



ST. TAMMANY PARISH

MICHAEL B. COOPER
PARISH PRESIDENT

NOTICE TO BIDDERS

ST. TAMMANY PARISH

Sealed bids will be received by the Department of Procurement, until **2:00 p.m., Wednesday, October 11, 2023**, and then opened and read publicly at that time by the Procurement Staff for the following project:

Bid # 23-35-2 – Pearl River Diversion Canal Restoration

Each paper bid must be submitted in a sealed envelope. The outside of the envelope shall show the Name and Address of the Bidder, the State Contractor's License Number of the Bidder (if the work is estimated at \$50k or more), the Bid Name and the Bid Number.

The project classification is:

Heavy Construction with Specialty - Dredging

This bid package is available online at www.bidexpress.com or LaPAC <https://wwwcfprd.doa.louisiana.gov/osp/lapac/pubmain.cfm>.

It is the Vendor's responsibility to check Bid Express, or LaPAC frequently for any possible addenda that may be issued. The Parish is not responsible for a Vendor's failure to download any addenda documents required to complete a submission.

A Non-Mandatory pre-bid meeting will be held at the Staff Conference Room, 3rd Floor, located at St. Tammany Parish Government Administrative Complex, 21454 (Building B) Koop Drive, Mandeville, LA 70471 on Thursday, September 28, 2023 at 2:00 pm.

Bids will be received at 21454 Koop Dr., Suite 2F, Mandeville, LA 70471 from each bidder or his agent and given a written receipt, by certified mail with return receipt requested, or electronically at www.bidexpress.com.

Procurement Department

BID PROPOSAL

ST. TAMMANY PARISH
GOVERNMENT



BID PACKAGE FOR

PEARL RIVER DIVERSION CANAL RESTORATION STP PROJECT NO. DV21000097

BID NO.: 23-35-2

September 1, 2023

Engineers Estimate: \$1,664,300

Section 01

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Section 02

Instructions to Bidders

Bidders are urged to promptly review the requirements of this specification and submit questions for resolution as early as possible during the bid period. Questions or concerns must be submitted in writing to the Procurement Department no later than 2:00 CST seven (7) working days prior to the bid opening date. Otherwise, this will be construed as acceptance by the bidders that the intent of the specifications is clear and that competitive bids may be obtained as specified herein. Protests with regard to the specification documents will not be considered after bids are opened.

1. Bid security is required. Be sure that your bid includes such security as is necessary to meet Parish requirements and is properly signed. The bid must be fully completed. All applicable Louisiana license numbers must be affixed.
2. The Owner is the St. Tammany Parish Government (the "Parish").
3. The terms "he/his" and "it/its" may be used interchangeably.
4. The terms "Owner," the "Parish," and "St. Tammany Parish" may be used interchangeably.
5. The successful Bidder understands the limited contract time in the contract is **One Hundred Eighty (180) calendar days**, and shall submit any request for an extension of time in accordance with the General and Supplementary Conditions. Said request will reflect the days requested and the reason for same. No extension request is guaranteed or absolute.
6. Bidder specifically understands that acknowledgment of the General Conditions is required. Bidder specifically understands that signature of receipt of the General Conditions is mandated. **The Bidder's signature on the "Louisiana Uniform Public Work Bid Form" will serve as acknowledgment of the Bidder's receipt and understanding of the General Conditions as well as any Supplementary Conditions.**
7. ***If any additional work is performed by the contractor without written approval by owner, the cost of the work will be borne by the contractor and will not be reimbursed by the Parish.***
8. **Only** the Louisiana Uniform Public Bid Form, the Unit Price Form (if necessary), the bid security, and written evidence of authority of person signing the bid shall be submitted on or before the bid opening time and date provided for in the Bid Documents. Necessary copies of the Louisiana Uniform Public Work Forms and Unit Price Forms (if necessary) will be furnished for Bidding. Bound sets of the Contract Documents are for Bidder's information and should not be used in submitting Bids.
9. All other documents and information required are to be submitted by the low Bidder within ten (10) days after the opening of the bids, and at the same time of day and location as given for the opening of the bids in the Bid Documents.
10. Each Bid must be submitted in a sealed envelope, unless submitted electronically. The outside of the envelope shall show the name and address of the Bidder, the State Contractor's License Number of the Bidder (if work requires contractor's license), and the Project name and the Bid number. In the case of an electronic bid proposal, a contractor may submit an authentic digital signature on the electronic bid proposal accompanied by the contractor's license number, Project name and the Bid number.
11. The price quoted for the Work shall be stated in words and figures on the Bid Form, and in figures only on the Unit Price Form. The price in the Bid shall include all costs necessary for the complete performance of the Work in full conformity with the conditions of the Contract Documents, and shall include all applicable Federal, State, Parish, Municipal or other taxes. The price bid for the items listed on the Unit Price Form will include the cost of all related items not listed, but which are normally required to do the type of Work bid.

