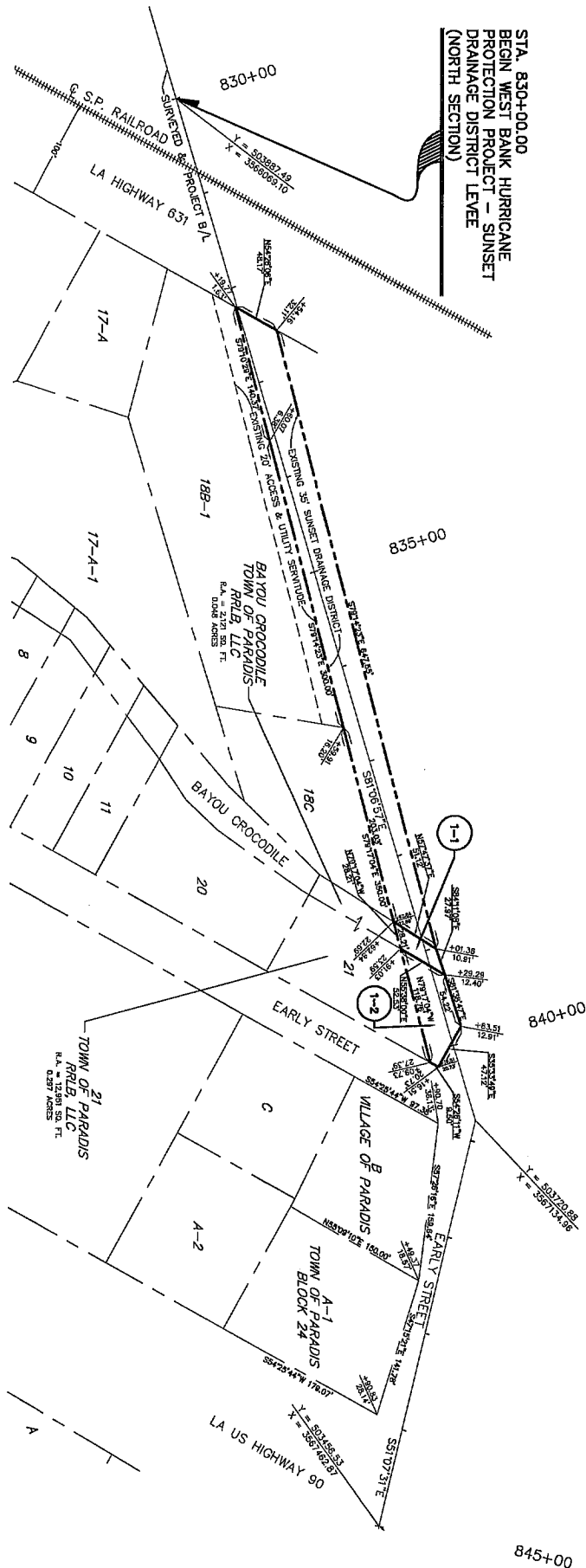
DATE	DESCRIPTION

RSC DWG NO.: 11553_W02206_RSC_TITLE

2014-0280

SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S R 20 E
SECTIONS 37, 38 & 39

STA. 830+00.00
BEGIN WEST BANK HURRICANE
PROTECTION PROJECT - SUNSET
DRAINAGE DISTRICT LEVEE
(NORTH SECTION)



LEGEND

- REQUIRED RIGHT OF WAY LINE
- PROPERTY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SECTION LINE
- DRAINAGE SERVICE
- EXISTING SERVICE

ELEVATIONS OR COORDINATES BASED ON:
BAYOU CROCODILE
STATE/COUNTY: LA/ST. CHARLES PARISH
USSS GUIDE LULING (1992)
MAD 83 (2007) 293501.64(N) 907893.55(W) ADJUSTED
MAD 88 1.74 (METERS) 5.70 (FEET)
RETRIEVAL DATE: DECEMBER 8, 2010
BEGINNING POINT: SECTION 37 AND 38
PLANE COORDINATE SYSTEM: SOUTH ZONE
MAD 83 (2007)

PARCEL	OWNER	ACQUISITION	AREA	ESTATE TYPE
1-2	RRLB, LLC	CO.B. 797 PG. 63 ENTRY NO. 385019	0.081 AC.	SEPARATE
1-1	RRLB, LLC	CO.B. 797 PG. 70 ENTRY NO. 389020	0.022 AC.	SEPARATE
1-1	RRLB, LLC	CO.B. 642 PG. 817 ENTRY NO. 300662	0.022 AC.	SEPARATE

I CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL ROUTE
SURVEY MADE BY ME OR BY THOSE UNDER MY DIRECTION AND
CONTROLLED BY THE REQUIREMENTS OF LOUISIANA'S STANDARDS
OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS D ROUTE
SURVEY SPECIFICALLY CHAPTER 2009 - ROUTE SURVEY.

LAFOURCHE BASIN LEVEE DISTRICT
PARISH OF ST. CHARLES

RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA

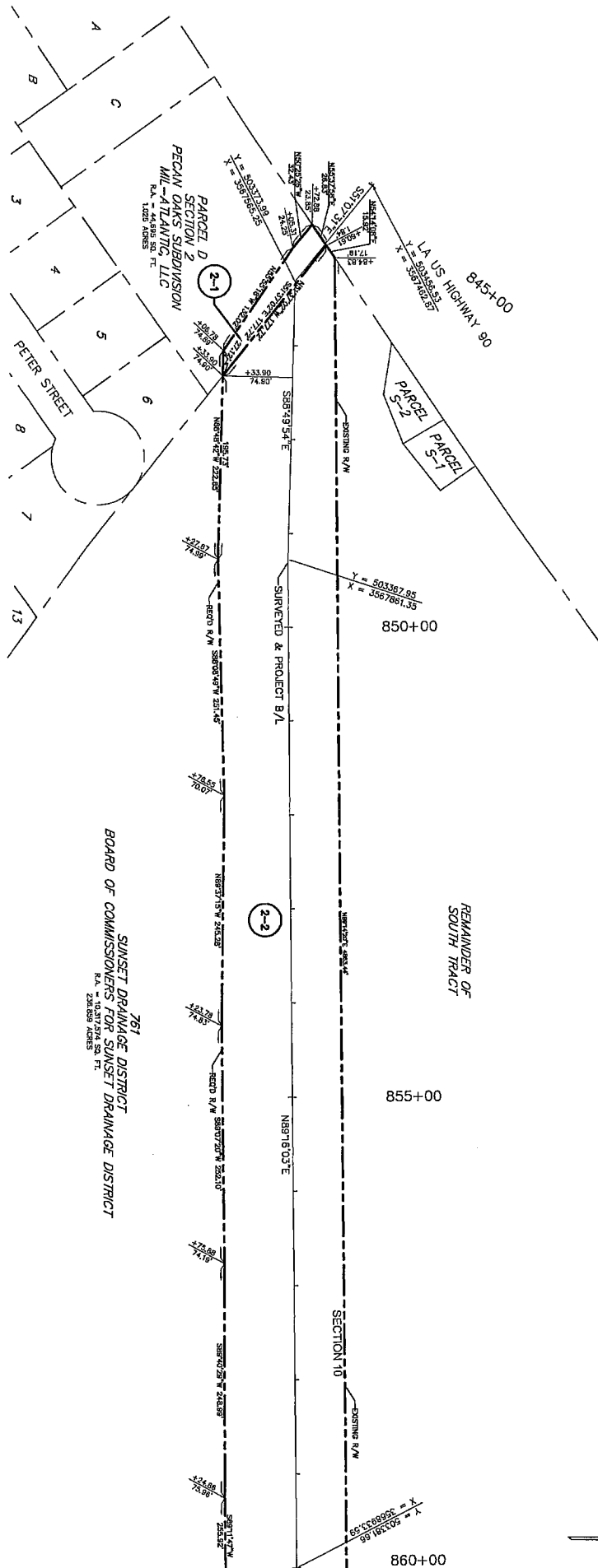
STA. 830+00.00 TO 310+00.00 (SOUTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

DATE: 10/6/2015 10:03
DRAWN BY: J.P.T.
SCALE: 1" = 60' S.S.F.
SHEET NO. 1

REGISTERED PROFESSIONAL SURVEYOR
STEPHEN P. JAMES, L.S.
NO. 10000
EXPIRATION DATE: 12/31/2018



SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
SECTION 10, 37 & 38



LEGEND

- REQUIRED RIGHT OF WAY LINE
- PROPERTY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SEPARATE LINE
- DEMANDED SERVICE
- EXISTING SERVICE

ELEVATIONS OR COORDINATES BASED ON:
DESIGNATION: BAOI SWOT
STATE: MISSISSIPPI, LA. ST. CHARLES PARISH
COUNTY: ST. CHARLES PARISH
MAD 81 (2002): 225371.47(N) 807838.57(W) ADJUSTED
GPS OBS: 2008.81
RETRIEVAL DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREON ARE GRID
BEARINGS BASED ON THE LOUISIANA STATE
GRID AND COORDINATE SYSTEM SOUTH ZONE
MAD 81 (2001).

2-2	BOARD OF COMMISSIONERS FOR SUNSET DRAINAGE DISTRICT	C.O.B. 646	P.C. 68	ENTRY NO. 302829	34,141 AC.	SERVITUDE
2-1	MIL-ATLANTIC, LLC	C.O.B. 654	P.C. 682	ENTRY NO. 310342	0.000 AC.	SERVITUDE
PARCEL	OWNER	ACQUISITION	AREA	ESTATE TYPE		

RESIDUAL ACREAGE NOTE
RESIDUAL ACREAGES SHOWN ARE CALCULATED FOR INFORMATION
PURPOSES ONLY.
THE RESIDUAL ACREAGES ARE SUBJECT TO REVIEW AND
VERIFICATION BY TITLE AND SURVEY.

LAFORCHE BASIN LEVEE DISTRICT
AND
PARISH OF ST. CHARLES
RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+02.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

DATE: 10/8/2015 10:08
DRAWN BY: L1553
SCALE: 1" = 60' S.F.S.
SHEET NO. 2

DESIGNED BY: STEPHEN R. FLYNN
CHECKED BY: L1553
DATE: 10/8/2015 10:08





LEGEND

REQUIRED RIGHT OF WAY LINE
PROPERTY LINE
LOT LINE
LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY LINE
SECTION LINE
DRAINAGE SERVITUDE
EXISTING SERVITUDE

[illegible]

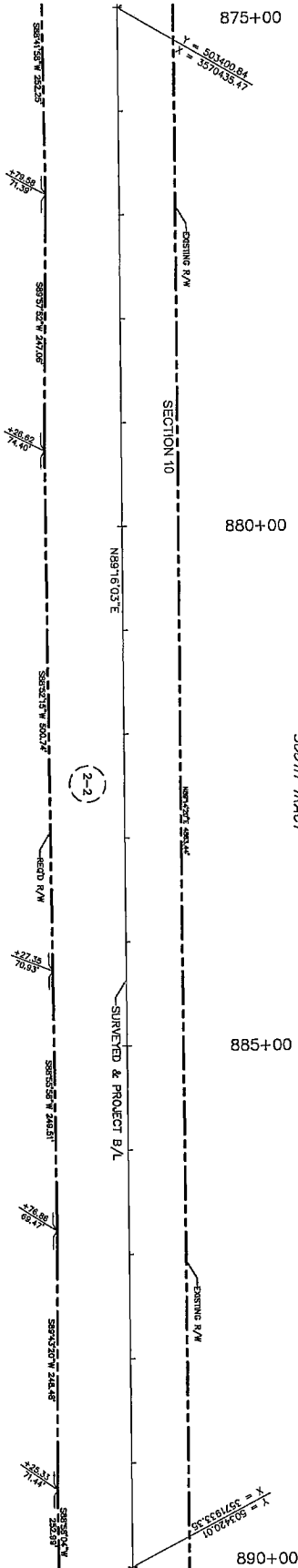
RESIDUAL AGREEMENT NOTE
RESIDUAL AGREEMENTS SHOWN ARE CALCULATED FOR INFORMATION PURPOSES ONLY.
THE RESIDUAL AGREEMENTS ARE SUBJECT TO REVIEW AND REFORMATION BY TITLE AND SURVEY.

RIGHT OF WAY MAP
WEST BAKK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 630+00.00 TO 962+02.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

RSC DWG NO.: L1553_W02206_RSC_FROM



SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S - R 20 E
SECTION 10



761
SUNSET DRAINAGE DISTRICT
BOARD OF COMMISSIONERS FOR SUNSET DRAINAGE DISTRICT
R.L. = 10,517.574 SQ. FT.
2,361.859 ACRES

DETAILED OR COORDINATES BASED ON:
RECORDING BOOK 5801
STATE/COUNTY: LA/ST. CHARLES PARISH
USGS QUAD: LULING (1982)
MAD 83 (2007): 295501.64(7N) 9071636.55(7W) ADJUSTED
MAD 83: 1.74 (METERS) 5.70 (FEET)
RETRIEVAL DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREON ARE GOOD
BEARINGS BASED ON THE LOUISIANA STATE
PLANE COORDINATE SYSTEM SOUTH ZONE
MAD 83 (2007).

- LEGEND**
- REQUIRED RIGHT OF WAY LINE
 - PROPERTY LINE
 - LOT LINE
 - LIMITS OF CONSTRUCTION
 - EXISTING RIGHT OF WAY LINE
 - SECTION LINE
 - DRAINAGE SEPTITUDE
 - EXISTING SEPTITUDE

PARCEL	OWNER	ACQUISITION	AREA	ESTATE TYPE

I CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL ROUTE SURVEYED AND SHOWN AS SHOWN AND COMPLETES WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS 0 ROUTE SURVEY SPECIFICALLY CHAPTER 2009 - ROUTE SURVEY.

RESIDUAL ACRES NOTE
RESIDUAL ACRES SHOWN ARE CALCULATED FOR INFORMATION PURPOSES ONLY.
THE RESIDUAL ACRES ARE SUBJECT TO REVIEW AND VERIFICATION BY TITLE AND SURVEY.

DATE	DESCRIPTION	BY
	REVISIONS	

LAFORCHE BASIN LEVEL DISTRICT
AND
PARISH OF ST. CHARLES
RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+07.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

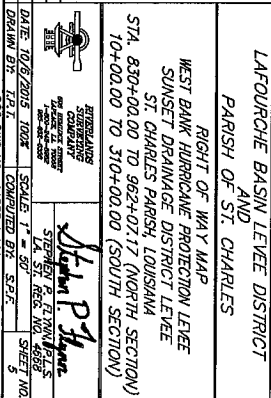
DATE: 10/8/2015 10:08
DRAWN BY: 1553.LINZOR.CSC.BOW

SCALE: 1" = 50' S.A.E.

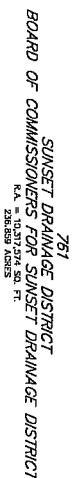
SHEET NO. 4

1553.DWG.MD.L1553.LINZOR.CSC.BOW





SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S - R 20 E
SECTIONS 10 & 11



LEGEND

- REQUIRED RIGHT OF WAY LINE
PROPERTY LINE
LOT LINE
LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY LINE
SECTION LINE
DRAINAGE SERVITUDE
EXISTING SERVITUDE

PARCEL				
OWNER				
ACQUISITION				
AREA				
ESTATE TYPE				

RESIDUAL AGREEMENT NOTE
RESIDUAL ACREAGE'S SHOWN ARE CALCULATED FOR INFORMATION PURPOSES ONLY.
THE RESIDUAL ACREAGE'S ARE SUBJECT TO REVIEW AND REIFICATION BY TITLE AND SURVEY.

