

JOINT PUBLIC NOTICE

May 21, 2018

United States Army
Corps of Engineers
New Orleans District
Regulatory Branch, OD-SW
7400 Leake Avenue
New Orleans, Louisiana 70118

(504) 862-1445

Pierre.P.Castaing@usace.army.mil

Project Manager
Pierre Castaing
Permit Application Number
MVN-2017-01393-WRR

State of Louisiana
Department of Environmental Quality
ATTN: Water Quality Certifications
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

(225) 219-3225

Project Manager
Elizabeth Hill
WQC Application Number
WQC 180430-01

Interested parties are hereby notified that a permit application has been received by the New Orleans District of the U.S. Army Corps of Engineers pursuant to: [] Section 10 of the Rivers and Harbors Act of March 3, 1899 (30 Stat. 1151; 33 USC 403); and/or [X] Section 404 of the Clean Water Act (86 Stat. 816; 33 USC 1344).

Application has also been made to the Louisiana Department of Environmental Quality, Water Quality Certifications, for a Water Quality Certification (WQC) in accordance with statutory authority contained in LRS30:2047 A(3), and provisions of Section 401 of the Clean Water Act (P.L.95-17).

WIDENING AND IMPROVEMENTS TO 0.45 MILES OF LA HWY 27 IN CALCASIEU PARISH

NAME OF APPLICANT: Tellurian Investments Inc, c/o Marshall Olson, with Perennial Environmental Services, LLC, 13100 Northwest Freeway, Suite 150, Houston, Texas 77040.

LOCATION OF WORK: Project site is located along LA Hwy 27, Sulphur, Louisiana, in Calcasieu Parish, as shown on the attached drawings.

Latitude: 30.1045/Longitude: -93.3591 Hydrologic Unit Code: 08080206 Calcasieu-Mermentau.

CHARACTER OF WORK: To clear, grade, and fill in order to widen and improve a 0.45 mile stretch of LA Hwy 27, to allow safe travel for vehicles entering and exiting existing facilities in the area. A total of 2.36 acres of emergent wetlands, 0.05 acres of scrub-shrub wetlands, and 0.06 acres of non-wetland waters will be temporarily impacted during construction. A total of 0.35 acres of emergent wetlands and 0.41 acres of non-wetland waters will be permanently impacted via clearing and grading, and redistributing approximately 1,530 cubic yards of fill material. The applicant agrees to compensate for wetland impacts by purchasing credits at a Department of the Army (DA) approved mitigation bank, should a DA permit be issued.

The comment period for the Department of the Army Permit and the Louisiana Department of Environmental Quality WQC will close **20 days** from the date of this joint public notice. Written comments, including suggestions for modifications or objections to the proposed work, stating reasons thereof, are being solicited from anyone having interest in this permit and/or this WQC request and must be mailed so as to be received before or by the last day of the comment period. Letters concerning the Corps of Engineers permit application must reference the applicant's name and the Permit Application Number, and be mailed to the Corps of Engineers at the address above, **ATTENTION: REGULATORY BRANCH**. Similar letters concerning the Water Quality Certification must reference the applicant's name and the WQC Application number and be mailed to the Louisiana Department of Environmental Quality at the address above. Individuals or parties may request an extension of time in which to comment on the proposed work by writing or e-mailing the Corps of Engineers Project Manager listed above. Any request must be specific and substantively supportive of the requested extension, and received by this office prior to the end of the initial comment period. The Section Chief will review the request and the requestor will be promptly notified of the decision to grant or deny the request. If granted, the time extension will be continuous to the initial comment period and, inclusive of the initial comment period, will not exceed a total of 30 calendar days.

The application for this proposed project is on file with the Louisiana Department of Environmental Quality and may be examined during weekdays between 8:00 a.m. and 4:30 p.m. Copies may be obtained upon payment of costs of reproduction.

Corps of Engineers Permit Criteria

The decision whether to issue a permit will be based on an evaluation of the probable impacts, including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers is soliciting comments from the public, federal, state, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the U.S. Army Corps of Engineers to determine whether to make, modify, condition, or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

The New Orleans District is unaware of properties listed on the National Register of Historic Places near the proposed work. The possibility exists that the proposed work may damage or destroy presently unknown archeological, scientific, prehistoric, historical sites, or data. Copies of this public notice are being sent to the State Archeologist and State Historic Preservation Officer regarding potential impacts to cultural resources.

The New Orleans District has determined that the proposed activity will have no effect on any listed threatened or endangered species based on the Standard Local Operating Procedure for Endangered Species of Louisiana (SLOPES), dated October 22, 2014, between the U.S. Army Corps of Engineers and U.S. Fish and Wildlife Service, Ecological Services Office.

Our initial finding is that the proposed work would not affect any species, nor affect any habitat designated as critical to the survival and recovery of such species, listed as endangered by the U.S. Department of Commerce.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. The applicant's proposal would result in the destruction or alteration of **N/A** acres of EFH utilized by various life stages of red drum and penaeid shrimp. Our initial determination is that the proposed action would not have a substantial adverse impact on EFH or federally managed fisheries in the Gulf of Mexico. Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the National Marine Fisheries Service.

If the proposed work involves deposits of dredged or fill material into navigable waters, the evaluation of the probable impacts will include the application of guidelines established by the Administrator of the Environmental Protection Agency. Also, a certification that the proposed activity will not violate applicable water quality standards will be required from the Department of Environmental Quality, Water Quality Certifications, before a permit is issued.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, the reasons for holding a public hearing.