12. The Bid shall be signed by the Bidder. The information required on the Louisiana Uniform Public Work Bid Form must be provided. Evidence of agency, corporate, or partnership authority is required and shall be provided in conformance with LSA-R.S. 38:2212(B).
13. Only a Contractor licensed by the State to do the type of Work as indicated on the Notice to Bidders can submit a Bid. The Bidder's signature on the Bid Form certifies that he holds an active license under the provisions of Chapter 24 of Louisiana Revised Statutes Title 37. Failure to be properly licensed constitutes authority for the Owner to reject the Bid.
14. Bidders shall not attach any conditions or provisions to the Bid. Any conditions or provisions so attached may, at the sole option of the Owner, cause rejection of the Bid.
15. A Bid Guarantee of five percent (5%) of the amount of the total Bid, including Alternates, must accompany the Proposal and, at the option of the Bidder, may be a cashier's check, certified check or a satisfactory Bid Bond. The Bid Guarantee must be attached to the Louisiana Uniform Public Work Bid Form. No Bid will be considered unless it is so guaranteed. Cashier's check or certified check must be made payable to the order of the Owner. Cash deposits will not be accepted. The Owner reserves the right to cash or deposit the cashier's check or certified check. Such guarantees shall be made payable to the Parish of St. Tammany. In accordance with LSA-R.S. 38:2218(C), if a bid bond is used, it shall be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the Federal Register, or by a Louisiana domiciled insurance company with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide to write individual bonds up to ten percent of policyholders' surplus as shown in the A.M. Best's Key Rating Guide or by an insurance company in good standing licensed to write bid bonds which is either domiciled in Louisiana or owned by Louisiana residents. It is **not** required to be on any AIA form.
16. Bid securities of the three (3) lowest Bidders will be retained by the Owner until the Contract is executed or until final disposition is made of the Bids submitted. Bid securities of all other Bidders will be returned promptly after the canvas of Bids. Bids shall remain binding for forty-five (45) days after the date set for Bid Opening. The Parish shall act within the forty-five (45) days to award the contract to the lowest responsible bidder or reject all bids. However, the Parish and the lowest responsible bidder, by mutual written consent, may agree to extend the deadline for award by one or more extensions of thirty (30) calendar days. In the event the Owner issued the Letter of Award during this period, or any extension thereof, the Bid accepted shall continue to remain binding until the execution of the Contract.
17. A Proposal may be withdrawn at any time prior to the scheduled closing time for receipt of Bids, provided the request is in writing, executed by the Bidder or its duly authorized representative and is filed with the Owner prior to that time. When such a request is received, the Proposal will be returned to the Bidder unopened. A bid withdrawn under the provisions of LSA-R.S. 38:2214(C) cannot be resubmitted.
18. Written communications, over the signature of the Bidder, to modify Proposals will be accepted and the Proposal corrected in accordance therewith if received by the Owner prior to the scheduled closing time for receipt of Bids. Oral, telephonic or telegraphic Modifications will not be considered.
19. No oral interpretation obligating the Owner will be made to any Bidder as to the meaning of the Drawings, Specifications and Contract Documents. Every request for such an interpretation shall be made in writing and addressed and forwarded to the Owner. Inquiries received within seven (7) days prior to the day fixed for opening of the Bids may not be given consideration. Every interpretation made to the Bidder shall be in the form of an addendum to the Specifications. All such Addenda shall become part of the Contract Documents. Failure of the Owner to send or failure of Bidder to receive any such interpretation shall not relieve any Bidder from any obligation under this Bid as submitted without Modification. All Addenda shall be issued in accordance with the Public Bid Law, LSA-R.S. 38:2212(O).