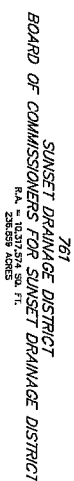
RESIDUAL ACREAGE NOTE
RESIDUAL ACREAGE'S SHOWN ARE CALCULATED FOR INFORMATION

DATE	DESCRIPTION	B7
REMISSIONS		

RSC DWG NO.: L1553_M02206_RSC_ROM



RIGHT OF WAY MAP
WEST BAK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 963+07.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)



LEGEND

REQUIRED RIGHT OF WAY LINE
PROPERTY LINE
LOT LINE
LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY LINE
SECTION LINE
DRAINAGE SERVITUDE
EXISTING SERVITUDE

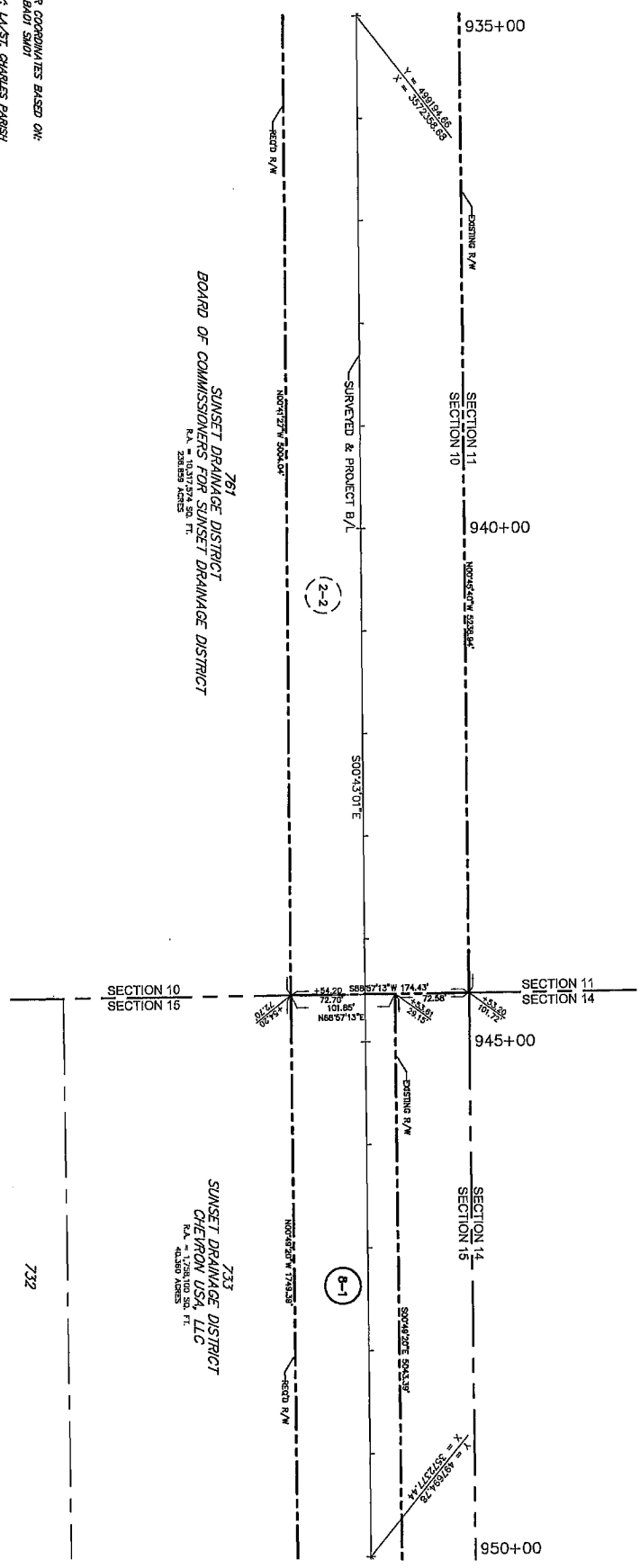
PARCEL	OWNER	ACQUISITION	AREA
			ESTATE TYPE

RESIDUAL ACREAGE NOTE:
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THE RESIDUAL ACREAGE'S ARE SUBJECT TO REVIEW AND REIFICATION BY TITLE AND SURVEY.
I CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL ROUTE SURVEY MADE BY ME, OR BY THOSE UNDER MY DIRECTION AND COMPLIES WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS D ROUTE SURVEY SPECIFICALLY CHAPTER 2009 - ROUTE SURVEY.

RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+00.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

RSC DWG NO.: L1553_W02206_RSC_P01

SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S - R 20 E
SECTIONS 10 & 15



781
SUNSET DRAINAGE DISTRICT
BOARD OF COMMISSIONERS FOR SUNSET DRAINAGE DISTRICT
P.A. = 10,917,574 SQ. FT.
238.859 ACRES

733
SUNSET DRAINAGE DISTRICT
CHEVRON USA, LLC
P.A. = 10,917,574 SQ. FT.
238.859 ACRES

ELEMENTS OF COORDINATES BASED ON:
NAD 83 (2007)
STATE/COUNTY: LA/ST. CHARLES PARISH
USGS QUAD: LUNING (1992)
NAD 83 (2007): 29°55'01.64\"N 90°18'34.55\"W ADJUSTED
NAD 83 (2007): 1.74 METERS 3.20 (FEET)
RETRIEVAL DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREON ARE GRID
BEARINGS BASED ON THE LOUISIANA STATE
PLANE COORDINATE SYSTEM SOUTH ZONE
NAD 83 (2007).

LEGEND
REQUIRED RIGHT OF WAY LINE
PROPERTY LINE
LOT LINE
LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY LINE
SECTION LINE
DRAINAGE SERVITUDE
EXISTING SERVITUDE

8-1	CHEVRON USA, LLC	COLE 346 PG. 411 ENTRY NO. 114979	16,110 AC.	SERVITUDE
PARCEL	OWNER	ACQUISITION	AREA	ESTATE TYPE

I CERTIFY THAT THIS PLAN REPRESENTS AN ACTUAL ROUTE
SURVEY MADE BY ME OR UNDER MY SUPERVISION AND
CONFORMS WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS
OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS D ROUTE
SURVEY SPECIFICALLY CHAPTER 2809 - ROUTE SURVEY.

RESIDUAL AGENCIES NOTE:
RESIDUAL AGENCIES ARE SUBJECT TO REVIEW AND
PURPOSES ONLY.
THE RESIDUAL AGENCIES ARE CALCULATED FOR INFORMATION
REVISION BY TITLE AND SURVEY.

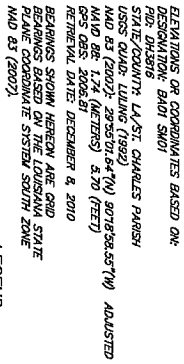
LAFOURCHE BASIN LEEVE DISTRICT
AND
PARISH OF ST. CHARLES
RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEEVE
SUNSET DRAINAGE DISTRICT LEEVE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 310+00.00 (SOUTH SECTION)
10+00.00 TO 962+07.17 (NORTH SECTION)

STEPHEN P. FLYNN
Professional Engineer
No. 10889
Exp. 12/31/2016

DATE: 10/6/2015 TIME: 10:05
DRAWN BY: J. ST. HENRI
SCALE: 1\"= 50' S.D.E.
SHEET NO. 8

REVISIONS

BY



LEGEND

REQUIRED RIGHT OF WAY LINE
 PROPERTY LINE
 LOT LINE
 LIMITS OF CONSTRUCTION
 EXISTING RIGHT OF WAY LINE
 SECTION LINE
 DRAINAGE SERVITUDE
 EXISTING SERVITUDE

RESOLUTION AGREEMENT NOTE:

RESOLUTION AGREEMENT'S STOWAGE ARE CALCULATED FOR INFORMATION PURPOSES ONLY.

PASSENGERS AND CARGOES ARE SUBJECT TO REVENUE AND VERIFICATION BY TITLE AND SURREIN.

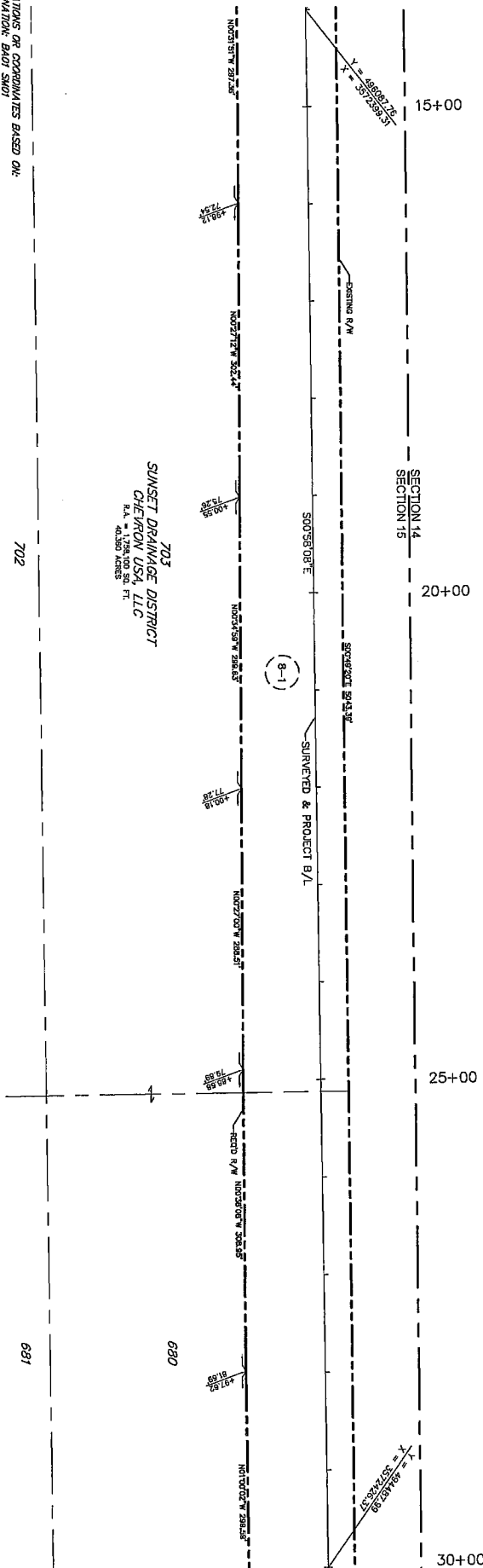
DATE	DESCRIPTION OF RESOURCES	BT

RESIDUAL ACREAGE NOTE:
RESIDUAL ACREAGES SHOWN ARE CALCULATED FOR INFORMATION PURPOSES ONLY.
THE RESIDUAL ACREAGES ARE SUBJECT TO REVIEW AND MODIFICATION BY TITLE AND SURVEY.
I CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL ROUTE SURVEY MADE BY ME, OR BY THOSE UNDER MY DIRECTION, AND COMPLIES WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS B ROUTE SURVEY SPECIFICALLY CHAPTER 2009 – ROUTE SURVEY.

RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+02.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

RSC DWG NO.: L1553_W02206_RSC_F001

SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S - R 20 E
SECTION 15



ELEVATIONS OR COORDINATES BASED ON:
DESIGNATION: BAOI SMOT
STATE/QUANTY: 14.5T, CHARLES PARISH
USGS QUAD: LUMING (1982)
MAD 83 (2007): 28°55'01.64\"N) 90°18'58.58\"W) ADJUSTED
MAD 83: 1.74 (METERS) 5.20 (FEET)
GDS DES: 2008.47
REFERENCE DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREON ARE GRID
BEARINGS AND DISTANCES ARE
PLANE COORDINATE SYSTEM SOUTH ZONE
MAD 83 (2007).

LEGEND

- REQUIRED RIGHT OF WAY LINE
- PROPERTY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SECTION LINE
- DRAINAGE SEPARITUDE
- EXISTING SEPARITUDE

PARTIAL	OWNER	ACQUISITION	AREA	ESTATE TYPE

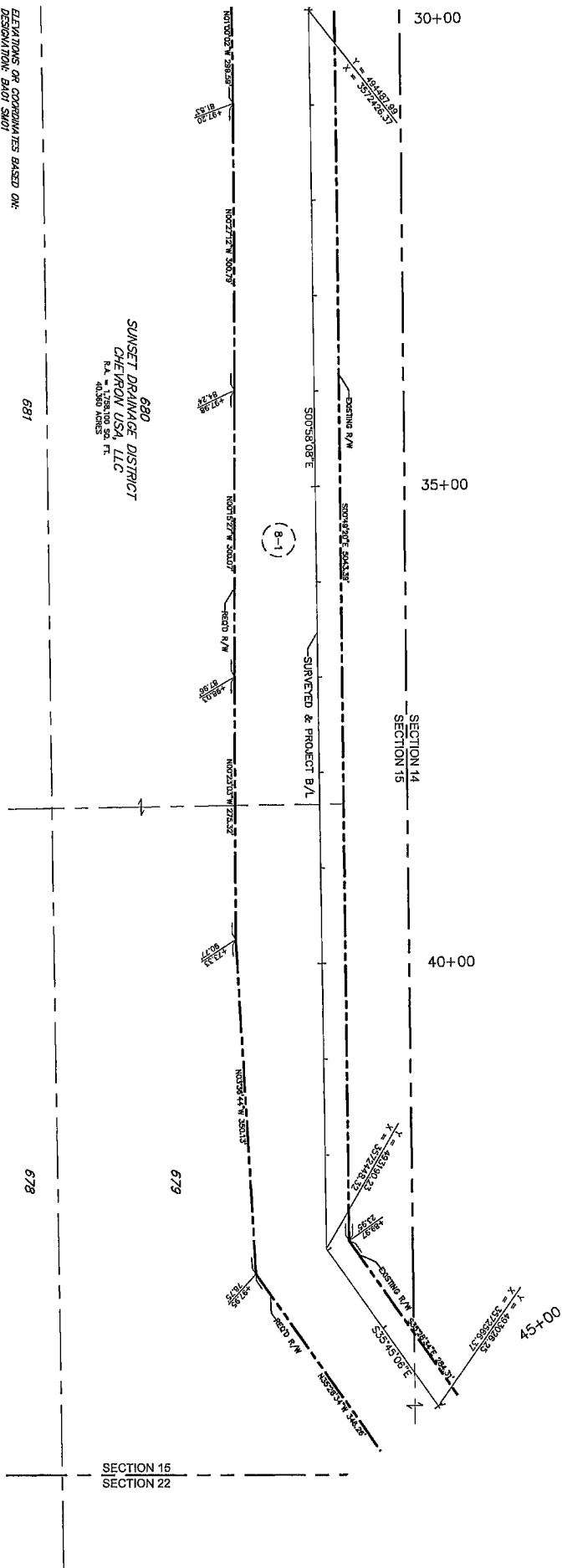
DATE	DESCRIPTION	BY
	REVISIONS	

LAFOURCHE BASIN LEVEE DISTRICT AND PARISH OF ST. CHARLES

RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+07.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

DESIGNING ENGINEER
STEPHEN P. FLYNN
14 ST. REG. NO. 4669
SHEET NO. 10

DATE: 10/6/2015 **100%** **SCALE:** 1" = 50'
DRAWN BY: J.T.H. **CHECKED BY:** S.P.F.
RSC DWG NO.: L1953_WD2206_RSC_RDW



ELEVATIONS OR COORDINATES BASED ON:	
DESIGNATION: BAYI SMOI	
FID: 040896	
STATE/COUNTRY: LA/ST. CHARLES PARISH	
MAD BR (1992): 2855374(7N) 971838.65(W)	ADJUSTED
GCS GRS: 2006.81	
RETRIEVAL DATE: DECEMBER 4, 2010	
BEARINGS SHOWN HEREON ARE GRID BEARINGS BASED ON THE LOUISIANA STATE PLANE COORDINATE SYSTEM SOUTH ZONE	
MAD BR (2002):	

LEGEND

- REQUIRED RIGHT OF WAY LINE
PROPERTY LINE
LOT LINE
LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY LINE
SECTION LINE
DRAINAGE SERVIDITUDE
EXISTING SERVIDITUDE

[illegible]

I CERTIFY THAT THIS PLAN REPRESENTS AN ACTUAL ROUTE SURVEY MADE BY ME, OR BY THOSE UNDER MY DIRECTION AND COMPLEES WITH THE REQUIREMENTS OF LOUISIANA'S "STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS" FOR A CLASS D ROUTE SURVEY SPECIFICALLY CHAPTER 2909 - ROUTE SURVEY.