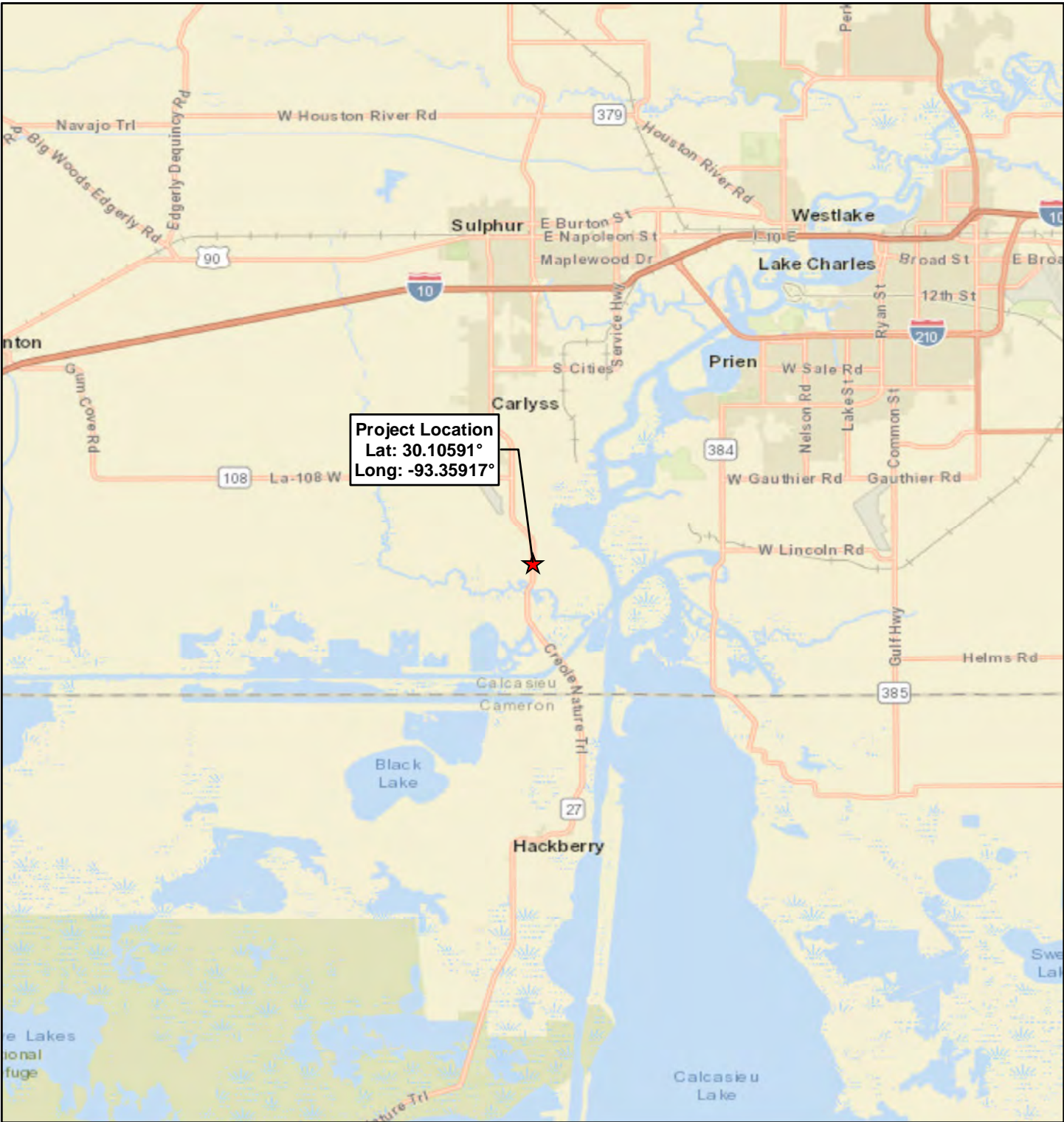
You are requested to communicate the information contained in this notice to any other parties whom you deem likely to have interest in the matter.

Darrell S. Barbara
Chief, Western Evaluation Section

Enclosure

Attachment 1
Project Mapping

Project Vicinity Map



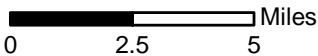
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 Long: -93.35917°



★ Project Location

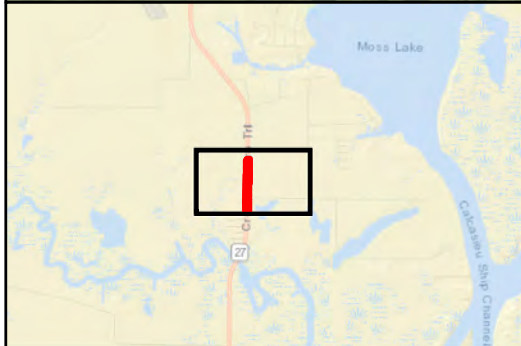
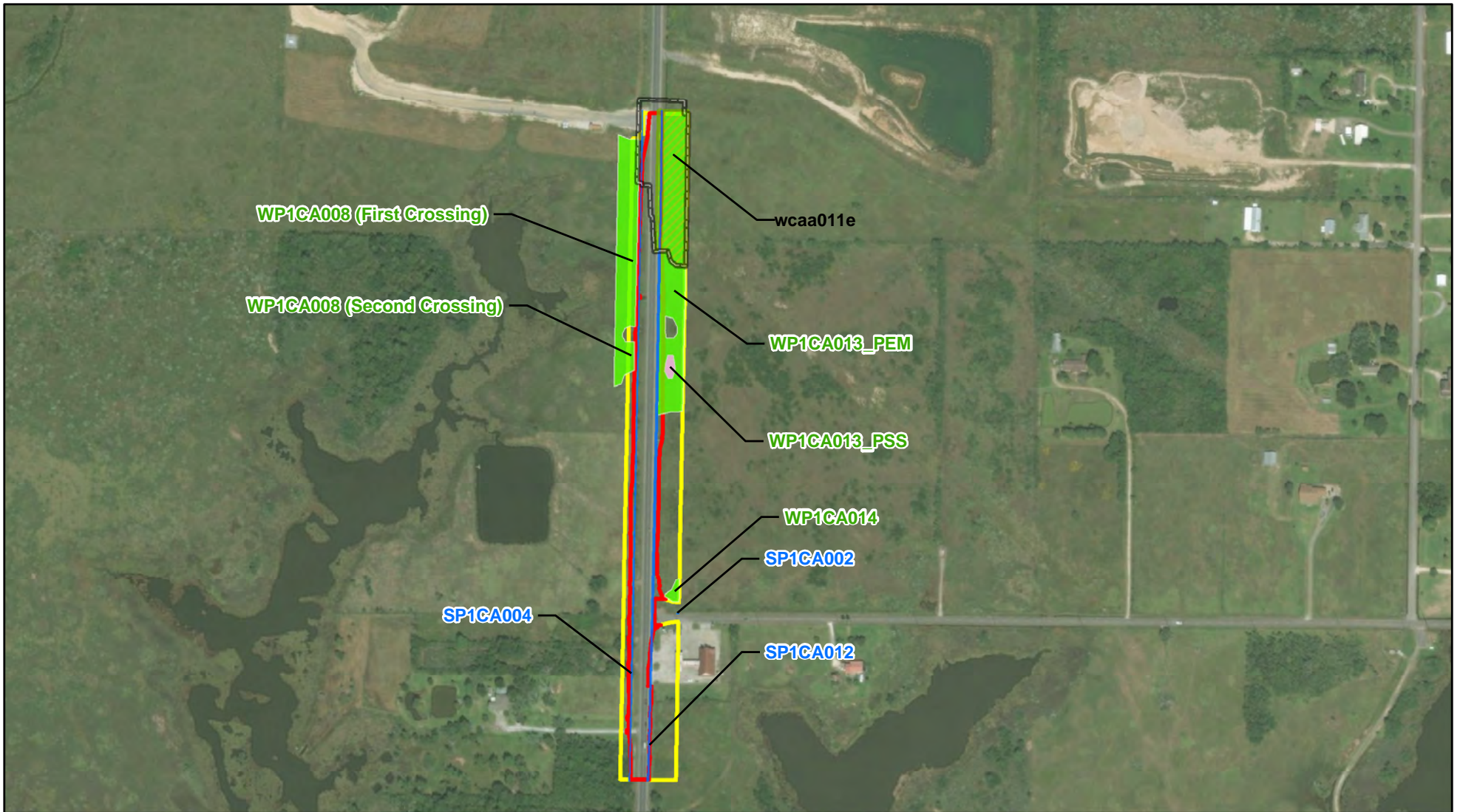