20. The Owner reserves the right to reject any or all Bids for just cause in accordance with the Public Bid Law, LSA-R.S. 38:2214(B). Incomplete, informal, illegible, or unbalanced Bids may be rejected. Reasonable grounds for belief that any one Bidder is concerned directly or indirectly with more than one Bid will cause rejection of all Bids wherein such Bidder is concerned. If required, a Bidder shall furnish satisfactory evidence of its competence and ability to perform the Work stipulated in its Proposal. Incompetence will constitute cause for rejection. If the Parish determines that the bidder is not responsive or responsible for any reason whatsoever, the bid may be rejected in accordance with State law.
21. Contractor shall be liable without limitation to the Parish for any and all injury, death, damage, loss, destruction, damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities of every name and description, which may occur or in any way arise out of any act or omission of Contractor, its owners, agents, employees, partners or subcontractors.
22. Upon notice of any claim, demand, suit, or cause of action against the Parish, alleged to arise out of or be related to this Contract, Contractor shall investigate, handle, respond to, provide defense for, and defend at its sole expense, even if the claim, demand, suit, or cause of action is groundless, false, or fraudulent. The Parish may, but is not required to, consult with or assist the Contractor, but this assistance shall not affect the Contractor's obligations, duties, and responsibilities under this section. Contractor shall obtain the Parish's written consent before entering into any settlement or dismissal.
23. It is understood and agreed that neither party can foresee the exigencies beyond the control of each party which arise by reason of an Act of God or force majeure; therefore, neither party shall be liable for any delay or failure in performance beyond its control resulting from an Act of God or force majeure. The Parish shall determine whether a delay or failure results from an Act of God or force majeure based on its review of all facts and circumstances. The parties shall use reasonable efforts, including but not limited to, use of continuation of operations plans (COOP), business continuity plans, and disaster recovery plans, to eliminate or minimize the effect of such events upon the performance of their respective duties under this Contract.
24. Contractor shall fully indemnify and hold harmless the Parish, without limitation, for any and all injury, death, damage, loss, destruction, damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities of every name and description, which may occur or in any way arise out of any act or omission of Contractor, its owners, agents, employees, partners or subcontractors. The Contractor shall not indemnify for the portion of any loss or damage arising from the Parish's act or failure to act.
25. Contractor shall fully indemnify and hold harmless the Parish, without limitation, from and against damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities in any action for infringement of any intellectual property right, including but not limited to, trademark, trade-secret, copyright, and patent rights.

When a dispute or claim arises relative to a real or anticipated infringement, the Contractor, at its sole expense, shall submit information and documentation, including formal patent attorney opinions, as required by the Parish.

If the use of the product, material, service, or any component thereof is enjoined for any reason or if the Contractor believes that it may be enjoined, Contractor, while ensuring appropriate migration and implementation, data integrity, and minimal delays of performance, shall at its sole expense and in the following order of precedence: (i) obtain for the Parish the right to continue using such product, material, service, or component thereof; (ii) modify the product, material, service, or component thereof so that it becomes a non-infringing product, material, or service of at least equal quality and performance; (iii) replace the product, material, service, or component thereof so that it becomes a non-infringing product, material, or service of at least equal quality and performance; or, (iv) provide the Parish monetary compensation for all payments made under the Contract

related to the infringing product, material, service, or component, plus for all costs incurred to procure and implement a non-infringing product, material, or service of at least equal quality and performance. Until this obligation has been satisfied, the Contractor remains in default.

The Contractor shall not be obligated to indemnify that portion of a claim or dispute based upon the Parish's unauthorized: i) modification or alteration of the product, material or service; ii) use of the product, material or service in combination with other products not furnished by Contractor; or, iii) use of the product, material or service in other than the specified operating conditions and environment.