RESIDUAL ACREAGE NOTE
RESIDUAL ACREAGE'S SHOWN ARE CALCULATED FOR INFORMATION PURPOSES ONLY. THE RESIDUAL ACREAGE'S ARE SUBJECT TO REVIEW AND VERIFICATION BY TITLE AND SURVEY.

DATE	DESCRIPTION	BY
	REVISIONS	

RSC DWG NO.: L1553_W02206_RSC_ROW



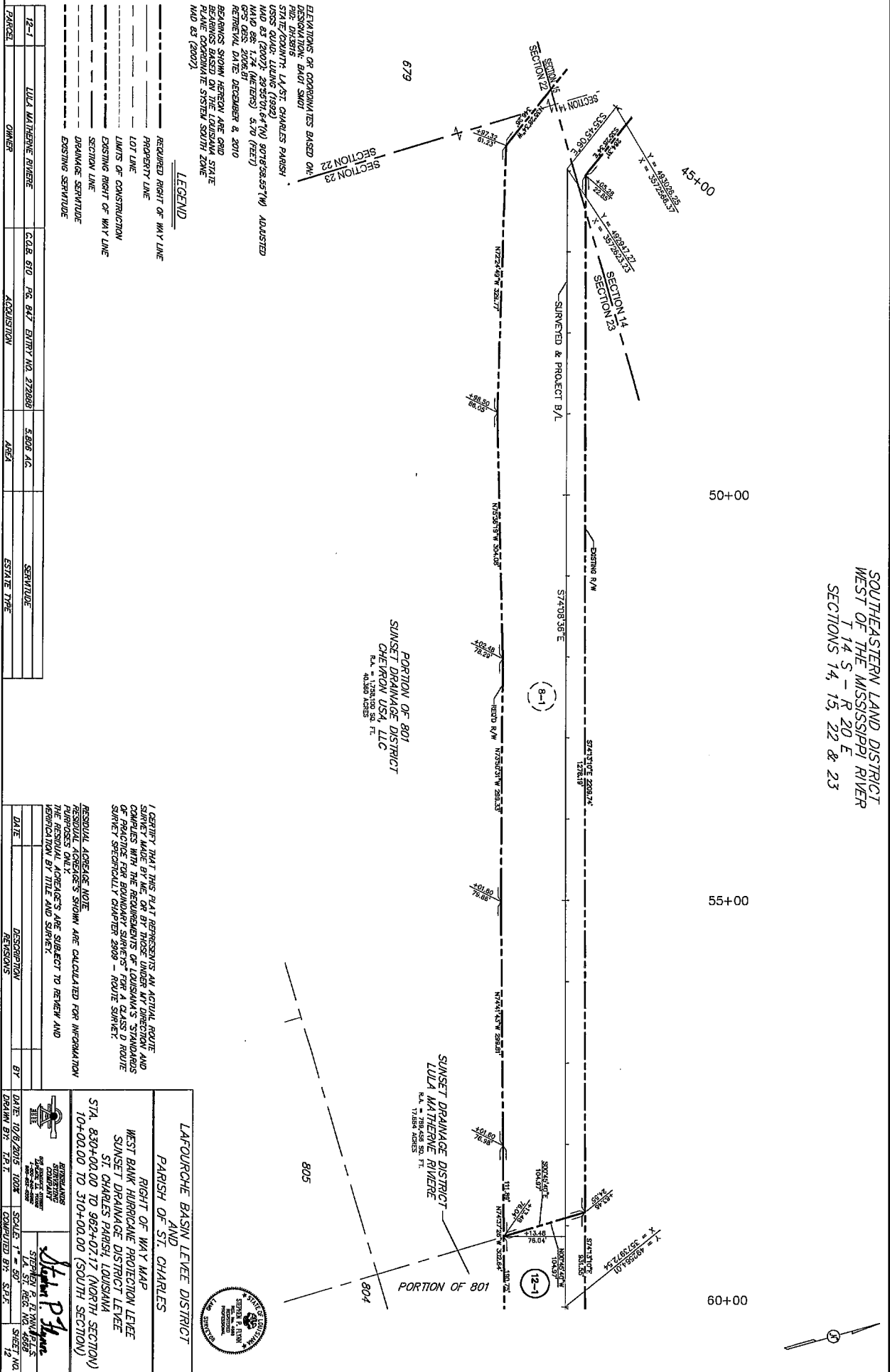
**RIVERSLANDS
SURVIVING
COMPANY**
608 HAZARD STREET
LAUREL, LA 70088
1-800-846-0882

Stephen P. Flynn
STEPHEN P. FLYNN/P.L.S.

RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+07.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)



SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
SECTIONS 14, 15, 22 & 23



PARCEL	OWNER	ACQUISITION	AREA	SERVITUDE	ESTATE TYPE
12-1	LULA MATHERNE RIVER	C.O.B. 610 PG. 847 ENTRY NO. 272688	5.808 AC.		

I CERTIFY THAT THIS PLAN REPRESENTS AN ACTUAL ROUTE SURVEY MADE BY ME OR BY THOSE UNDER MY DIRECTION AND COMPLETES WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS D ROUTE SURVEY SPECIFICALLY CHAPTER 2009 - ROUTE SURVEY.

RESIDUAL AGENCIES NOTE:
RESIDUAL AGENCIES SHOWN ARE CALCULATED FOR INFORMATION PURPOSES ONLY.
THE RESIDUAL AGENCIES ARE SUBJECT TO REVIEW AND VERIFICATION BY TITLE AND SURVEY.

LAFORCHÉ BASIN LEVEE DISTRICT AND PARISH OF ST. CHARLES	
RIGHT OF WAY MAP WEST BANK HIRROCAE PROTECTION LEVEE SUNSET DRAINAGE DISTRICT LEVEE ST. CHARLES PARISH, LOUISIANA ST. 830+00.00 TO 962+02.17 (NORTH SECTION) 10+00.00 TO 310+00.00 (SOUTH SECTION)	
DATE: 10/6/2015	BY: STEPHEN P. HUNTER
SCALE: 1" = 331.33 FT.	DATE: 10/6/2015
PROJECT NO. 1553	SHEET NO. 12

LAFOURCHE BASIN LEVEE DISTRICT
AND
PARISH OF ST. CHARLES
RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+02.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)



PORTION OF 814

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18.350 ACRES

CHEVRON USA, LLC
P.O. Box 799,367 SQ. FT.

**PORTION OF 815
SUNSET DRAINAGE DISTRICT**

$\frac{7}{6}$

80.31
87

59.82°N 301.88°W

③ $\frac{+80}{72.1}$

31
87

50°48'19"E, 79°33'05"
5850.23

1

795.29

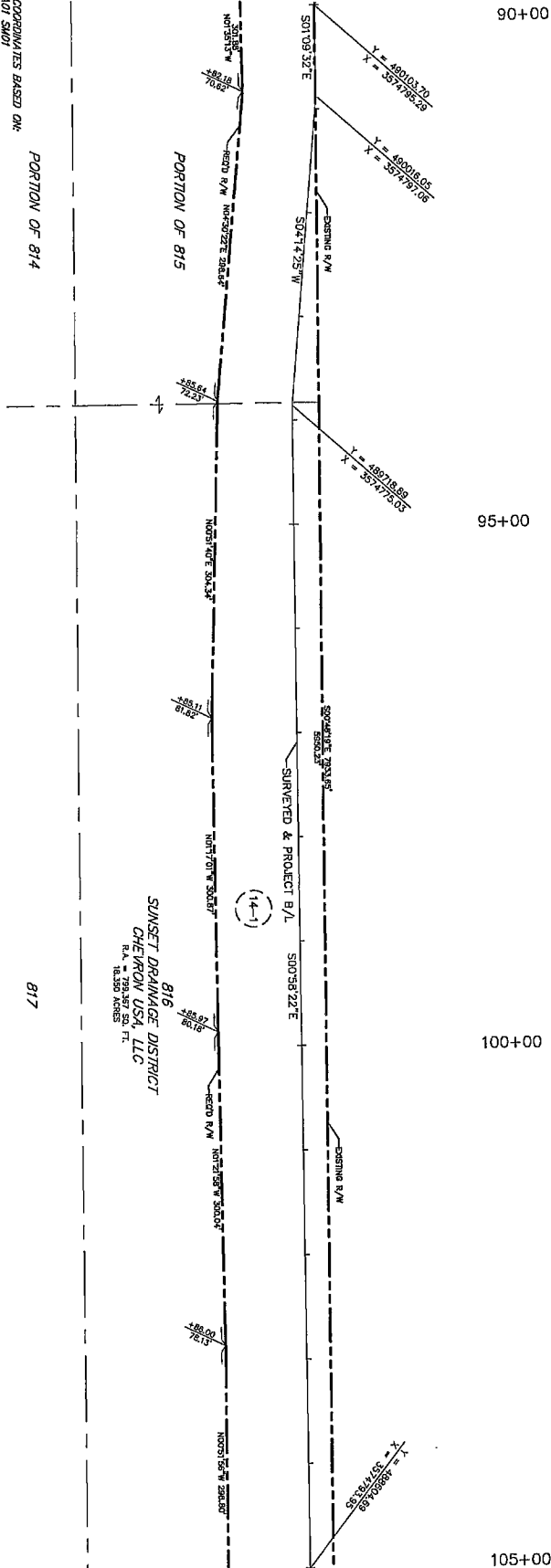
$$= \frac{490103}{3574}$$


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1-10

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SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S - R 20 E
SECTION 23



ELEVATIONS OR COORDINATES BASED ON:
DESIGNATION: B401 SMOI
STATE: MISSISSIPPI
STATE COORDINATE SYSTEM: NAD 83 (2007)
ADJUSTED
NAD 83 (2007): 29°55'01.64\"N) 90°18'58.55\"W) ADJUSTED
NAD 83: 1.74 (METERS) 5.20 (FEET)
REFERENCE DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREIN ARE GRID
BEARINGS AND DISTANCES SHOWN
HEREIN ARE BASED ON THE STATE
PLANE COORDINATE SYSTEM SOUTH ZONE
NAD 83 (2007).

LEGEND

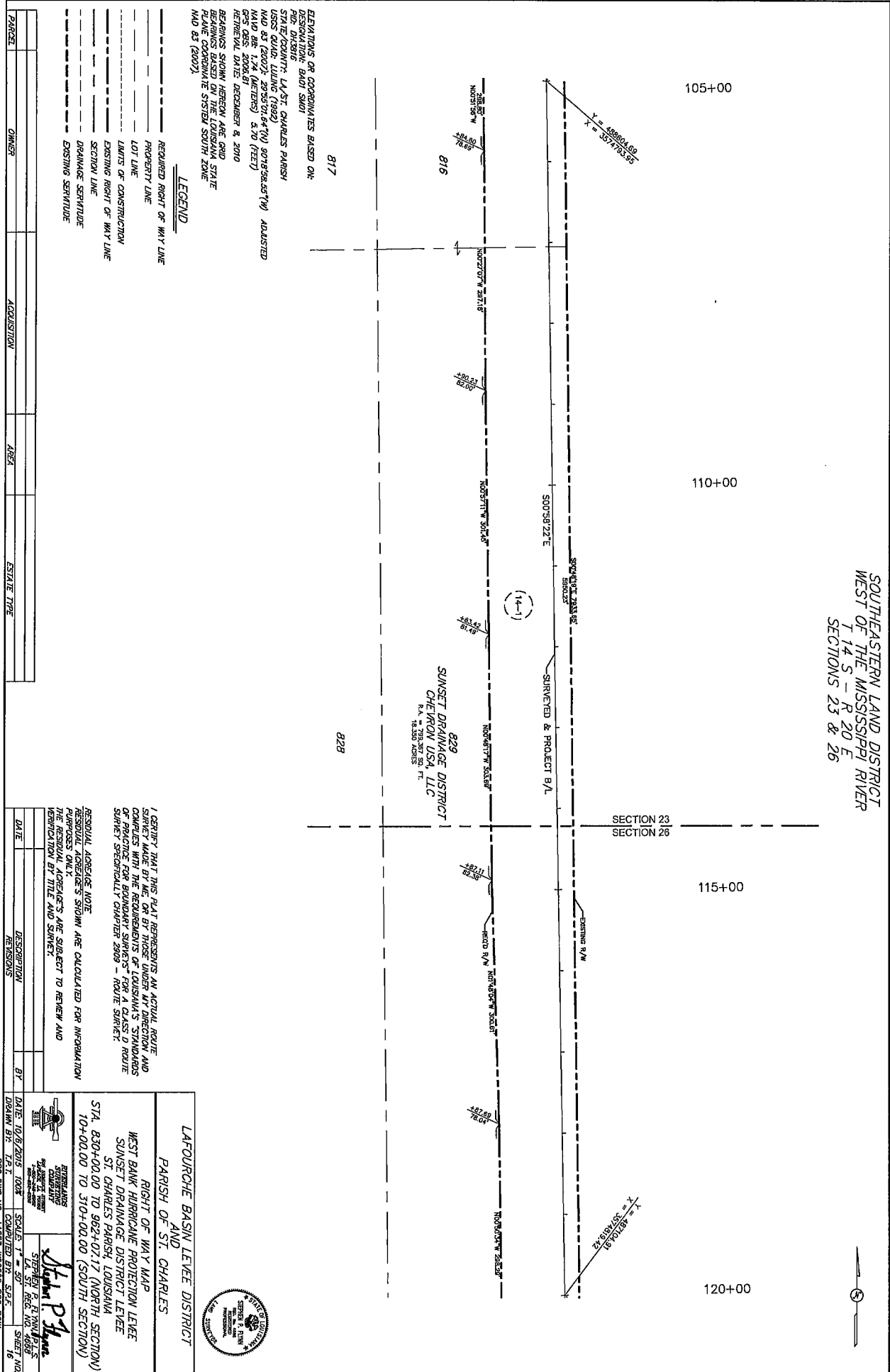
- REQUIRED RIGHT OF WAY LINE
- PROPERTY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SECTION LINE
- DRAINAGE SERVITUDE
- EXISTING SERVITUDE