Vicinity Map
 HWY 27 Widening Project
 Tellurian Investments Inc.
 Calcasieu Parish, Louisiana

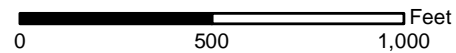


Page 1 of 1	Scale: 1:250,000
GCS WGS 1984	Date: April, 2018

Project Aerial Maps



- Temporary Workspace
- Permanent Workspace
- Previously Surveyed and Submitted
- ✚ Perennial PEM Wetland
- ✚ Perennial PSS Wetland
- ✚ ERM PEM Wetland
- 🌊 Perennial Stream



Aerial Map
HWY 27 Widening Project
 Tellurian Investments Inc.
 Calcasieu Parish, Louisiana

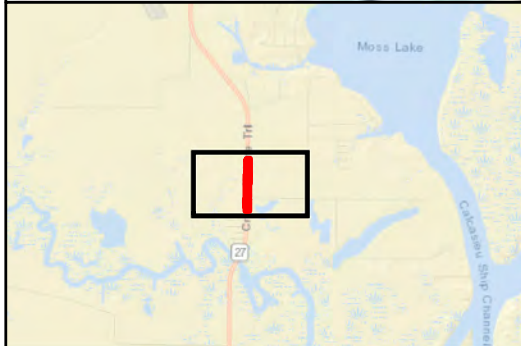
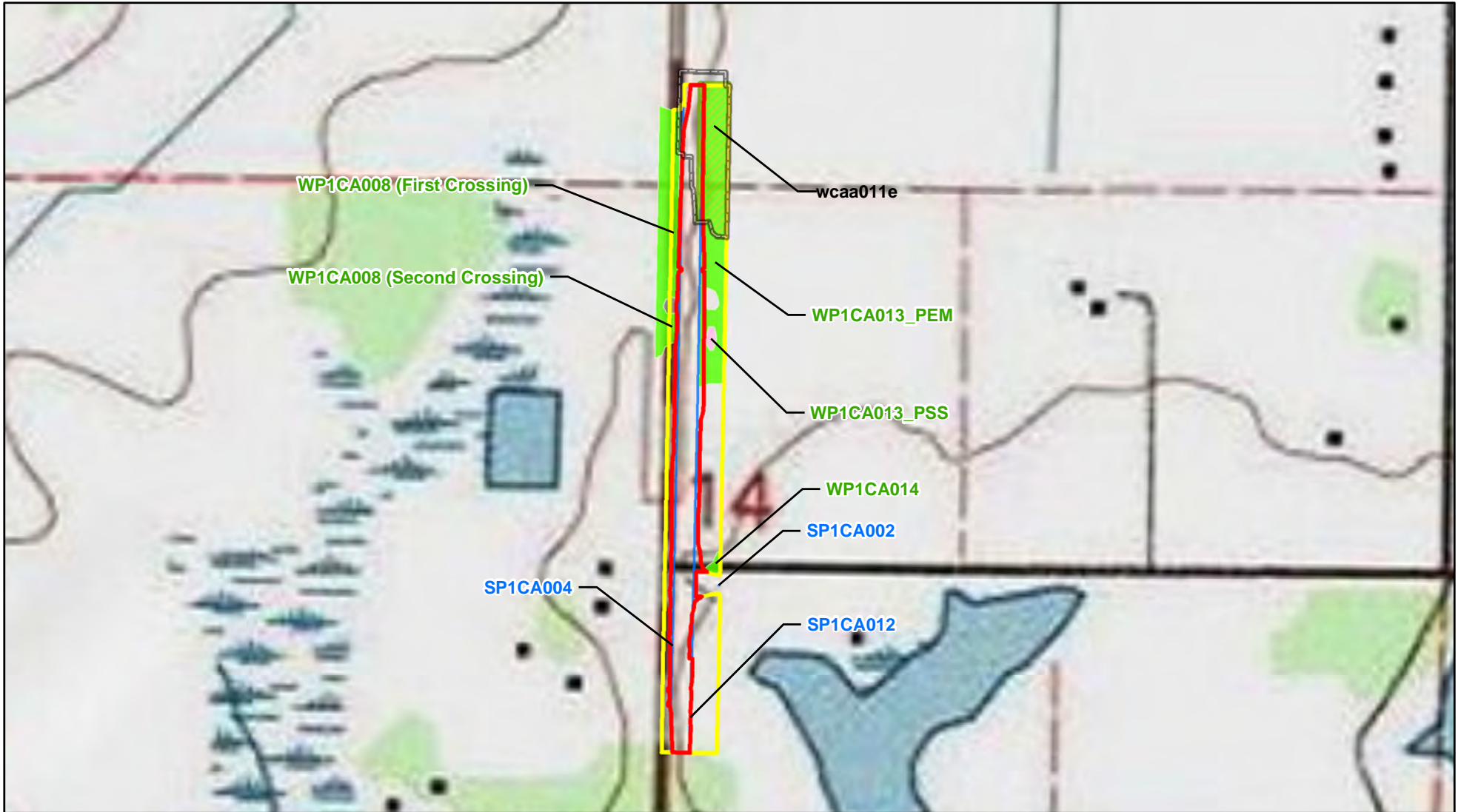
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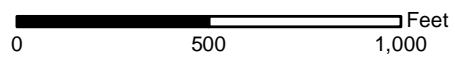
NAD 83 LA-South ft.