26. Bidders shall familiarize themselves with and shall comply with all applicable Federal and State Laws, municipal ordinances and the rules and regulations of all authorities having jurisdiction over construction of the Project, which may directly or indirectly affect the Work or its prosecution. These laws and/or ordinances will be deemed to be included in the Contract, as though herein written in full.
27. Each Bidder shall visit the site of the proposed Work and fully acquaint itself with all surface and subsurface conditions as they may exist so that it may fully understand this Contract. Bidder shall also thoroughly examine and be familiar with drawings, Specifications and Contract Documents. The failure or omission of any Bidder to receive or examine any form, instrument, Drawing or document or to visit the site and acquaint itself with existing conditions shall in no way relieve any Bidder from any obligation with respect to its Bid and the responsibility in the premises.
28. The standard contract form enclosed with the Proposal documents is a prototype. It is enclosed with the Contract Documents for the guidance of the Owner and the Contractor. It has important legal consequences in all respects and consultation with an attorney is encouraged. Contractor shall be presumed to have consulted with its own independent legal counsel.
29. When one set of Contract plans show the Work to be performed by two or more prime Contractors, it is the responsibility of each Bidder to become knowledgeable of the Work to be performed by the other where the Work upon which this bid is submitted is shown to come into close proximity or in conflict with the Work of the other. In avoiding conflicts, pressure pipe lines must be installed to avoid conflict with gravity pipe lines and the Bidder of the smaller gravity pipe line in conflict with the larger gravity pipe line must include in his Bid the cost of a conflict box at these locations. The location of and a solution to the conflicts do not have to be specifically noted as such on the plans.
30. Bidder shall execute affidavit(s) attesting compliance with LSA-R.S. 38:2212.10, 38:2224, 38:2227, each as amended, and other affidavits as required by law, prior to execution of the contract.
31. Sealed Bids shall be delivered to St. Tammany Parish Government at the office of **St. Tammany Parish Government, Department of Procurement, 21454 Koop Drive, Suite 2-F, Mandeville, LA 70471**, and a receipt given, until the time and date denoted in Notice to Bidders, at which time and place the Bids shall be publicly opened and read aloud to those present. In accordance with LSA-R.S. 38:2212(H), the designer's final estimated cost of construction shall be read aloud upon opening bids. Sealed Bids may also be mailed by certified mail to **St. Tammany Parish Government, Department of Procurement, 21454 Koop Drive, Suite 2-F, Mandeville, LA 70471**, and must be received before the bid opening. Bids may also be submitted electronically. Information concerning links for electronic bidding is contained in the Notice to Bidders. It is the responsibility of the Bidders to ensure that bids are delivered in a timely fashion. **Late bids, regardless of reason, will not be considered, and will be returned to bidder.**
32. Paper bids shall be placed in a sealed envelope, marked plainly and prominently as indicated in the Notice to Bidders, and these Instructions, and addressed:

**St. Tammany Parish Government
Department of Procurement
21454 Koop Drive, Suite 2-F
Mandeville, LA 70471**

33. See Notice to Bidders for availability of Drawings, Specifications and Contract Documents via electronic methods.
34. The successful Bidder shall be required to post in each direction a public information sign, 4' x 4' in size, at the location of the project containing information required by the Owner. The Owner shall supply this information.
35. The award of the Contract, if it is awarded, will be to the lowest responsible Bidder, in accordance with State Law. No award will be made until the Owner has concluded such investigations as it deems necessary to establish the responsibility and qualifications of the Bidder to do the Work in accordance with the Contract Documents to the satisfaction of the Owner within the time prescribed as established by the Department based upon the amount of work to be performed and the conditions of same. The written contract and bond shall be issued in conformance with LSA-R.S. 38:2216. If the Contract is awarded, the Owner shall give the successful Bidder written notice of the award within forty-five (45) calendar days after the opening of the Bids in conformance with LSA-R.S. 38:2215(A), or any extension as authorized thereunder.
36. At least three days prior to the execution of the Contract, the Contractor shall deliver to the Owner the required Bonds.
37. Failure of the successful Bidder to execute the Contract and deliver the required Bonds within ten (10) days of the Notice of the Award shall be just cause for the Owner to annul the award and declare the Bid and any guarantee thereof forfeited. Award may then be made to the next lowest responsible bidder.
38. In order to ensure the faithful performance of each and every condition, stipulation and requirement of the Contract and to indemnify and hold harmless the Owner from any and all damages, either directly or indirectly arising out of any failure to perform same, the successful Bidder to whom the Contract is awarded shall furnish a Performance and Payment Bond in an amount of at least equal to one hundred percent (100%) of the Contract Price. The Contract shall not be in force or binding upon the Owner until such satisfactory Bond has been provided to and approved by the Parish. The cost of the Bond shall be paid for by the Contractor unless otherwise stipulated in the Special Provisions.
39. No surety Company will be accepted as a bondsman which has no permanent agent or representative in the State upon whom notices referred to in the General Conditions of these Specifications may be served. Service of said notice on said agent or representative in the State shall be equal to service of notice on the President of the Surety Company, or such other officer as may be concerned.
40. In conformance with LSA-R.S. 38:2219(A)(1)(a), (b), and (c):