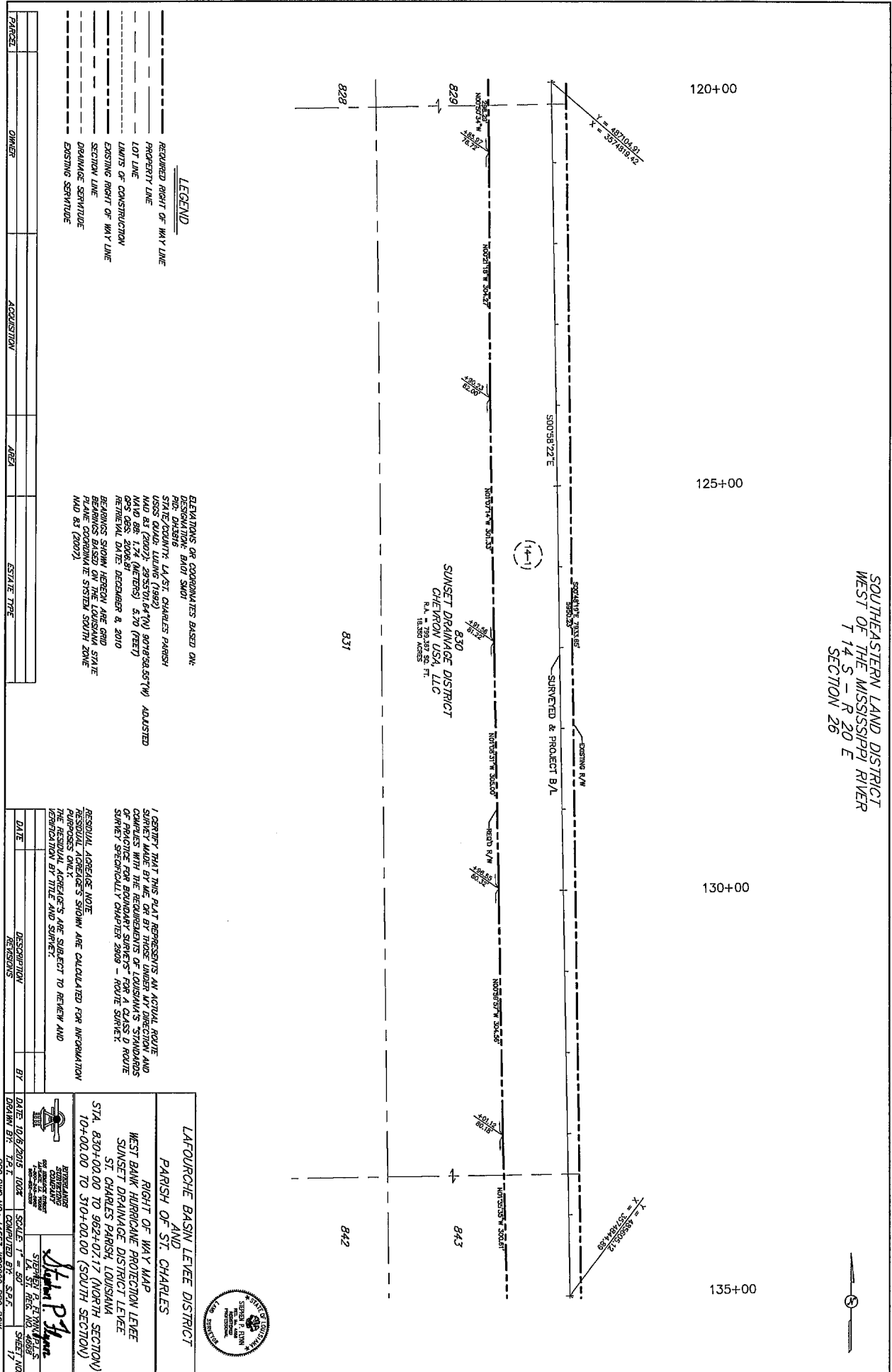
PARCEL	OWNER	ACQUISITION	AREA	ESSTATE TYPE

I CERTIFY THAT THIS PLAN REPRESENTS AN ACTUAL ROUTE
SURVEYED AND PLANNED BY THE SURVEYOR AND
COMPLIES WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS
OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS D ROUTE
SURVEY SPECIFICALLY CHAPTER 2009 - ROUTE SURVEY.

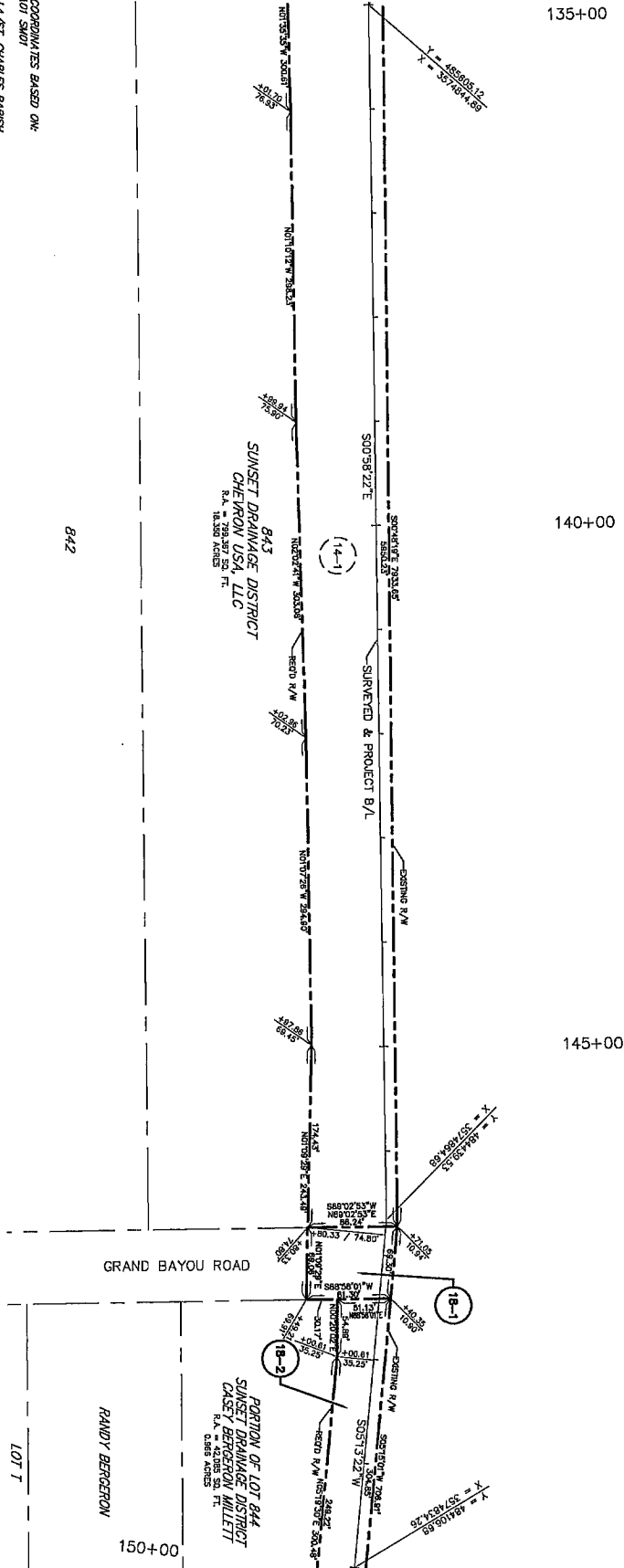
RESIDUAL ACQUIRE NOTE
THE RESIDUAL ACQUIRE'S SHOWN ARE CALCULATED FOR INFORMATION
PURPOSES ONLY.
THE RESIDUAL ACQUIRE'S ARE SUBJECT TO REVIEW AND
VERIFICATION BY TITLE AND SURVEY.

LAFORCHIE BASIN LEVEE DISTRICT AND PARISH OF ST. CHARLES	
RIGHT OF WAY MAP WEST BANK HARBORLINE PROTECTION LEVEE SUNSET DRAINAGE DISTRICT LEVEE ST. CHARLES PARISH, LOUISIANA STA. 830+00.00 TO 962+02.17 (NORTH SECTION) 10+00.00 TO 310+00.00 (SOUTH SECTION)	
DATE: 10/8/2015	BY: [Signature]
DESCRIPTION: [Text]	SCALE: 1\"= 50'
DATE: 10/8/2015	BY: [Signature]
DESCRIPTION: [Text]	SCALE: 1\"= 50'





SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S - R 20 E
SECTION 26



ELEVATIONS OR COORDINATES BASED ON:
DATUM: NAD 83
STATE COUNTY: LA ST. CHARLES PARISH
USGS QUAD: LULING (1982)
MAD 83 (2007) 29°55'01.64\"(N) 90°18'54.55\"(W) ADJUSTED
MAD 83 1.74 (METERS) 5.70 (FEET)
GCS: NAD 83
REFERENCE DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREIN ARE GRID
BEARINGS BASED ON THE MISSISSIPPI
PLANE COORDINATE SYSTEM SOUTH ZONE
MAD 83 (2007).

LEGEND

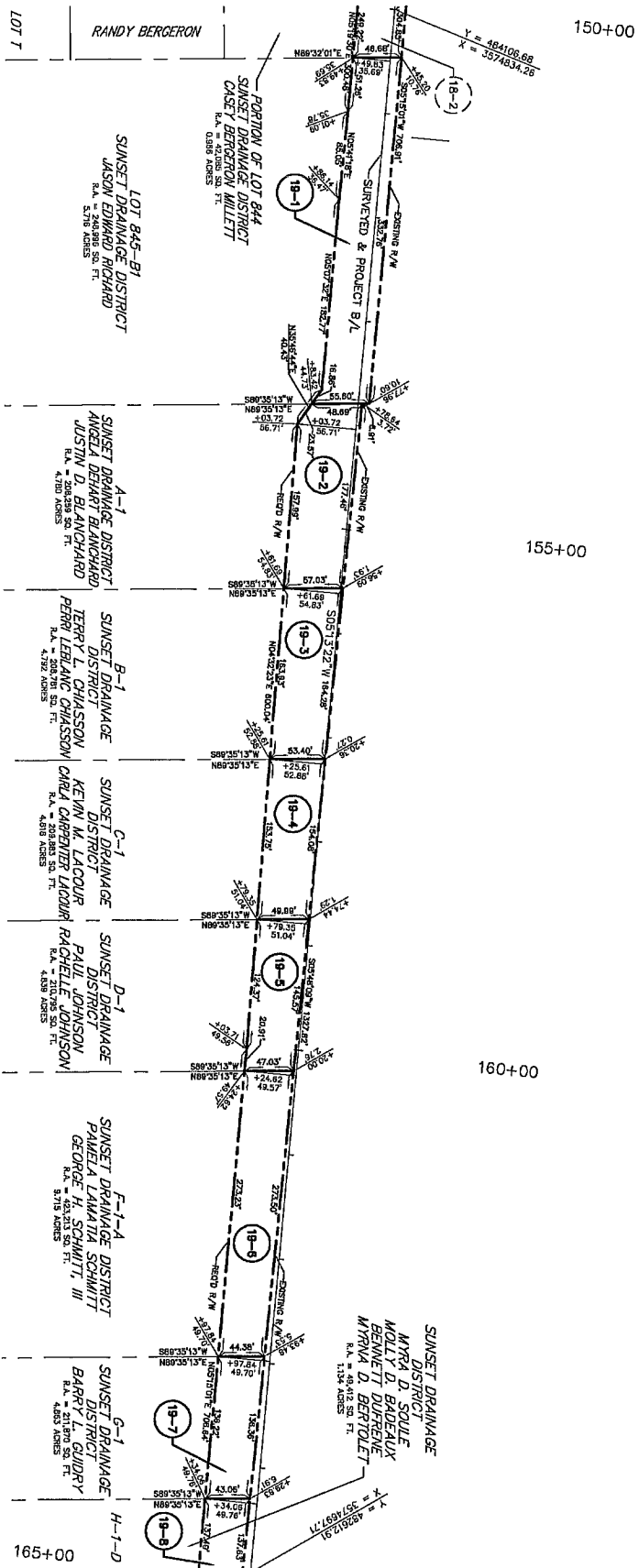
- REQUIRED RIGHT OF WAY LINE
- PROPERTY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SECTION LINE
- DRAINAGE SEPTITUDE
- EXISTING SEPTITUDE

18-2	CASEY BERGERON WILLET	C.O.B. 778	PG. 173	ENTRY NO. 281772	0.328 AC	SEPTITUDE
18-1	UNKNOWN OWNER	C.O.B. 778	PG. 173	ENTRY NO. 281772	0.151 AC	SEPTITUDE
PARCEL	OWNER	ACQUISITION	AREA	ESTATE TYPE		

I CERTIFY THAT THIS PLAN REPRESENTS AN ACTUAL SURVEY AND THAT THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH THE STANDARDS AND PRACTICES FOR BOUNDARY SURVEYS FOR A CLASS D SURVEY SPECIFICALLY CHAPTER 2809 - ROUTE SURVEY.

RESIDUAL ACRES NOTE:
RESIDUAL ACRES ARE CALCULATED FOR INFORMATION PURPOSES ONLY.
THE RESIDUAL ACRES ARE SUBJECT TO REVIEW AND VERIFICATION BY TITLE AND SURVEY.

LAFORCHE BASIN LEEVE DISTRICT AND PARISH OF ST. CHARLES	
RIGHT OF WAY MAP	
WEST BANK HURRICANE PROTECTION LEEVE SUNSET DRAINAGE DISTRICT LEEVE ST. CHARLES PARISH, LOUISIANA	
STA. 830+00.00 TO 962+07.17 (NORTH SECTION) 10+00.00 TO 310+00.00 (SOUTH SECTION)	
DATE: 10/6/2015	SCALE: 1" = 50'
DRAWN BY: J. P. HUNTER	SHEET: 101



SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S -- R 20 E
SECTION 26

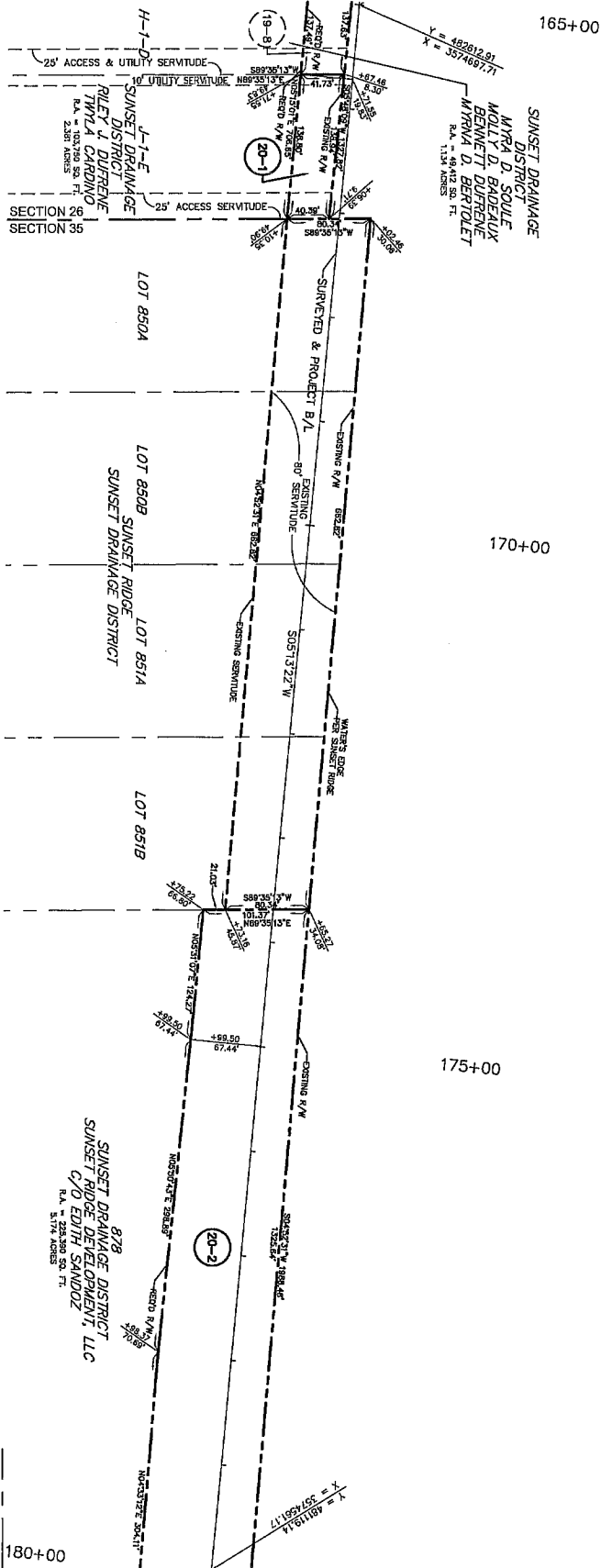
PARCEL	OWNER	ACQUISITION	AREA	ESTATE TYPE		
19-3	JAMES D. SOULE & KELLY D. BORDUK	C.O.B. 710	Pg. 103	ENTRY NO. 340604	0.133 AC.	SERVITUDE
19-6	BENNETT LUDWIG & KELLY D. BORDUK					
19-7	ERBERT T. GILBERT	C.O.B. 607	Pg. 403	ENTRY NO. 270409	0.136 AC.	SERVITUDE
19-6	PHILIP L. LAMIN, SCHMITZ & GEORGE H. SCHMITZ, III	C.O.B. 452	Pg. 502	ENTRY NO. 323650	0.136 AC.	SERVITUDE
19-5	PAUL JOHNSON & ROACHELLE JOHNSON	C.O.B. 780	Pg. 823	ENTRY NO. 346708	0.181 AC.	SERVITUDE
19-5	KEVIN D. JOHNSON & CELIA DUNSMITH-JOHNSON	C.O.B. 491	Pg. 494	ENTRY NO. 186177	0.182 AC.	SERVITUDE
19-6	JOHN D. JOHNSON & CELIA DUNSMITH-JOHNSON	C.O.B. 491	Pg. 494	ENTRY NO. 186177	0.182 AC.	SERVITUDE
19-2	ANGELA DEBART SANCHEZ & ALVIN A. RANCKHARD	C.O.B. 754	Pg. 709	ENTRY NO. 355572	0.136 AC.	SERVITUDE
19-1	ALVIN EDWARD RICHARD	C.O.B. 671	Pg. 494	ENTRY NO. 319451	0.139 AC.	SERVITUDE