Date: April, 2018

Topographic Maps



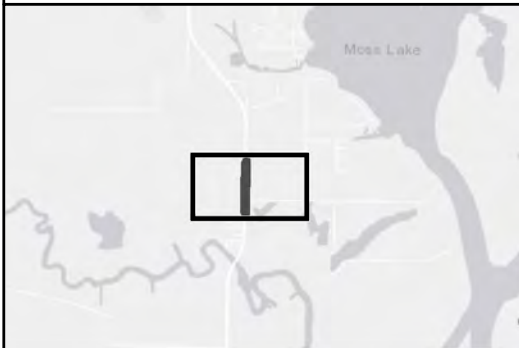
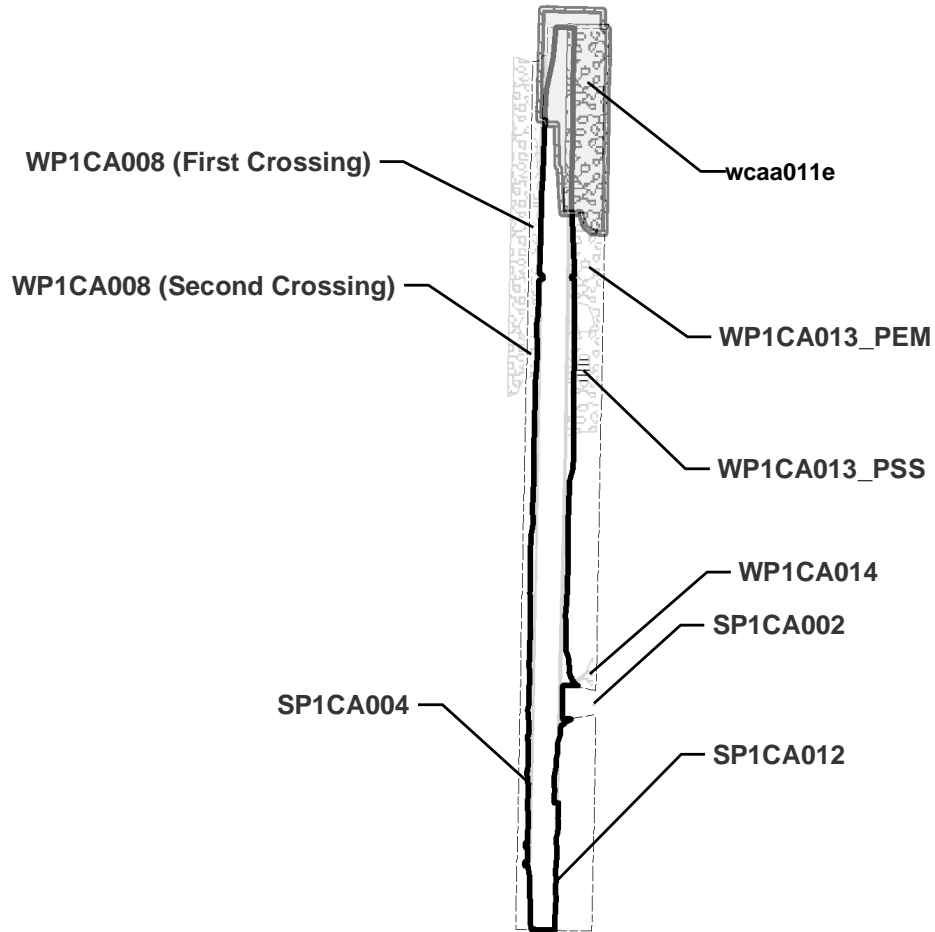
- Permanent Workspace
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- Previously Surveyed and Submitted
- Perennial PEM Wetland
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- Perennial Stream










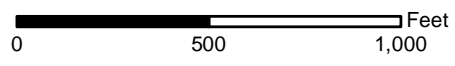
Topographic Map
HWY 27 Widening Project
 Tellurian Investments Inc.
 Calcasieu Parish, Louisiana

Page 1 of 1	Scale: 1:6,000
NAD 83 LA-South ft.	Date: April, 2018

Plan View Maps



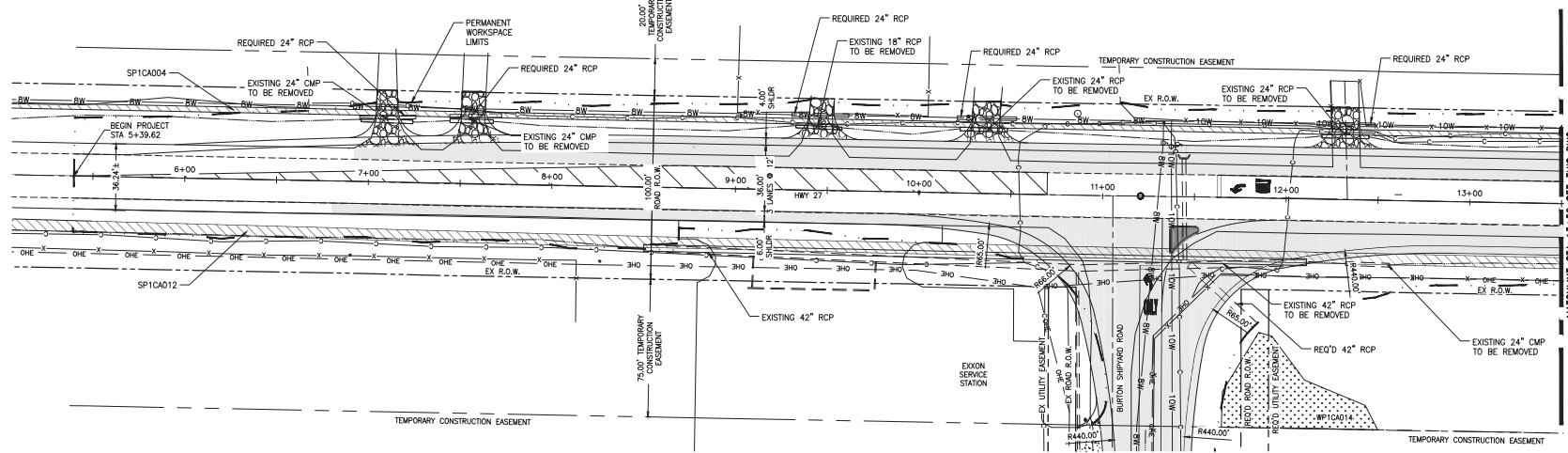
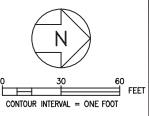
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-  Perennial Stream



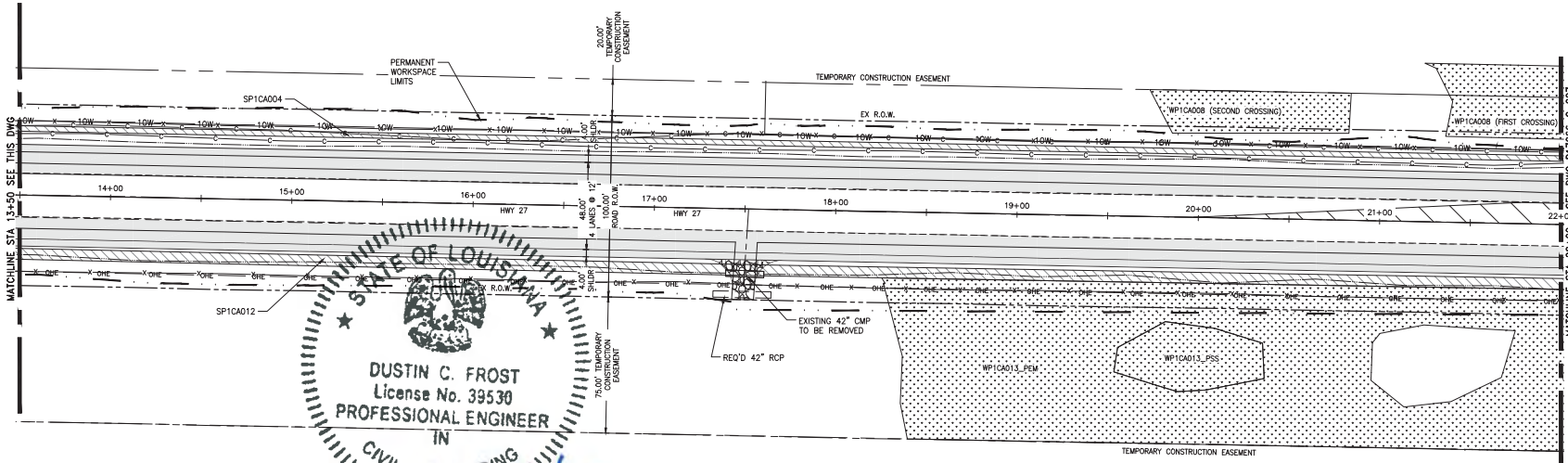
Plan View Map
HWY 27 Widening Project
 Tellurian Investments Inc.
 Calcasieu Parish, Louisiana