Any surety bond written for a public works project shall be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the Federal Register, or by a Louisiana domiciled insurance company with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide, to write individual bonds up to ten percent of policyholders' surplus as shown in the A.M. Best's Key Rating Guide or by an insurance company that is either domiciled in Louisiana or owned by Louisiana residents and is licensed to write surety bonds.

For any public works project, no surety or insurance company shall write a bond which is in excess of the amount indicated as approved by the U.S. Department of the Treasury Financial Management Service list or by a Louisiana domiciled insurance company with an A- rating by A.M. Best up to a limit of ten percent of policyholders' surplus as shown by A.M. Best; companies authorized by this

Paragraph who are not on the treasury list shall not write a bond when the penalty exceeds fifteen percent of its capital and surplus, such capital and surplus being the amount by which the company's assets exceed its liabilities as reflected by the most recent financial statements filed by the company with the Department of Insurance.

In addition, any surety bond written for a public works project shall be written by a surety or insurance company that is currently licensed to do business in the state of Louisiana. All contractors must comply with any other applicable provisions of LSA-R.S. 38:2219.

41. Should the Contractor's Surety, even though approved and accepted by the Owner, subsequently remove its agency or representative from the State or become insolvent, bankrupt, or otherwise fail, the Contractor shall immediately furnish a new Bond in another company approved by the Owner, at no cost to the Owner. The new Bond shall be executed under the same terms and conditions as the original Bond. The new bond shall be submitted within thirty (30) days of such time as the Owner notifies Contractor or from the time Contractor learns or has reason to know that the original surety is no longer financially viable or acceptable to the Parish, whichever occurs first. In the event that Contractor fails or refuses to timely secure additional surety, then the Owner may secure such surety and thereafter deduct such cost or expense from any sum due, or to become due to Contractor.
42. The Contractor's bondsman shall obligate itself to all the terms and covenants of these Specifications and of contracts covering the Work executed hereunder. The Owner reserves the right to do Extra Work or make changes by altering, adding to deducting from the Work under the conditions and in the manner herein before described without notice to the Contractor's surety and without in any manner affecting the liability of bondsman or releasing it from any of its obligations hereunder.
43. The Bond shall also secure for the Owner the faithful performance of the Contract in strict accordance with plans, specifications, and other Contract Documents. It shall protect the Owner against all lien laws of the State and shall provide for payment of reasonable attorney's fees for enforcement of Contract and institution or concursus proceedings, if such proceedings become necessary. Likewise, it shall provide for all additional expenses of the Owner occurring through failure of the Contractor to perform.
44. The surety of the Contractor shall be and does hereby declare and acknowledge itself by acceptance to be bound to the Owner as a guarantor, jointly and in solido, with the Contractor, for fulfillment of terms of the Contract.
45. The performance Bond and Labor and Material Bond forming part of this Contract shall be continued by Contractor and its Surety for a period of one (1) year from date of acceptance of the Work/Project by Owner to assure prompt removal and replacement of all defective material, equipment, components thereof, workmanship, etc., and to assure payment of any damage to property of Owner or others as a result of such defective materials, equipment, workmanship, etc.
46. Contractor authorizes Parish to deduct from any payment due herein costs and service fees for recordation of this Contract in full or an excerpt hereof, or any revisions or modifications thereof as required by law. Contractor agrees to execute an excerpt or extract of this agreement for recordation purposes. If Contractor fails to execute such an excerpt, then the Parish shall file and record the entire Contract and all attachments at the expense of Contractor and Parish is hereby authorized to deduct all related costs from any proceeds due to the Contractor.
47. Contractor shall secure and maintain at its expense such insurance that will protect it and the Parish from claims for injuries to persons or damages to property which may arise from or in connection with the performance of Services or Work hereunder by the Contractor, his agents, representatives, employees, and/or subcontractors. The cost of such insurance shall be included in Contractor's bid.