RESIDUAL ACREAGE NOTE		
RESIDUAL ACREAGE'S SHOWN ARE CALCULATED FOR INFORMATION PURPOSES ONLY. THE RESIDUAL ACREAGE'S ARE SUBJECT TO REVIEW AND VERIFICATION BY TITLE AND SURVEY.		
DATE	DESCRIPTION	BY
	REVISIONS	

ELEVATIONS OR COORDINATES BASED ON:
 DESIGNATION: BAOI SMOI
 PID: D43816
 LOCATION: LA-57 CHATELAIN PARKWAY
 USGS (1982)
 MAID 83 (2002): 29.55101,64.701 90718.553°W)
 MAID 86: 1.74 (METERS) 5.70 (FEET) ADJUSTED
 OBS OBS: 2006.81
 RETRIEVAL DATE: DECEMBER 4, 2010
 BEARINGS SHOWN HEREON ARE GRID
 BEARINGS BASED ON THE LOUISIANA STATE
 PLANE COORDINATE SYSTEM SOUTH ZONE
 MD 83 (2002).

PARISH OF ST. CHARLES RIGHT OF WAY MAP WEST BANK HURRICANE PROTECTION LEVEE SUNSET DRAINAGE DISTRICT LEVEE ST. CHARLES PARISH, LOUISIANA STA. 630+00.00 TO 962+07.17 (NORTH SECTION) 10+00.00 TO 310+00.00 (SOUTH SECTION)	
ATTORNEY GENERAL MICHAEL J. BORDO 901 PINE ST. SUITE 1000 NEW ORLEANS, LA 70112 504-581-1234 504-581-1235	SHEET NO. 19 OF 19 DATE: 10/6/2015 10:08 DRAWN BY: T.R.T. RSC DWG NO: 13555-W02020-RSC-DWG

SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S - R 20 E
SECTIONS 26 & 35



LEGEND

- REQUIRED RIGHT OF WAY LINE
- PROPERTY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SECTION LINE
- DRAINAGE SERVICE
- EXISTING SERVICE

PARCEL	OWNER	ACQUISITION	AREA	ESTIMATE TYPE
20-2	SUNSET RIDGE DEVELOPMENT, LLC C/O BNY SURGE	C.O.B. 632	AC. 608	BUYER NO. 202908
20-1	RILEY L. DUFRENE & MYRA L. CARDINO	C.O.B. 687	PG. 108	BUYER NO. 317188

ELEVATIONS OR COORDINATES BASED ON:
DESIGNATION: BAYOU SAH
PUB. DATE: 12/28/16
STATE/COUNTY: LA/ST. CHARLES PARISH
LOSS QUAD: T14N R20E
M.D. 43 (2007) 287501.64(TN) 807838.25(TW) ADJUSTED
M.D. 43 (2007) 287501.64(TN) 807838.25(TW) ADJUSTED
GPS OBS. 2006.04
RETRIEVAL DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREON ARE GRID
BEARINGS BASED ON THE LOUISIANA STATE
PLANE COORDINATE SYSTEM SOUTH ZONE
M.D. 83 (2007).

I CERTIFY THAT THIS PLAN REPRESENTS AN ACTUAL ROUTE
SURVEYED AND PLANNED BY THE SURVEYOR AND
CONFORMS WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS
OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS 0 ROUTE
SURVEY SPECIFICALLY CHAPTER 2809 - ROUTE SURVEY.

RESIDUAL ADJUSTMENT NOTE:
RESIDUAL ADJUSTMENTS SHOWN ARE CALCULATED FOR INFORMATION
PURPOSES ONLY.
THE RESIDUAL ADJUSTMENTS ARE SUBJECT TO REVIEW AND
VERIFICATION BY TITLE AND SURVEY.

LAFORCHE BASIN LEEVE DISTRICT AND PARISH OF ST. CHARLES	
RIGHT OF WAY MAP	
SUNSET DRAINAGE DISTRICT LEEVE	
ST. CHARLES PARISH, LOUISIANA	
STA. 830+00.00 TO 962+07.17 (NORTH SECTION)	
10+00.00 TO 310+00.00 (SOUTH SECTION)	
DATE: 10/6/2016 10:03	SCALE: 1" = 50' S.F.
DRAWN BY: TSC	CHECKED BY: S.F.
SHEET NO. 20	SHEET NO. 20



DATE _____

REQUIRED RIGHT OF WAY LINE
PROPERTY LINE
LOT LINE
LIMITS OF CONSTRUCTION
EXISTING RIGHT OF WAY LINE
SECTION LINE
DRAINAGE SERVITUDE
EXISTING SERVITUDE

		SERVITUDE
21-1	CHEMUN USA, LLC	6,892 AC.
PAPER2	OWNER	AREA1
	ACQUISITION	ESTATE TYPE

DATE	DESCRIPTION	BY
	REVISIONS	

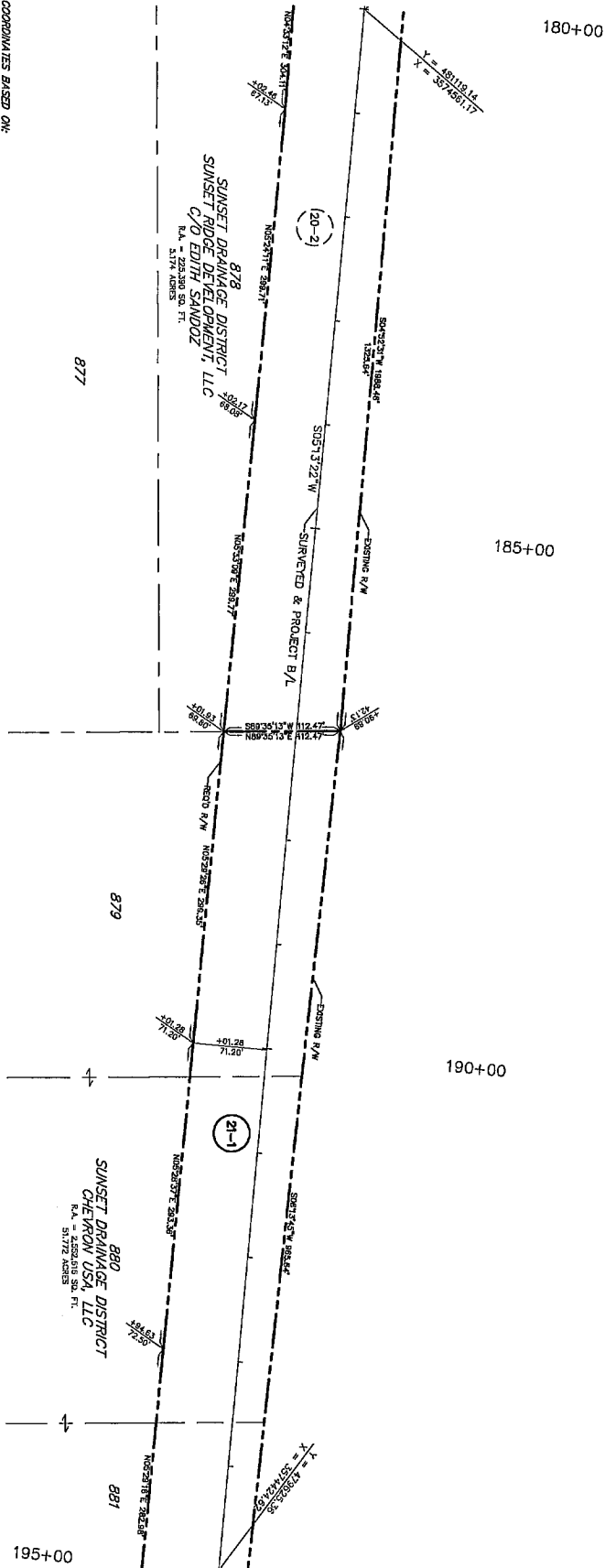
LAFOURCHE BASIN LEEVE DISTRICT
AND
PARISH OF ST. CHARLES

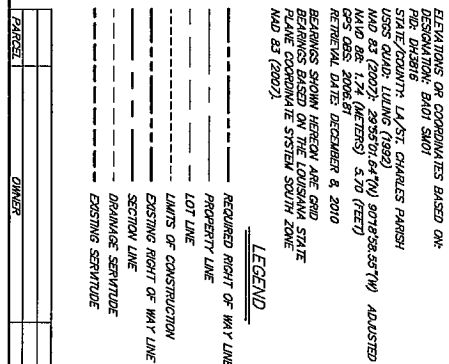
RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEEVE
SUNSET DRAINAGE DISTRICT LEEVE
ST. CHARLES PARISH, LOUISIANA

STA. 830+00.00 TO 962+07.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

 **LOUISIANA
DEPARTMENT OF
TRANSPORTATION
AND INFRASTRUCTURE**
DIVISION OF HIGHWAYS
OFFICE OF THE DISTRICT ENGINEER
NEW ORLEANS, LOUISIANA 70119

John P. Hume
LA SR. DIST. NO. 6689
SHEET NO. 21





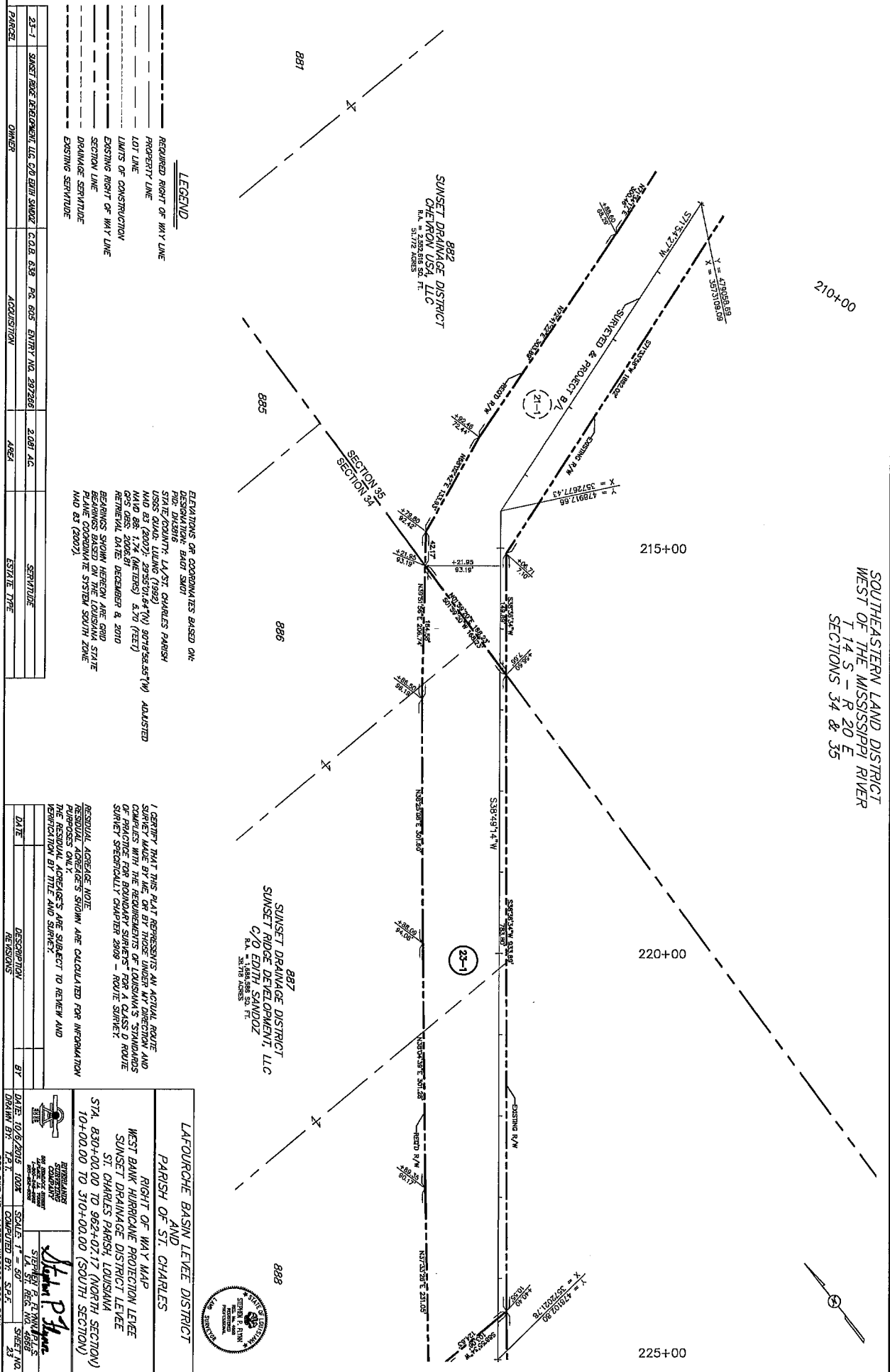
RESIDUAL ACREAGE NOTE:
RESIDUAL ACREAGES SHOWN ARE CALCULATED FOR INFORMATION ONLY. THE RESIDUAL ACREAGES ARE SUBJECT TO REVIEW AND VERIFICATION BY TITLE AND SURVEY.