Page 1 of 1	Scale: 1:6,000
NAD 83 LA-South ft.	Date: April, 2018

Plan and Profile Drawings



MATCHLINE STA 13+50 SEE THIS DWG



MATCHLINE STA 22+00 SEE THIS DWG

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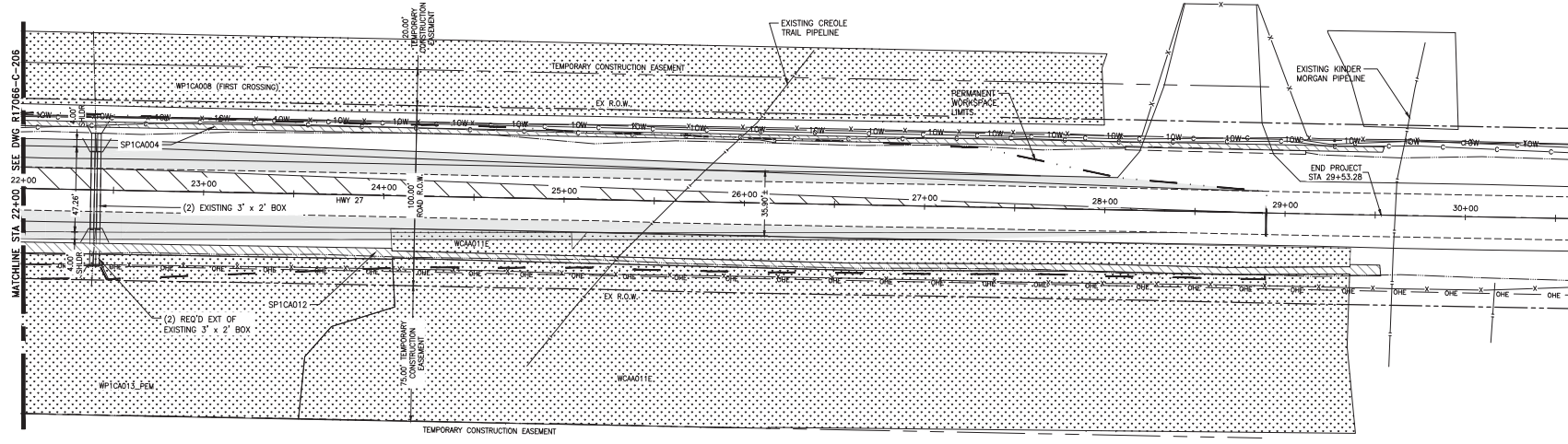
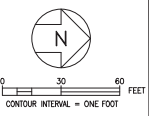
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REVISION					

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DESIGNED BY	DCF	2/8/18
CHECKED BY	JSS	2/8/18
APPROVED BY	JSS	2/8/18
HGA JOB NO.	17066	
PLOT SCALE	1:1	
MODEL ID	17066	



TELLURIUM INVESTMENTS, INC.
 ROAD ACCESS IMPROVEMENTS
 HIGHWAY 27
 PLAN VIEW

SCALE	DRAWING NUMBER	REV
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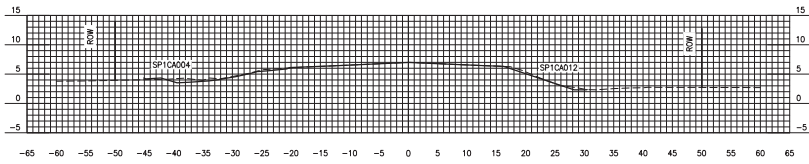
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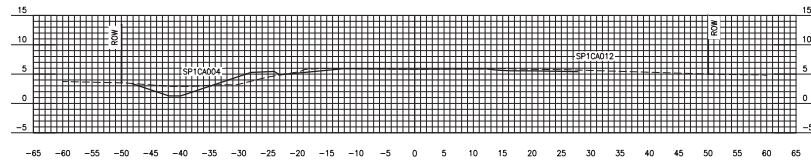


TELLURIAN INVESTMENTS, INC. ROAD ACCESS IMPROVEMENTS HIGHWAY 27 PLAN VIEW		
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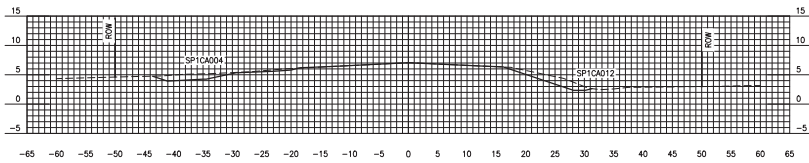
Cross Section Drawings