48. The Contractor shall not commence work until it has obtained all insurance as required for the Parish Project. If the Contractor fails to furnish the Parish with the insurance protection required and begins work without first furnishing Parish with a currently dated certificate of insurance, the Parish has the right to obtain the insurance protection required and deduct the cost of insurance from the first payment due the Contractor. Further deductions are permitted from future payments as are needed to protect the interests of the Parish including, but not limited to, renewals of all policies.
49. Payment of Premiums: The insurance companies issuing the policy or policies shall have no recourse against the Parish of St. Tammany for payment of any premiums or for assessments under any form of policy.
50. Deductibles: Any and all deductibles in the described insurance policies shall be assumed by and be at the sole risk of the Contractor.
51. Authorization of Insurance Company(ies) and Rating: All insurance companies must be authorized to do business in the State of Louisiana and shall have an A.M. Best rating of no less than A-, Category VII.
52. Policy coverages and limits must be evidenced by Certificates of Insurance issued by Contractor's carrier to the Parish and shall reflect:

Date of Issue: Certificate must have current date.

Named Insured: The legal name of Contractor under contract with the Parish and its principal place of business shall be shown as the named insured on all Certificates of Liability Insurance.

Name of Certificate Holder: St. Tammany Parish Government, Office of Risk Management, P. O. Box 628, Covington, LA 70434

Project Description: A brief project description, including Project Name, Project Number and/or Contract Number, and Location.

Endorsements and Certificate Reference: All policies must be endorsed to provide, and certificates of insurance must evidence the following:

Waiver of Subrogation: The Contractor's insurers will have no right of recovery or subrogation against the Parish of St. Tammany, it being the intention of the parties that all insurance policy(ies) so affected shall protect both parties and be the primary coverage for any and all losses covered by the below described insurance. *Policy endorsements required for all coverages.*

Additional Insured: The Parish of St. Tammany shall be named as additional named insured with respect to general liability, marine liability, pollution/environmental liability, automobile liability and excess liability coverages. *Policy endorsements required.*

Hold Harmless: Contractor's liability insurers shall evidence their cognizance of the Hold Harmless and Indemnification in favor of St. Tammany Parish Government by referencing same on the face of the Certificate(s) of Insurance.

Cancellation Notice: Producer shall provide thirty (30) days prior written notice to the Parish of policy cancellation or substantive policy change.

53. The types of insurance coverage the Contractor is required to obtain and maintain throughout the duration of the Contract shall be designated by a separate document issued by the Office of Risk Management.

54. It is the intent of these instructions that they are in conformance with State Bid Laws. Should there be any discrepancy or ambiguity in these provisions, the applicable State Bid Law shall apply.
55. The letting of any public contract in connection with funds that are granted or advanced by the United States of America shall be subject to the effect, if any, of related laws of said United States and valid rules and regulations of federal agencies in charge, or governing use and payment of such federal funds.
56. Protests based on alleged solicitation improprieties that are apparent before bid opening, or the time set for receipt of initial proposals must be filed with and received by the Procurement Department BEFORE these times. Any other protest shall be filed no later than ten (10) calendar days after: the opening of the bid; the basis of the protest is known; or the basis of the protest should have been known (whichever is earlier).
57. It is the Parish's policy to provide a method to protest exclusion from a competition or from the award of a contract, or to challenge an alleged solicitation irregularity. It is always better to seek a resolution within the Parish system before resorting to outside agencies and/or litigation to resolve differences. All protests must be made in writing, and shall be concise and logically presented to facilitate review by the Parish. The written protest shall include:

The protester's name, address, and fax and telephone numbers and the solicitation, bid, or contract number;

A detailed statement of its legal and factual grounds, including a description of the resulting prejudice to the protester;

Copies of relevant documents;

All information establishing that the protester is an interested party and that the protest is timely; and

A request for a ruling by the agency; and a statement of the form of relief requested.