DATE	DESCRIPTION REVISIONS	BY

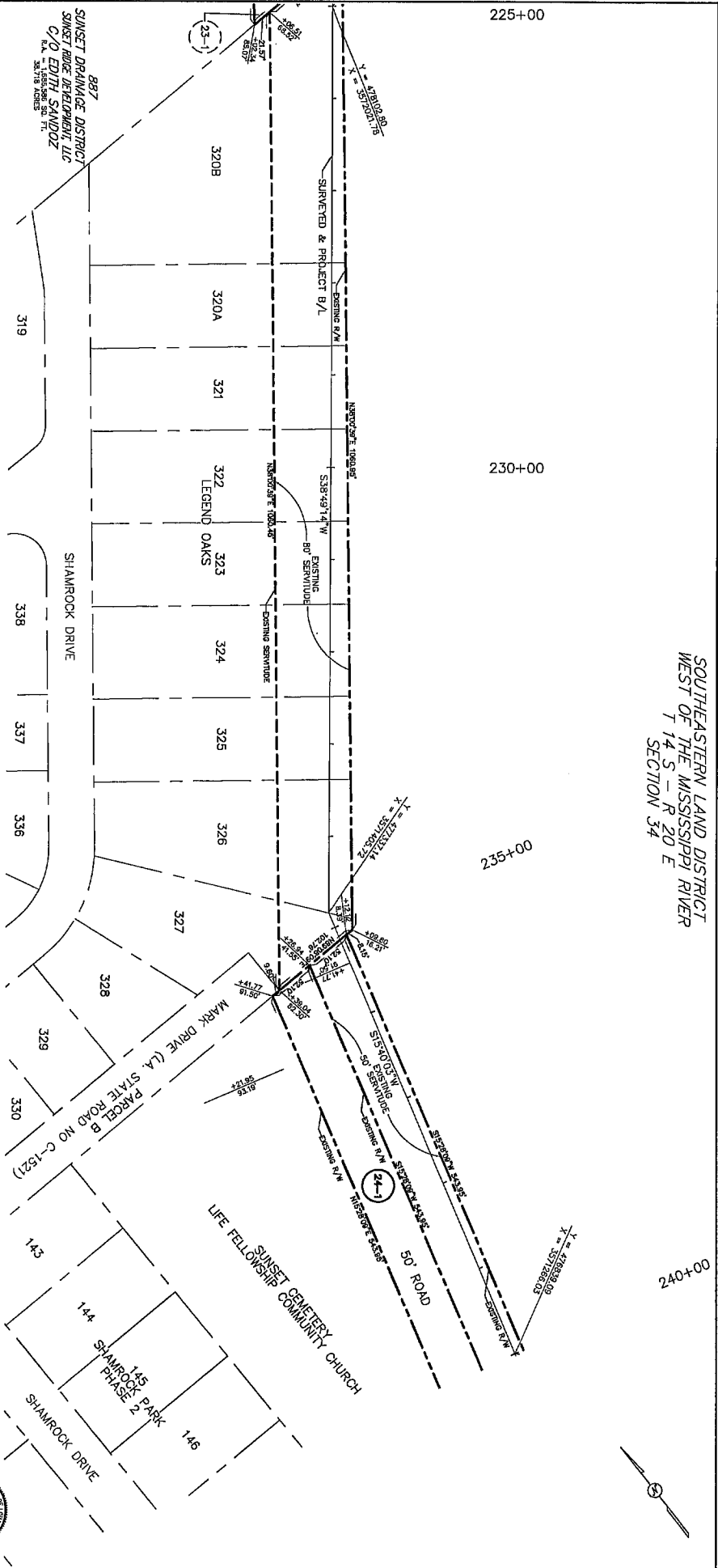
LAFORCHÉ BASIN LÉVEE DISTRICT AND PARISH OF ST. CHARLES	
RIGHT OF WAY MAP WEST BANK HURRICANE PROTECTION LEVEE SUNSET DRAINAGE DISTRICT LEVEE ST. CHARLES PARISH, LOUISIANA STA. 430+00.00 TO 362+07.17 (NORTH SECTION) 10+00.00 TO 310+00.00 (SOUTH SECTION)	
 DIVISION OF LAND AND CONSERVATION OFFICE OF THE ENGINEER 1000 P. O. BOX 93489 NEW ORLEANS, LA 70109-3489 (504) 241-2200	
DATE: 10/6/2015 DRAWN BY: T.P.T.	SCALE: 1" = 50' COMPILED BY: S.P.C.
SHEET NO. 22 OF 22	
LAFORCHÉ BASIN LÉVEE DISTRICT L.S. ST. CHAR. IN. 4689	



RSC DWG NO.: L1553_W02206_RSC_FROM



SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 14 S - R 20 E
SECTION 34



LEGEND

- REQUIRED RIGHT OF WAY LINE
- PROPERTY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SECTION LINE
- DRAINAGE SERVICE
- EXISTING SERVICE

ELEVATIONS OR COORDINATES BASED ON:
DESIGNATION: BAOI SNOT
FOR: DISTRICT 14, ST. CHARLES PARISH
SURVEYED BY: L. A. ST. CHARLES
USGS QUAD: LULING (1992)
MAID 61 (2002): 293501.64(10) 907858.93(10) ADJUSTED
MAID 68: 1.74 (METERS) 5.70 (FEET)
RETRIEVAL DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREON ARE GRID
BEARINGS BASED ON THE LOUISIANA STATE
PLANNING COMMISSION STUDY SOUTH ZONE
MAD 61 (2002)

PARCEL	OWNER	ACQUISITION	AREA	ESTATE TYPE
24-1	LIFE FELLOWSHIP COMMUNITY CHURCH, INC. C/O. EDITH SANDOZ C/O. BRYAN SANDOZ ASSOCIATES, L.P. (C/O. CHAS)	PG. B21 ENTRY NO. 021056*	0.024 AC.	SERVITUDE

I CERTIFY THAT THIS PLAN REPRESENTS AN ACTUAL ROUTE
SURVEYED BY THE SURVEYOR AND THAT THE ROUTE
CONFORMS WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS
OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS 0 ROUTE
SURVEY SPECIFICALLY CHAPTER 2809 - ROUTE SURVEY.

RESIDUAL AGENCE NOTE:
RESIDUAL AGENCE'S SHOWN ARE CALCULATED FOR INFORMATION
PURPOSES ONLY.
THE RESIDUAL AGENCE'S ARE SUBJECT TO REVIEW AND
REVISION BY TITLE AND SURVEY.

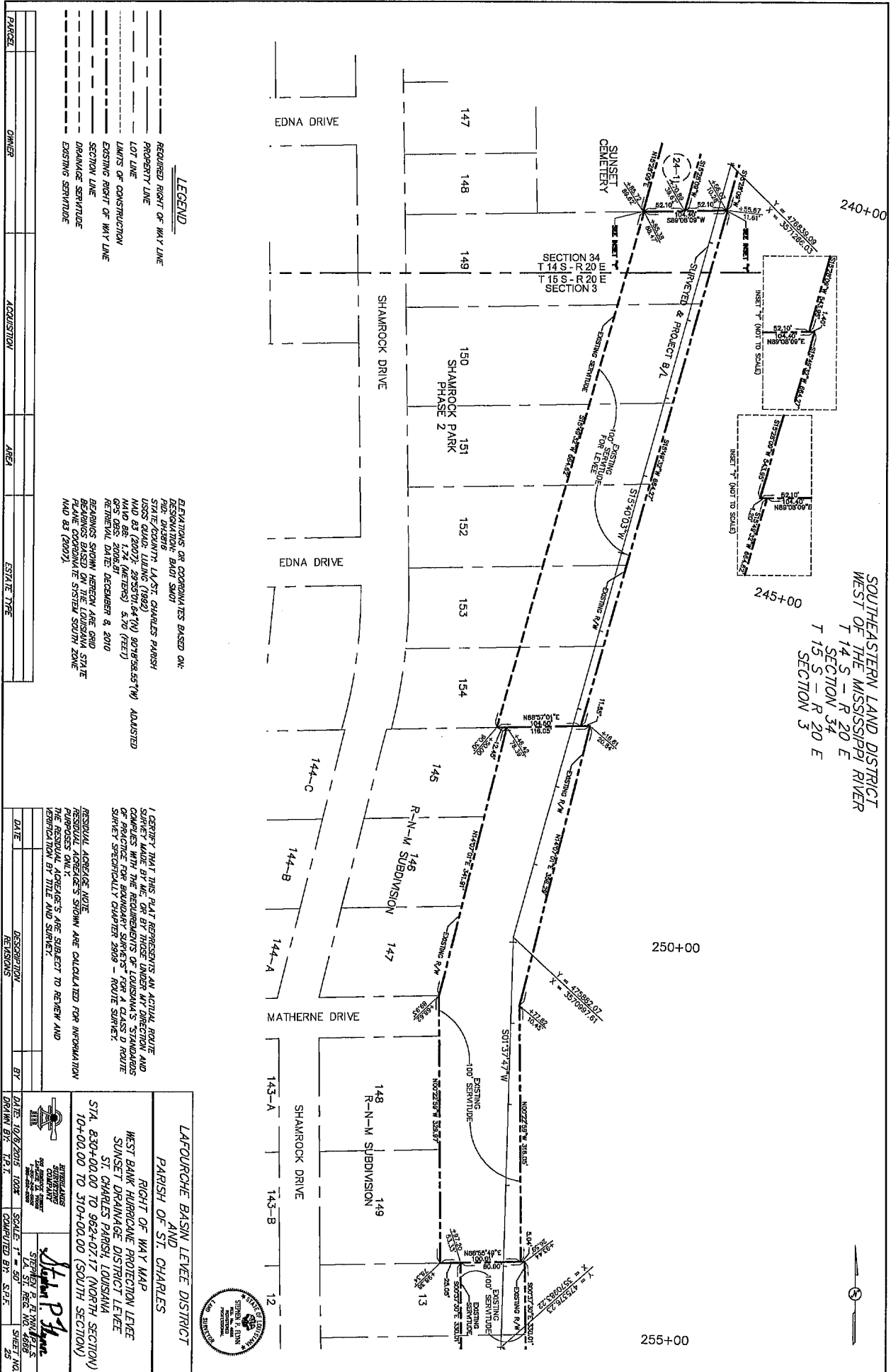
DATE	DESCRIPTION	BY
10/6/2015	100%	BY
DATE	DESCRIPTION	BY
10/6/2015	100%	BY

DATE: 10/6/2015 100% SCALE: 1" = 50' S.E. SHEET NO. 140

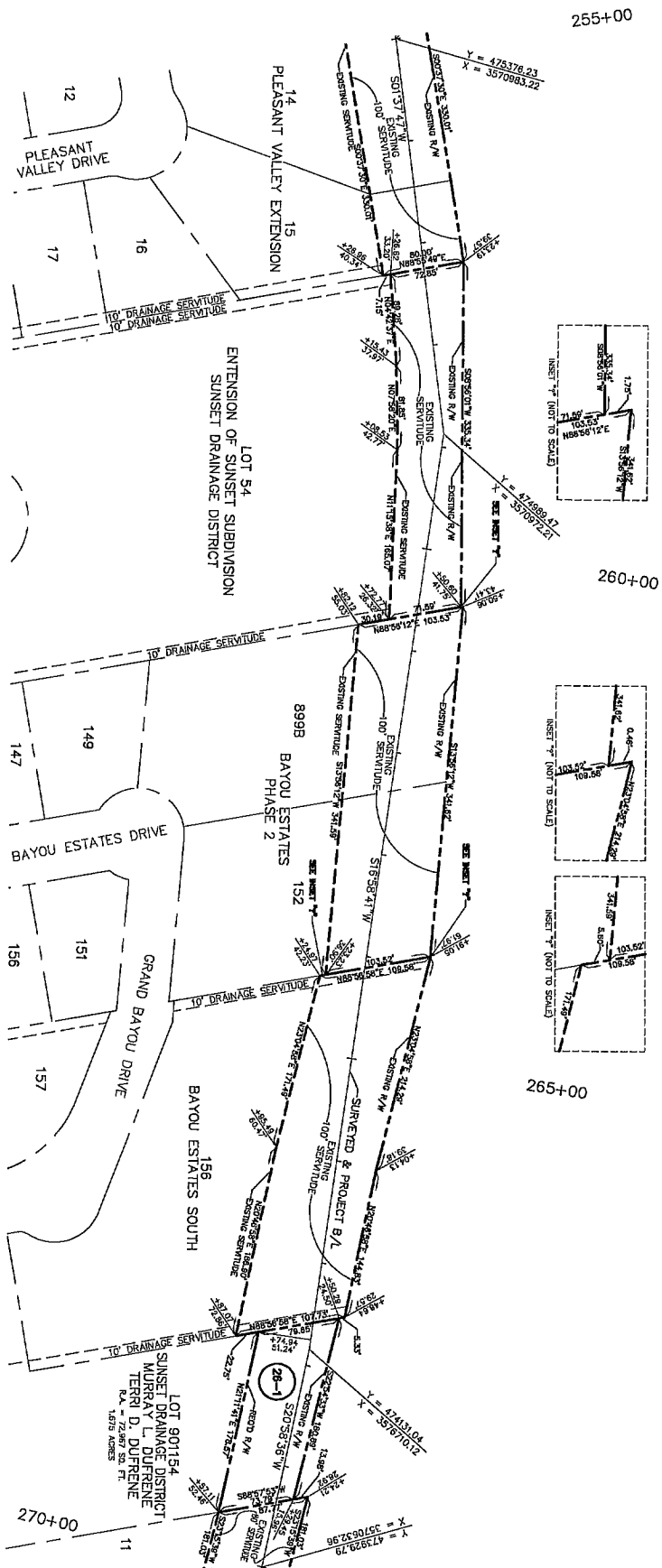
DATE: 10/6/2015 100% SCALE: 1" = 50' S.E. SHEET NO. 140

DATE: 10/6/2015 100% SCALE: 1" = 50' S.E. SHEET NO. 140

DATE: 10/6/2015 100% SCALE: 1" = 50' S.E. SHEET NO. 140



SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 15 S - R 20 E
SECTION 3



LEGEND

- REQUIRED RIGHT OF WAY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SECTION LINE
- DRAINAGE SERVICE
- EXISTING SERVICE

26-1	MURRAY L. DUFRENE & TERRI D. DUFRENE	C.O.B. 690 P.C. 698 ENTRY NO. 330698	0.291 AC.	SERVITUDE
PARCELS	OWNER	ACQUISITION	AREA	ESTATE TYPE

ELEVATIONS OF COORDINATES BASED ON:
DESIGNATION: BAOI SMOI
PID: DHS316
STATE/COUNTY: LA/ST. CHARLES PARISH
USGS QUAD: TULING (1822) 90147N 90148E (8.57N) ADJUSTED
NAD 83 (1983) 5.170 (FEET)
GDS CRS: 2006.01
RETRIEVAL DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREON ARE GRID
BEARINGS BASED ON THE LOUISIANA STATE
PLANE COORDINATE SYSTEM SOUTH ZONE
NAD 83 (2007).

I CERTIFY THAT THIS PLAN REPRESENTS AN ACTUAL ROUTE
SURVEY MADE BY ME, OR BY THOSE UNDER MY DIRECTION AND
COMPLIES WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS
OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS D ROUTE
SURVEY SPECIFICALLY CHAPTER 2809 - ROUTE SURVEY.