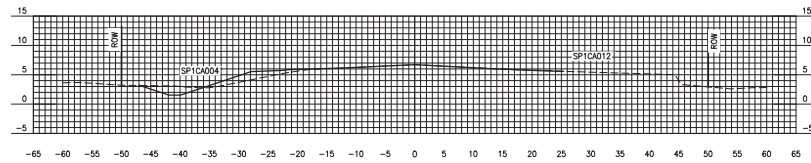
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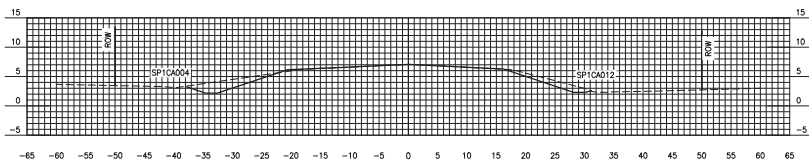
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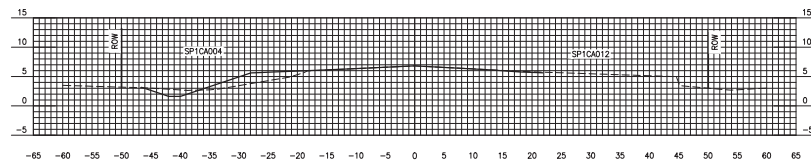
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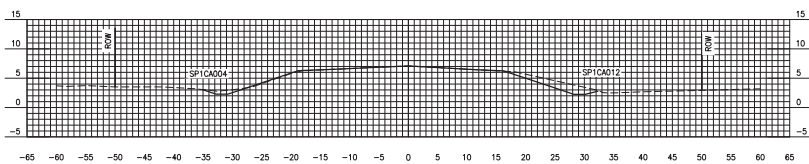
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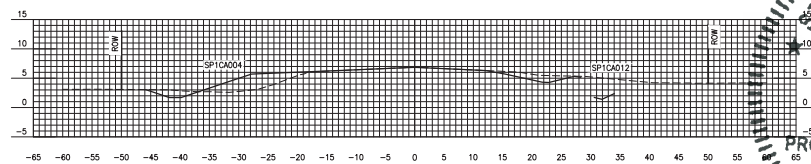
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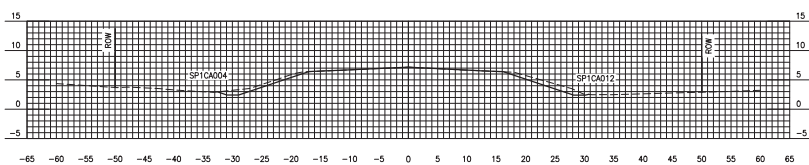
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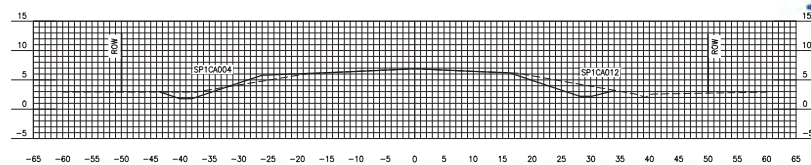
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CROSS SECTION 2050
STATION 5+66.77



CROSS SECTION 1800
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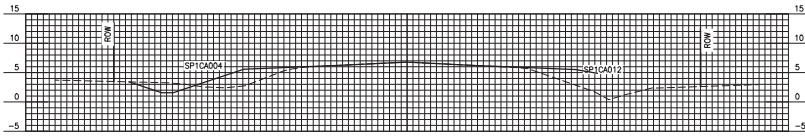
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A	ISSUE FOR PRELIMINARY REVIEW	DCF	12/04/17	JSS	12/04/17	

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DESIGNED BY	RJH	12/04/17
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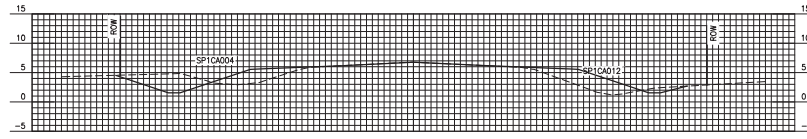
HGA
 Engineering
 www.hga-nc.com
 Home Office: Ruston, LA
 T: 318-255-6825
 FROM #: LA EF-0002137

TELLURIAN INVESTMENTS, INC.
 ROAD ACCESS IMPROVEMENTS
 HIGHWAY 27
 CROSS SECTIONS

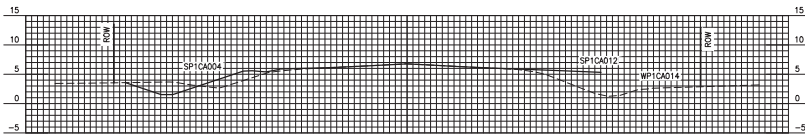
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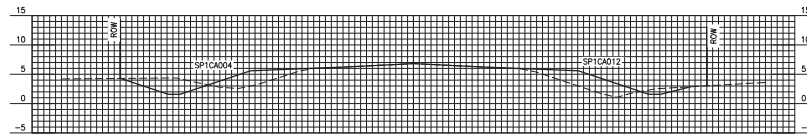
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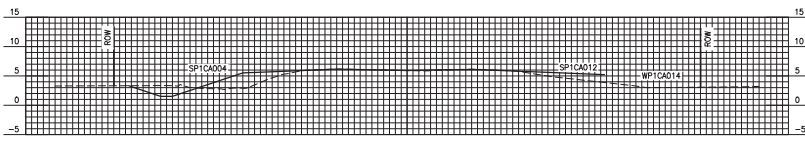
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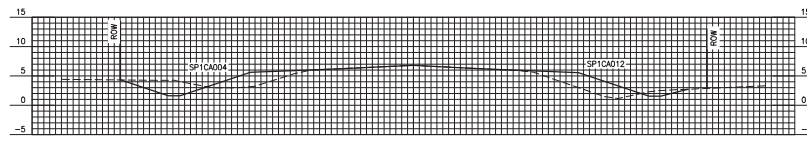
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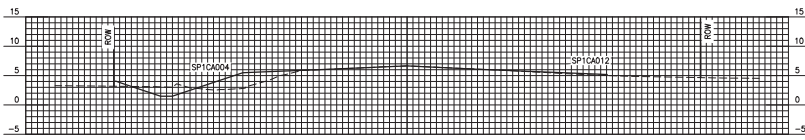
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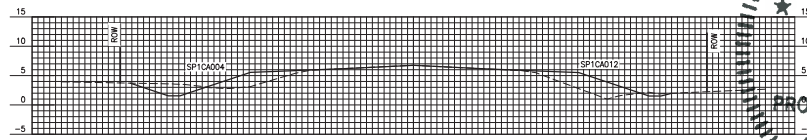
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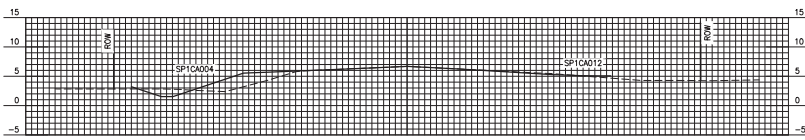
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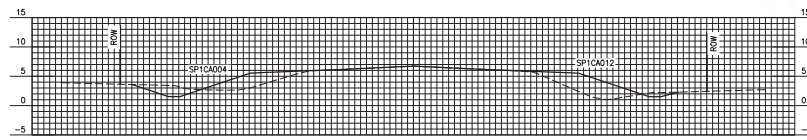
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CROSS SECTION 1300
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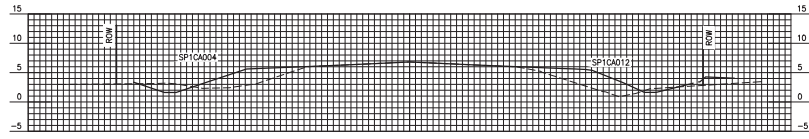
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PLOT SCALE	1:1	
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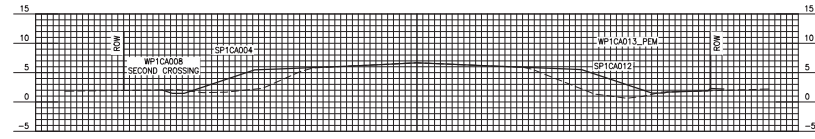
HGA
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 www.hga-nc.com
 Home Office: Ruston, LA
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 FROM # LA EF.0002137