The protest shall be addressed to St. Tammany Parish Government Department of Procurement, P.O. Box 628, Covington, LA 70434

The protest review shall be conducted by the Parish Legal Department.

Only protests from interested parties will be allowed. Protests based on alleged solicitation improprieties that are apparent before bid opening, or the time set for receipt of initial proposals, must be filed with and received by the Department of Procurement BEFORE those deadlines.

Any other protest shall be filed no later than ten (10) calendar days after the basis of the protest is known, or should have been known (whichever is earlier).

The Parish will use its best efforts to resolve the protest within thirty (30) days of the date that it is received by the Parish. The written response will be sent to the protestor via mail and fax, if a fax number has been provided by the protestor. The protester can request additional methods of notification.

58. The last day to submit questions and/or verification on comparable products will be no later than 2:00 pm CST, seven (7) working days prior to the opening date of the bid/proposal due date. Further, any questions or inquires must be submitted via fax to 985-898-5227, or via email to Procurement@stpgov.org. Any questions or inquiries received after the required deadline to submit questions or inquiries will not be answered.
59. St. Tammany Parish Government contracts to be awarded are dependent on the available funding and/or approval by members designated and/or acknowledged by St. Tammany

Parish Government. At any time, St. Tammany Parish Government reserves the right to cancel the award of a contract if either or both of these factors is deficient.

60. Any action by the Parish to disqualify any Bidder on the grounds that they are not a responsible Bidder shall be conducted in accordance with LSA-R.S. 38:2212(X).
61. Failure to complete or deliver within the time specified or to provide the services as specified in the bid or response will constitute a default and may cause cancellation of the contract. Where the Parish has determined the contractor to be in default. The Parish reserves the right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with the cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid or response from the defaulting contractor will be considered.
62. If any part of the provisions contained herein and/or in the Specifications and Contract for the Work shall for any reason be held invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Agreement or attachment, but it shall be construed as if such invalid, illegal, or unenforceable provision or part of a provision had never been contained herein.

Section 03

Summary of Work

I. Work to Include:

The work for this project comprises the dredging of the Pearl River Diversion Canal beginning at the intersection with the W. Pearl River and heading upstream within the canal approximately 1,500 feet. The excavated material will be disposed on site per the plans and a concrete armoring mat system will be installed per the drawings.

A Non-Mandatory pre-bid meeting will be held at the Staff Conference Room, 3rd Floor, located at St. Tammany Parish Government Administrative Complex, 21454 (Building B) Koop Drive, Mandeville, LA 70471 on Thursday, September 28, 2023 at 2:00 pm.

II. Location of Work:

Intersection of W. Pearl River and Pearl River Diversion Canal
Approximately 1.0 miles east of Lock No. 1

III. Documents: Bid Documents dated September 1, 2023, and entitled:

PEARL RIVER DIVERSION CANAL RESTORATION
STP PROJECT NO. DV21000097
BID No. 23-35-2

IV. OTHER REQUIREMENTS (as applicable)

When not otherwise specified herein, all work and materials shall conform to the requirements of the Louisiana Department of Transportation and Development hereafter called LDOTD (2016 Edition of Louisiana Standard Specifications for Roads and Bridges).

Section 04

LOUISIANA UNIFORM PUBLIC WORK BID FORM

TO: St. Tammany Parish Government
21454 Koop Dr., Suite 2F
Mandeville, La 70471

(Owner to provide name and address of owner)

BID FOR: Pearl River Diversion Canal Restoration
STP Project No. DV21000097
STP Bid No. 23-35-2

(Owner to provide name of project and other identifying information.)