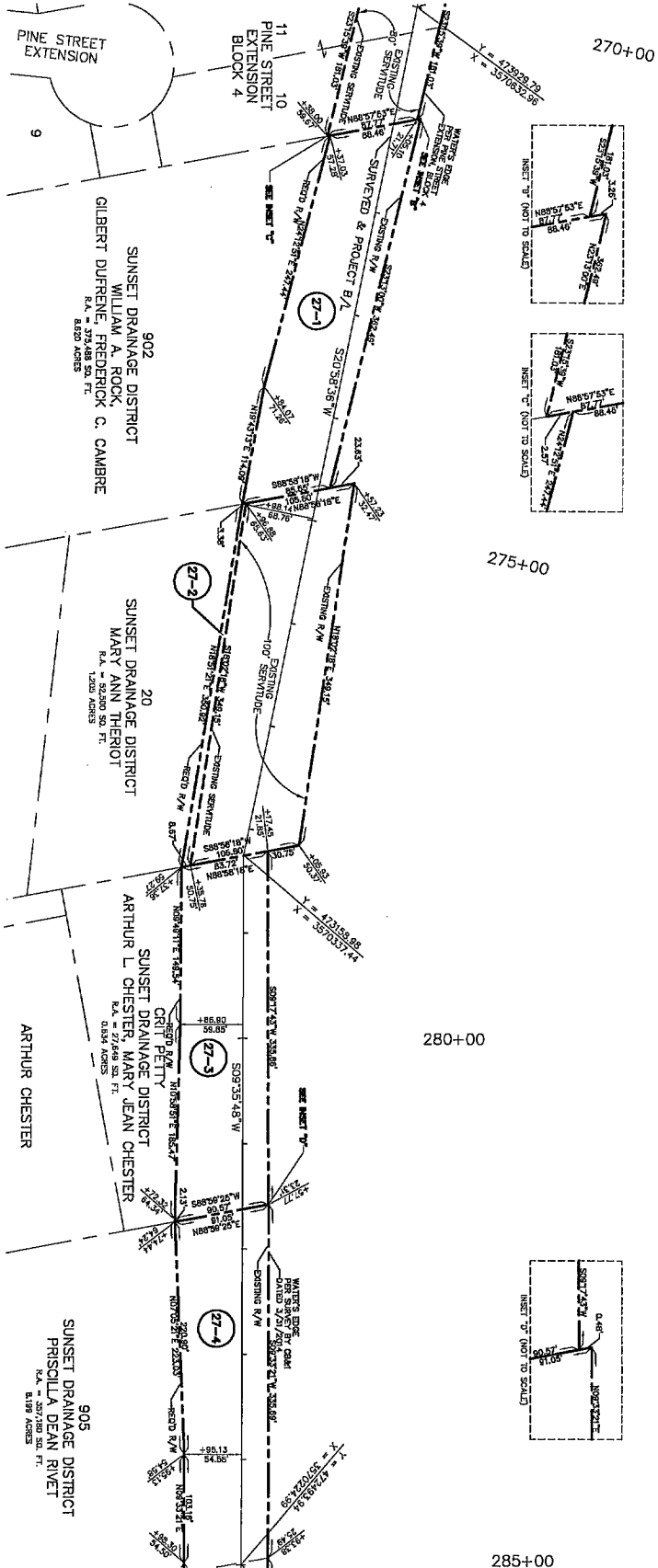
RESIDUAL AGENCIES NOTE:
RESIDUAL AGENCIES SHOWN ARE CALCULATED FOR INFORMATION
PURPOSES ONLY. AGENCIES ARE SUBJECT TO REVIEW AND
VERIFICATION BY TITLE AND SURVEY.

LAFORCHE BASIN LEVEE DISTRICT AND PARISH OF ST. CHARLES	
RIGHT OF WAY MAP WEST BANK HURRICANE PROTECTION LEVEE SUNSET DRAINAGE DISTRICT LEVEE ST. CHARLES PARISH, LOUISIANA S14, 830+00.00 TO 963+02.17 (NORTH SECTION) 10+00.00 TO 310+00.00 (SOUTH SECTION)	
DATE: 10/6/2015 10:05	SCALE: 1" = 50'
DRAWN BY: T.P.T.	CHECKED BY: S.D.F.
SHEET NO. 26	SHEET NO. 26



STEPHEN P. THORNE
PROFESSIONAL ENGINEER
STATE OF LOUISIANA
LICENSE NO. 15531
MECHANICAL
RSC, ROW

SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 15 S - R 20 E
SECTION 3



LEGEND

- REQUIRED RIGHT OF WAY LINE
- PROPERTY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SECTION LINE
- DRAINAGE SERVICE
- EXISTING SERVICE

27-4	PRISCILLA DEAN RIVET	C.O.B. 743 PG. 595 ENTRY NO. 360924	1.447 AC.	SERVITUDE
27-3	ARTHUR L. CHESTER, MARY JEAN CHESTER	C.O.B. 687 PG. 105 ENTRY NO. 371189	0.055 AC.	SERVITUDE
27-2	MARY ANN THERIOT	C.O.B. 643 PG. 601 ENTRY NO. 307534	0.046 AC.	SERVITUDE
27-1	WILLIAM A. ROCK, CHESTER FREDERICK C. CAMBRE	C.O.B. 87 PG. 34 ENTRY NO. 34483	0.086 AC.	SERVITUDE
PARCELS	OWNER	ACQUISITION	AREA	ESTATE TYPE

ELEVATIONS OR COORDINATES BASED ON:
DATUM: NAD 83
STATE COUNTY: LA/ST. CHARLES PARISH
USGS QUAD: LULING (1992)
MAD 83 (2007): 295501.64(TN) 907858.65(TW) ADJUSTED
MAD 83 1.74 (METERS) 5.70 (FEET)
REVISION DATES: DECEMBER 8, 2010
REVISIONS SHOWN HEREON ARE AND STATE
BEARS ASSURED TO THE LATEST AND STATE
PLANE COORDINATE SYSTEM SOUTH ZONE
MAD 83 (2007).

I CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL ROUTE
SURVEY MADE BY ME, OR BY THOSE UNDER MY DIRECTION AND
COMPLETES WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS
AND SPECIFICATIONS FOR SURVEYS, AND THAT I AM A LICENSED
SURVEY SPECIALLY CHAPTER 2008 - ROAD SURVEY.

RESIDUAL AGENCY NOTE:
RESIDUAL AGENCY'S SHOWN ARE CALCULATED FOR INFORMATION
THE RESIDUAL AGENCY'S ARE SUBJECT TO REVIEW AND
VERIFICATION BY TITLE AND SURVEY.

LAFORCHE BASIN LEVEE DISTRICT
AND
PARISH OF ST. CHARLES

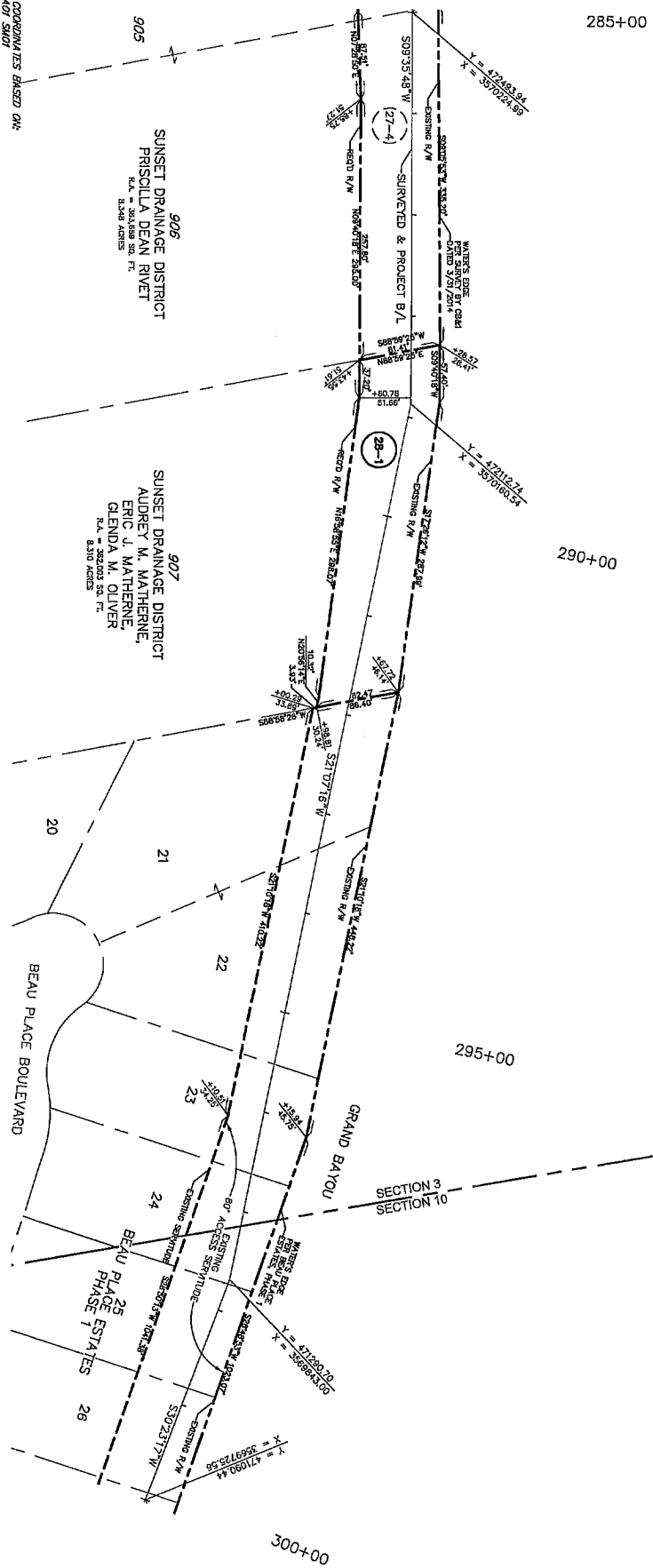
RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+07.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

DATE: 10/6/2015 10:00
DRAWN BY: T.P.T.
SCALE: 1" = 50'
COMPUTED BY: S.F.F.

SHIRLEY P. FINE
REGISTERED PROFESSIONAL SURVEYOR
NO. 1553
STATE OF LOUISIANA

NSC DWS NO. 11553, WD206, RSC, ROW

SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 15 S - R 20 E
SECTIONS 3 & 10



LEGEND

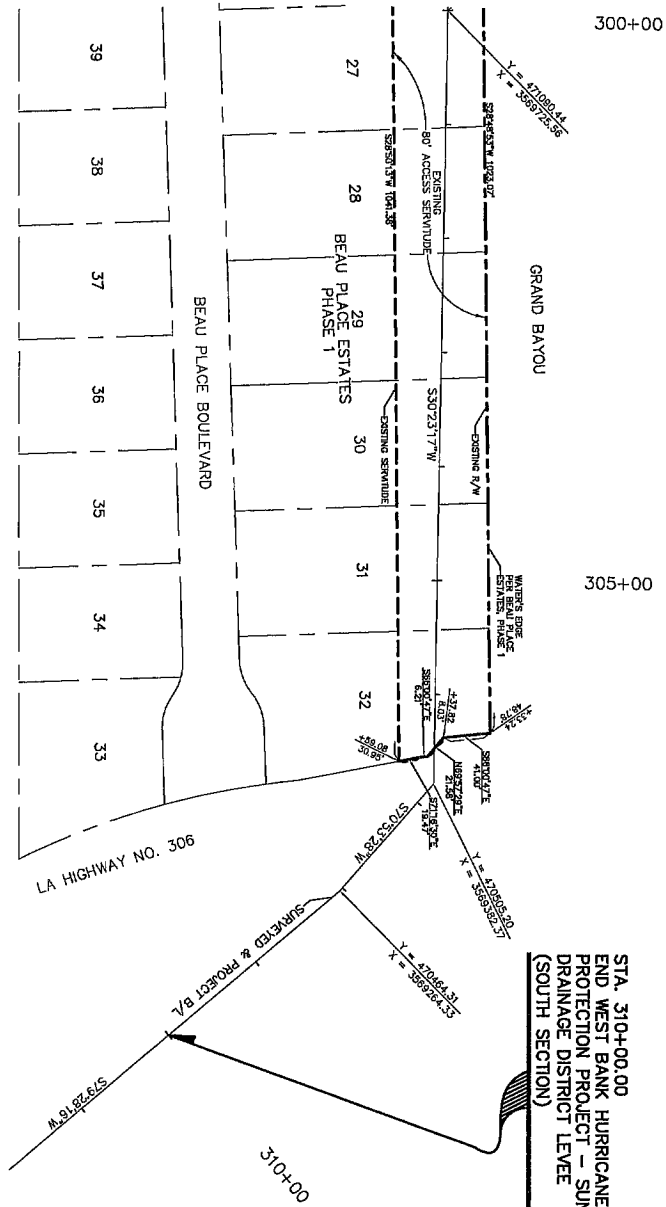
[illegible]

RESIDUAL AVERAGE NOTE
RESIDUAL AVERAGE'S SHOWN ARE CALCULATED FOR INFORMATION PURPOSES ONLY.
1. GEOMETRY: THESE PLAT REPRESENTS AN ACTUAL ROUTE SURVEY MADE BY ONE OF THOSE UNDER A STATE AND COMPLIES WITH THE REQUIREMENTS OF ILLINOIS'S STANDARDS OF PRACTICE FOR BOUNDARY SURVEYS FOR A CLASS D ROUTE SURVEY SPECIFICALLY CHAPTER 2809 - ROUTE SURVEY.

L'OUJRCHE BASIN LEEZE DISTRICT
 AND
 PARISH OF ST. CHARLES
 RIGHT OF WAY MAP
 WEST BANK HURRICANE PROTECTION LEEZE
 SURVEY DRAINAGE DISTRICT LEEZE
 ST. CHARLES PARISH, LOUISIANA
 STA. 830+00.00 TO 963+02.17 (NORTH SECTION)
 10+00.00 TO 310+00.00 (SOUTH SECTION)



SOUTHEASTERN LAND DISTRICT
WEST OF THE MISSISSIPPI RIVER
T 15 S - R 20 E
SECTION 10



STA. 310+00.00
END WEST BANK HURRICANE
PROTECTION PROJECT - SUNSET
DRAINAGE DISTRICT LEVEE
(SOUTH SECTION)

ESTABLISHMENT OF COORDINATES BASED ON:
DESIGNATION: BAYOU SOUT
FID: D15816
STATE/COUNTY: LA/ST. CHARLES PARISH
UNITS: QUAD: T15N R20E (780) 207888.85(14) ADJUSTED
MAD: 88.172 (METERS) 5170 (FEET)
GPS OBS: 2008.81
RETIREMENT DATE: DECEMBER 8, 2010
BEARINGS SHOWN HEREON ARE GRID
BEARINGS BASED ON THE LOUISIANA STATE
PLANE COORDINATE SYSTEM SOUTH ZONE
MAD 83 (2007).

LEGEND

- REQUIRED RIGHT OF WAY LINE
- PROPERTY LINE
- LOT LINE
- LIMITS OF CONSTRUCTION
- EXISTING RIGHT OF WAY LINE
- SECTION LINE
- DRAINAGE SEPARATOR
- EXISTING SEPARATOR

PARCEL	OWNER	ACQUISITION	AREA	ESTATE TYPE

I CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL ROUTE
SURVEY MADE BY ME, OR BY THOSE UNDER MY DIRECTION, AND
COMPLIES WITH THE REQUIREMENTS OF LOUISIANA'S STANDARDS
AND PRACTICES FOR PROFESSIONAL SURVEYORS' PLAT CLASS D ROUTE
SURVEY SPECIFICALLY CHAPTER 2809 - ROUTE SURVEY.

RESIDUAL AGENCY NOTE:
RESIDUAL AGENCIES SHOWN ARE CALCULATED FOR INFORMATION
THE RESIDUAL AGENCIES ARE SUBJECT TO REVIEW AND
VERIFICATION BY TITLE AND SURVEY.