TELLURIAN INVESTMENTS, INC.
 ROAD ACCESS IMPROVEMENTS
 HIGHWAY 27
 CROSS SECTIONS

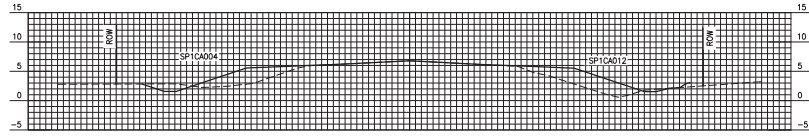
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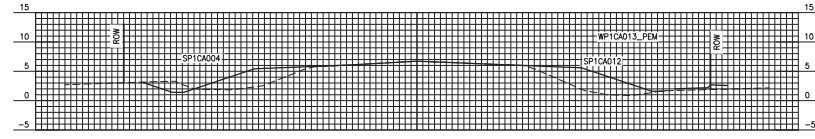
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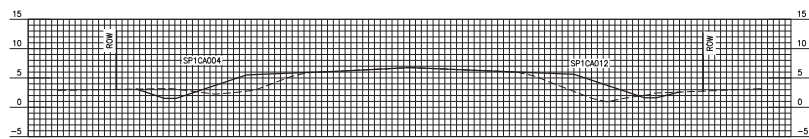
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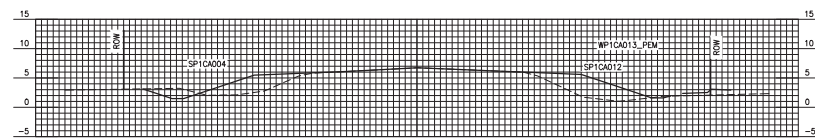
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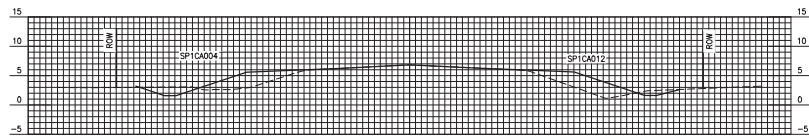
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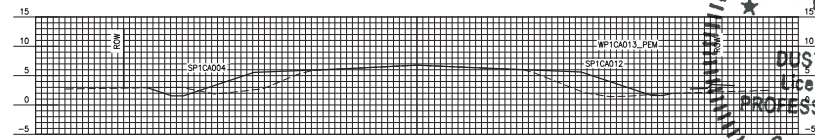
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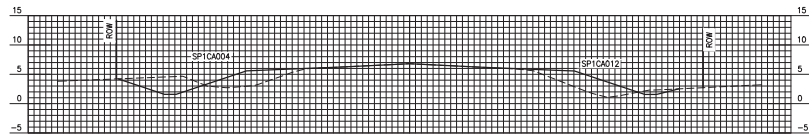
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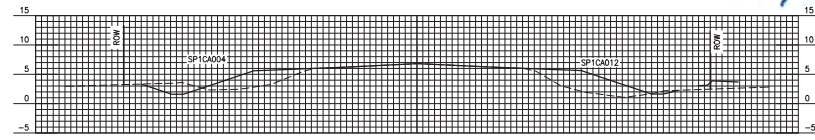
CROSS SECTION 1000
STATION 16+16.68




CROSS SECTION 750
STATION 18+66.89



CROSS SECTION 1050
STATION 15+66.86



CROSS SECTION 800
STATION 18+16.70

STATE OF LOUISIANA

 DUSTIN C. FROST
 License No. 39530
 PROFESSIONAL ENGINEER
 IN
 CIVIL ENGINEERING
Dustin C. Frost
 2/9/18

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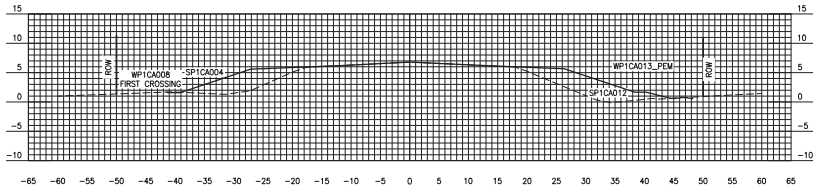
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D	ISSUE FOR PERMITTING	DCF	2/9/18	JSS	2/9/18	
C	ISSUE FOR PERMITTING	DCF	01/31/18	JSS	01/31/18	
B	ISSUE FOR PRELIMINARY REVIEW	DCF	01/18/18	JSS	01/18/18	
A	ISSUE FOR PRELIMINARY REVIEW	DCF	12/04/17	JSS	12/04/17	

DRAWN BY	RJH	12/04/17
DESIGNED BY	RJH	12/04/17
CHECKED BY	DCF	12/04/17
APPROVED BY	JSS	12/04/17
HGA JOB NO.	17066	
PLOT SCALE	1:1	
MODEL ID	17066	

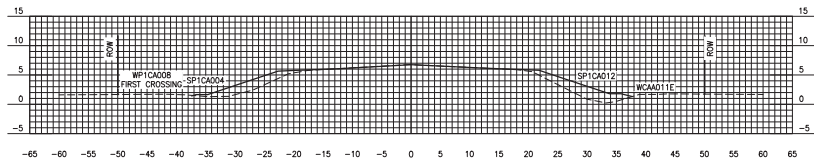
HGA
 Engineering
 www.hga-nc.com
 Home Office: Ruston, LA
 T: 318-255-6825
 FIRM #: LA EF-0002137