DATE	DESCRIPTION	BY
	REVISIONS	

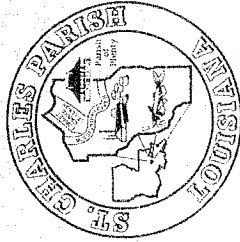
LAFOURCHE BASIN LEVEE DISTRICT
AND
PARISH OF ST. CHARLES

RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE
ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 968+02.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

DATE: 10/6/2015 10:28 SCALE: 1" = 50'
DRAWN BY: T.R.T. COMPILED BY: S.P.F. SHEET NO. 29

REGISTERED PROFESSIONAL SURVEYOR
STATE OF LOUISIANA
NO. 11553
J. P. Hume

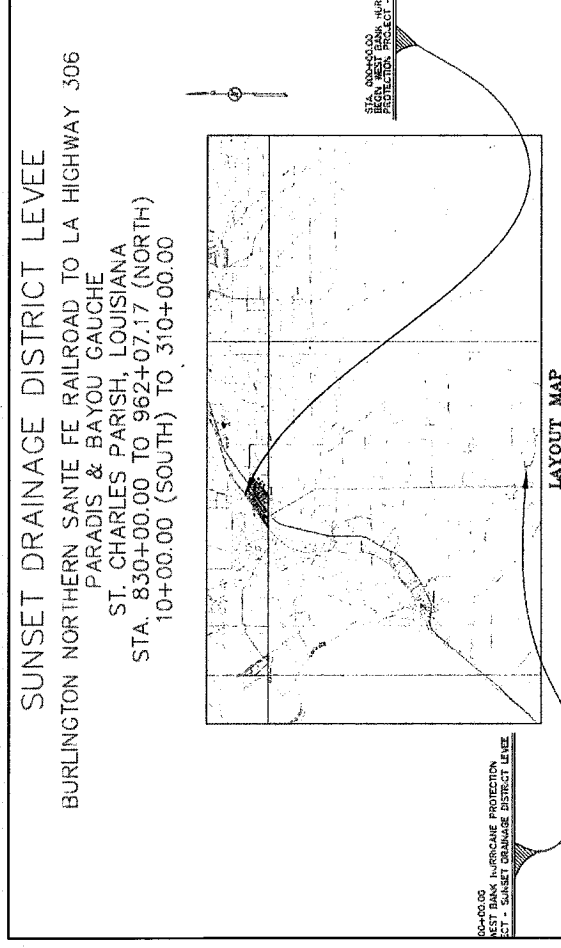




Sunset Land Acquisition

2014- 6280

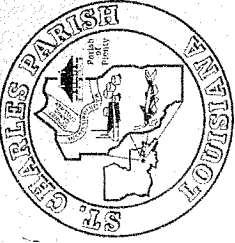
- Final Right-of-Way maps and Legal Descriptions have been prepared.
- Twenty seven (27) parcels impacting twenty three (23) property owners.
- Appraisal Process has started; expected to take approximately 3 months for completion.
- Copy of tight-of-way acquisition notification letters were sent to all property owners on October 22, 2015 (copy included)
- Property negotiations are scheduled to be complete by the end of the first quarter of 2016.



RIGHT OF WAY MAP
WEST BANK HURRICANE PROTECTION LEVEE
SUNSET DRAINAGE DISTRICT LEVEE

ST. CHARLES PARISH, LOUISIANA
STA. 830+00.00 TO 962+07.17 (NORTH SECTION)
10+00.00 TO 310+00.00 (SOUTH SECTION)

ST. CHARLES PARISH



Sunset Land Acquisition

- 10/6/2015 - Notice to Proceed to Appraisers was issued
- 10/7/2015 - Final Right of Way Maps and Legal Descriptions were received
- 10/22/2015 - Project Notification Letters were sent to Landowners by LBLD
- 1/18/2016 - Appraisals efforts are scheduled to be complete
- 1/29/2016 - All landowner offers to be submitted
- 3/31/2016 - Final deadline for landowner negotiations
- 04/2016 - If needed, expropriation requests will be on the SCP Council agenda
- 5/2/2016 – If needed, LBLD to adopt Resolutions authorizing expropriation



RANDY J. TROSCLAIR
Executive Director

Michael McKinney, Sr.
President

Marlin Rogers
Vice President

LBLD

COMMISSIONERS

Leonce Carmouche
Assumption Parish
Joseph Dantin
St. Charles Parish
Stanley Folse
St. James Parish
James P. Jasmin
St. James Parish
Whitney P. Jasmin, Jr.
St. John the Baptist
Robert LeBlanc
Assumption Parish
Russell Loupe
St. Charles Parish
Eric Matherne
St. Charles Parish
Michael McKinney, Sr.
Ascension Parish
Marlin Rogers
St. Charles Parish
Wayne Waguespack
St. James Parish

LAFOURCHE BASIN LEVEE DISTRICT

P.O. Box 670 – 21380 Highway 20
Vacherie, LA 70090
(225)265-7545
1-800-827-7034
FAX: (225) 265-7648

October 15, 2015

Landowner
P.O. Box 1234
Paradis, Louisiana 70080

**RE: Right-of-Way Acquisition Notification
Sunset Drainage District Levee
West Bank Hurricane Protection Levee
St. Charles Parish, Louisiana
Parcel X-1**

Dear Landowner,

As you are aware, the Lafourche Basin Levee District in cooperation with St. Charles Parish, is currently planning construction of improvements to the Sunset Drainage District Levee as part of the West Bank Hurricane Protection Levee project.

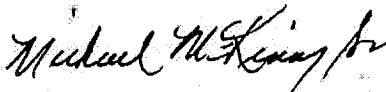
The purpose of the project is to provide documentation showing ownership and control of the levee so that it meets design standards necessary to be certified by FEMA, potentially allowing it to decrease the proposed NFIP flood insurance rates for the communities of Des Allemands, Bayou Gauche, and Paradis. Improvements to the Sunset Levee will also further the ultimate goal of the Parish, which is to protect and preserve the homes and lives of all citizens on the West Bank.

Enclosed please find Sheet ## of the survey map entitled "Right of Way Map, West Bank Hurricane Protection Levee – Sunset Drainage District Levee, St. Charles Parish Louisiana, Sta. 830+00.00 to 962+07.17" prepared by Riverlands Surveying Company, dated October 6, 2015. Also enclosed is the corresponding legal description for the property depicted on the above survey. Please allow this letter to serve as a notification that the District requires a **perpetual levee easement** across the referenced property to complete construction of improvements to the Sunset Drainage District Levee.

Two appraisers will be contacting you to facilitate a site visit to assist in their determination to make a property valuation. The property will be appraised using standard, nationally accepted valuation techniques recognized by authorities in the appraisal field, and taking into consideration the value of the land, its location, and its highest and best use. Once the appraisal has been approved, a fair market value Just Compensation will be offered.

The estimated timeframe for making the above offer is approximately ninety days after all appraisals have been prepared. Please feel free to contact David Rizzo with GCR Inc. at (504) 304-0797 or drizzo@gcrincorporated.com with any questions or concerns you may have regarding this notification.

Sincerely,



Michael McKinney, Sr.
President, Lafourche Basin Levee District

Enclosures

cc: Randy Trosclair, Executive Director, Lafourche Basin Levee District
Larry Buquoi, Board Attorney, Lafourche Basin Levee District
Sam Scholle, Director of Public Works/Wastewater, Parish of St. Charles
David Moyer, Parish Attorney
Lucas Lilly, GCR Inc.
David Rizzo, GCR Inc.

2014-0280

WESTBANK FLOOD PROTECTION SYSTEM

SUNSET DRAINAGE DISTRICT

REACH EVALUATION REPORT

DRAFT FOR REVIEW

Prepared For

**National Flood Insurance Program
Federal Emergency Management Agency
Levee Analysis and Mapping Procedures Program**

Prepared By

**St. Charles Parish Government
Hahnville, Louisiana**

October 2015

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Comments on the FEMA Levee Analysis and Mapping Plan (08/08/2015)

St. Charles Parish, Louisiana
November 5, 2015

1. The Plan is a comprehensive approach to assessing the flood protection features that exist in the parish including natural vegetation, roads, and railroad tracks, as well as the conventional features such as levees, bulkheads, and floodwalls.
2. It takes a phased approach to conducting the LAMP analysis, which includes involvement with the parish in the initial data collection and data analysis steps.
3. The LAMP process, including the involvement of the parish as a Pilot Program, involves technical issues in addition to the regular appeal issues and this has extended the duration of the process.
4. While the LAMP process only considers "existing" flood protection features, the parish will get additional flood protection credit as levee and floodwall improvement projects are completed using Letters of Map Revision (LOMRs).
5. The LAMP analysis will be based upon the any new information that the parish will submit concerning revised still water levels and wave heights.
6. Specific comments on the plan contents will deal with the actual technical/mathematical calculations that FEMA will make in determining the amount of partial credit that will be given to individual flood protection features, that will actually become an ongoing interaction to arrive at the final procedures and results.

New York City DFIRM Appeal

The appeal of FEMA's Preliminary Flood Insurance Rate Maps for New York City is based on the finding that there were two primary sources of bias errors in the storm surge and offshore wave models and methodology that resulted in incorrect BFEs and SHFA boundaries: (1) insufficient extratropical storm model validation; and (2) misrepresentation of tidal effects for extratropical storms.

The technical issue of the poor validation of the NYC model is one of the issues the parish has raised concerning the SCP DFIRMs. Whereas NYC was concerned about insufficient validation of the models used to produce the DFIRMs, for the west bank of St. Charles Parish there was NO VALIDATION of the FEMA storm surge model. Shown in the figures below are the validation data of the FEMA surge model for hurricanes Katrina and Rita. Note that on the West Bank the area to the northwest of Lake Salvador has no data.

This deficiency will be corrected with the new modeling the parish is doing.

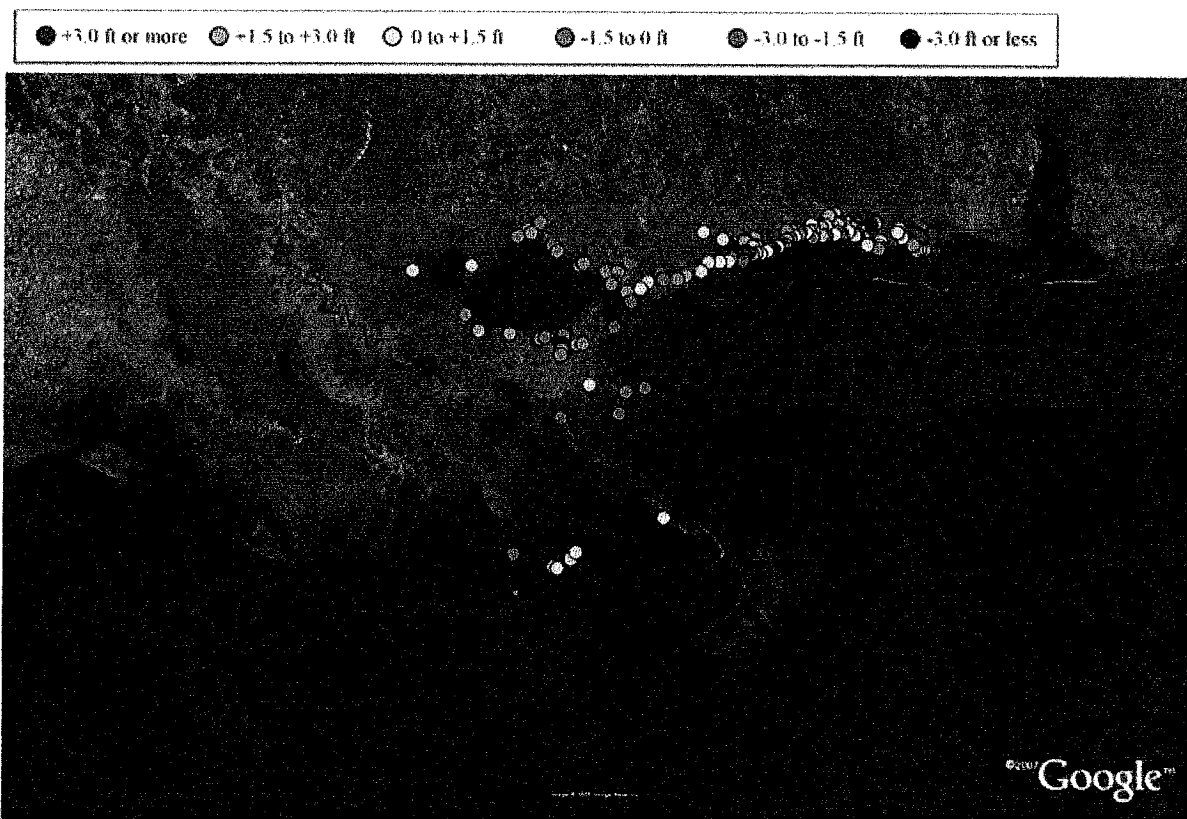


Figure 9. Distribution of errors between observed high water marks and temporal maximums of ADCIRC Katrina hindcast solution, Southeastern Louisiana and Mississippi Coasts.

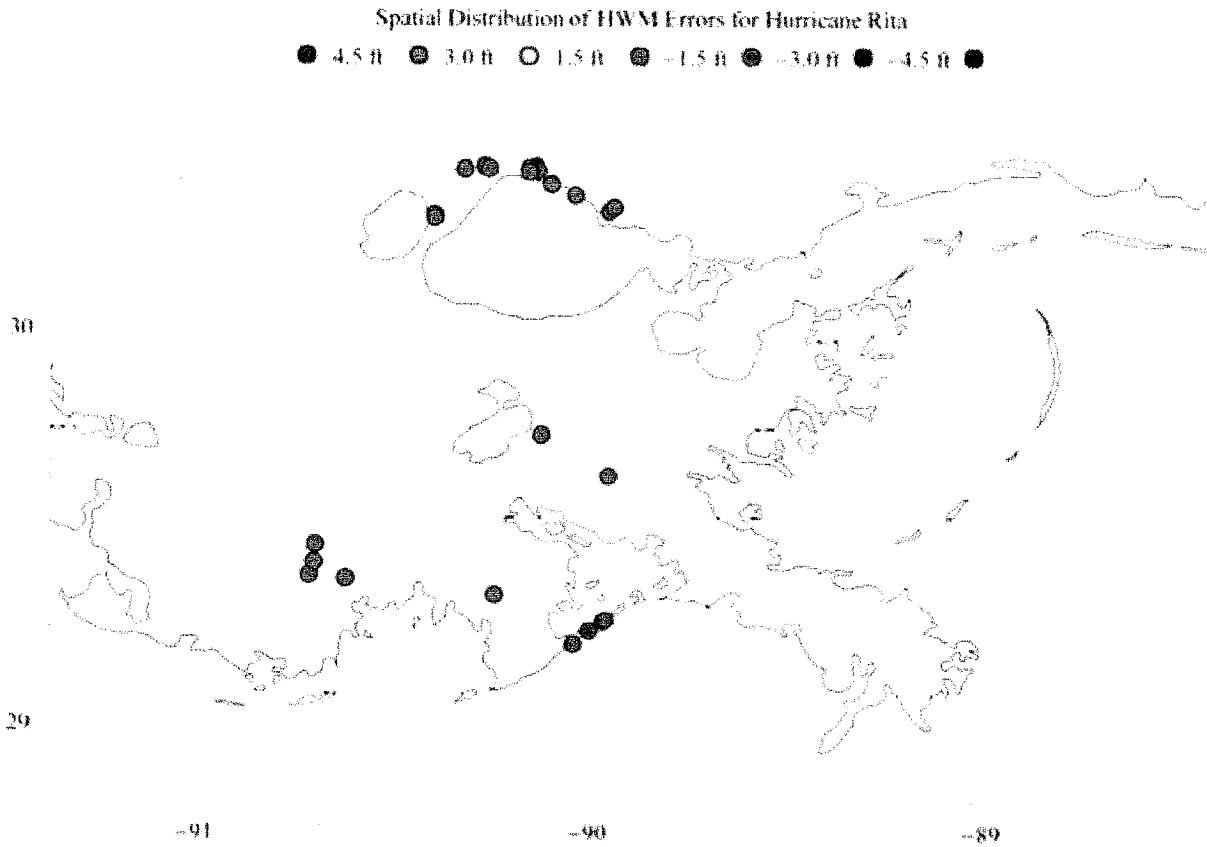


Figure 10. Distribution of errors between observed high water marks and temporal maximums of ADCIRC Rita hindcast solution for Southeastern Louisiana.