TELLUR INVESTMENTS, INC.
 ROAD ACCESS IMPROVEMENTS
 HIGHWAY 27
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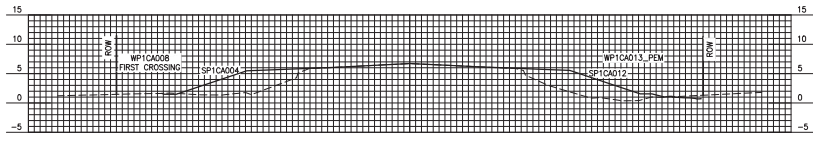
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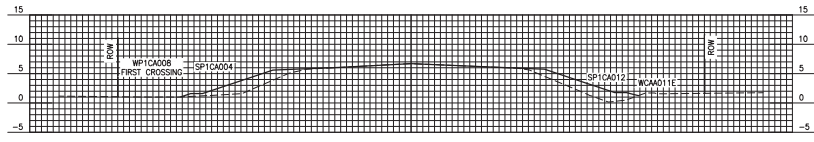
CROSS SECTION 350
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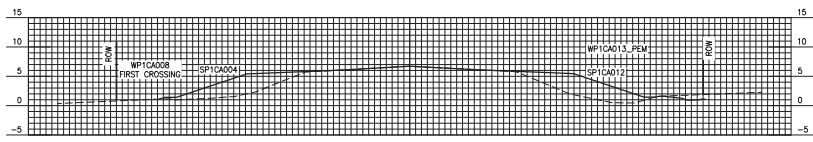
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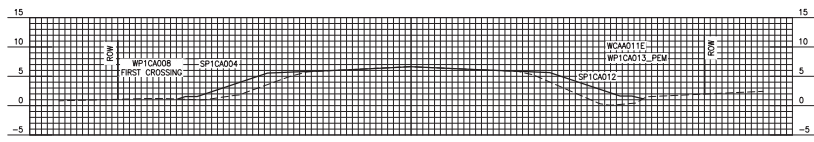
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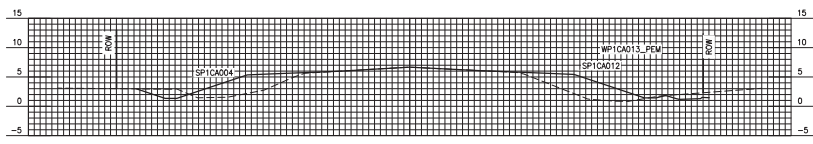
CROSS SECTION 150
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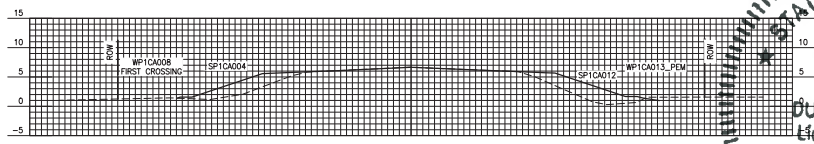
CROSS SECTION 450
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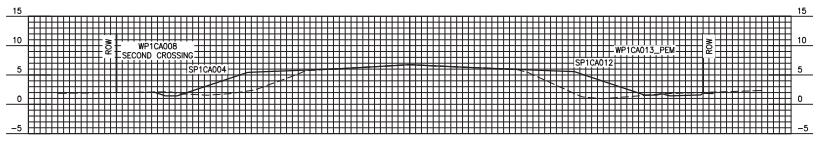
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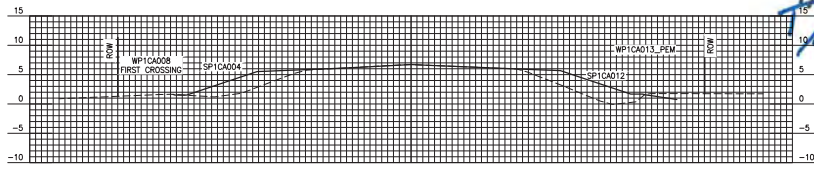
CROSS SECTION 500
STATION 21+16.72



CROSS SECTION 250
STATION 23+66.92



CROSS SECTION 550
STATION 20+66.89



CROSS SECTION 300
STATION 23+16.74



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A	ISSUE FOR PRELIMINARY REVIEW	DCF	12/04/17	JSS	12/04/17	

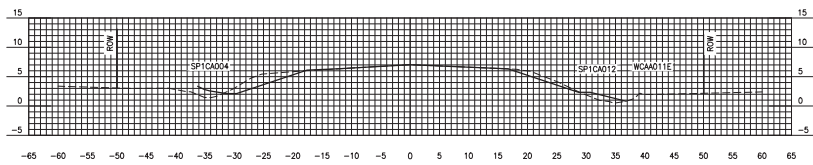
DRAWN BY	RJH	12/04/17
DESIGNED BY	RJH	12/04/17
CHECKED BY	DCF	12/04/17
APPROVED BY	JSS	12/04/17
HGA JOB NO.	17066	
PLOT SCALE	1:1	
MODEL ID	17066	



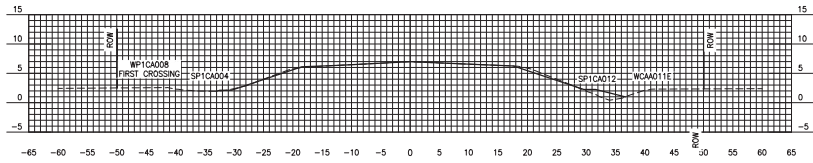
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HIGHWAY 27
CROSS SECTIONS

SCALE	DRAWING NUMBER	REV
1" = 40'	R17066-SK-C-033	D

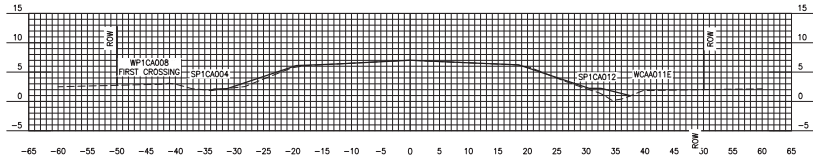
www.hga-nc.com
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Tel: 318-255-6825
FIRM #: LA EF.0002137



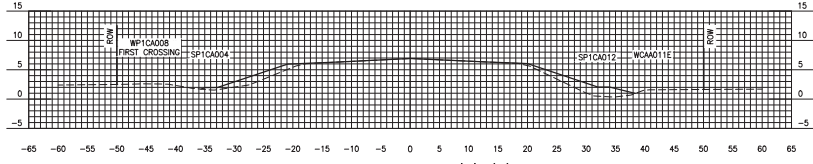
CROSS SECTION 0 (3)
STATION 28+00.00



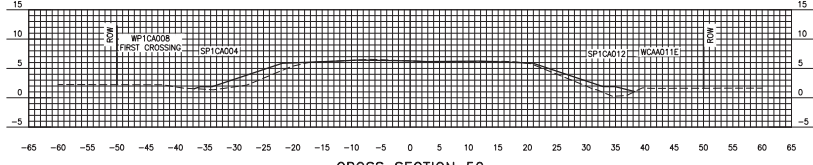
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STATION 27+50.00



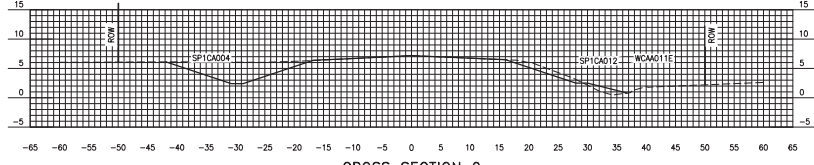
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STATION 27+00.00



CROSS SECTION 0 (1) (1)
STATION 26+16.77



CROSS SECTION 50
STATION 25+66.94



CROSS SECTION 0
STATION 28+50.00



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REVISION						

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DESIGNED BY	RJH	12/04/17
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HGA JOB NO.	17066	
PLOT SCALE	1:1	
MODEL ID	17066	



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SCALE	DRAWING NUMBER	REV
1" = 40'	R17066-SK-C-034	D