The undersigned bidder hereby declares and represents that she/he; a) has carefully examined and understands the Bidding Documents, b) has not received, relied on, or based his bid on any verbal instructions contrary to the Bidding Documents or any addenda, c) has personally inspected and is familiar with the project site, and hereby proposes to provide all labor, materials, tools, appliances and facilities as required to perform, in a workmanlike manner, all work and services for the construction and completion of the referenced project, all in strict accordance with the Bidding Documents prepared by: _____
Kyle Associates, LLC and dated: September 1, 2023.

(Owner to provide name of entity preparing bidding documents.)

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following **ADDENDA:** (Enter the number the Designer has assigned to each of the addenda that the Bidder is acknowledging) _____ .

TOTAL BASE BID: For all work required by the Bidding Documents (including any and all unit prices designated "Base Bid" * but not alternates) the sum of:

_____ Dollars (\$ _____)

ALTERNATES: For any and all work required by the Bidding Documents for Alternates including any and all unit prices designated as alternates in the unit price description.

Alternate No. 1 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:

N/A Dollars (\$ N/A)

Alternate No. 2 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:

N/A Dollars (\$ N/A)

Alternate No. 3 *(Owner to provide description of alternate and state whether add or deduct)* for the lump sum of:

N/A Dollars (\$ N/A)

NAME OF BIDDER: _____

ADDRESS OF BIDDER: _____

LOUISIANA CONTRACTOR'S LICENSE NUMBER: _____

NAME OF AUTHORIZED SIGNATORY OF BIDDER: _____

TITLE OF AUTHORIZED SIGNATORY OF BIDDER: _____

SIGNATURE OF AUTHORIZED SIGNATORY OF BIDDER **: _____

DATE: _____

THE FOLLOWING ITEMS ARE TO BE INCLUDED WITH THE SUBMISSION OF THIS LOUISIANA UNIFORM PUBLIC WORK BID FORM:

* The Unit Price Form shall be used if the contract includes unit prices. Otherwise it is not required and need not be included with the form. The number of unit prices that may be included is not limited and additional sheets may be included if needed.

** **A CORPORATE RESOLUTION OR WRITTEN EVIDENCE** of the authority of the person signing the bid for the public work as prescribed by LA R.S. 38:2212(B)(5).

BID SECURITY in the form of a bid bond, certified check or cashier's check as prescribed by LA R.S. 38:2218(A) attached to and made a part of this bid.

*** **W-9** – If a vendor has not done business with the Parish, the vendor should submit an updated W-9 with their response.

LOUISIANA UNIFORM PUBLIC WORK BID FORM UNIT PRICE FORM

TO:

St. Tammany Parish Government

21454 Koop Drive, Suite 2F

Mandeville, LA. 70471

(OWNER TO PROVIDE NAME AND ADDRESS OF OWNER)

BID FOR:

Pearl River Diversion Canal Restoration

STP Project No. DV21000097

STP Bid No. 23-35-2

(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 # Clear and De-Snag				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
1	1	LUMP SUM		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Excavation (Canal Dredging)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
2	72,000	CY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Embankment (Jetty Structure)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
3	2,500	CY		
Description: <input checked="" type="checkbox"/> BASE BID OR <input type="checkbox"/> ALT # Articulated Concrete Mat - 4" Thick (Jetty Structure)				
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)
4	5,100	SY		

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 #	Geotextile Fabric (Jetty Structure)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
5	5,100	SY					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	Permanent Erosion Control (Hydroseeding)		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
6	1	LUMP SUM					
Description:		<input checked="" type="checkbox"/> BASE BID	OR	<input type="checkbox"/> ALT #	Construction Layout & Survey		
REF NO.:	QUANTITY	UNIT OF MEASURE	UNIT PRICE	UNIT PRICE EXTENSION (Quantity times unit price)			
7	1	LUMP SUM					
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)			
8	1	LUMP SUM					

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.

Section 05

**AFFIDAVIT PURSUANT TO LSA-R.S. 38:2224 and 38:2227
FOR BIDDERS FOR PUBLIC WORKS CONTRACTS**

STATE OF _____

PARISH/COUNTY OF _____

BEFORE ME, the undersigned authority, in and for the above stated State and Parish (or County), personally came and appeared:

Print Name

who, after first being duly sworn, did depose and state:

1. That affiant is appearing on behalf of _____, who is seeking a public contract with St. Tammany Parish Government.
2. That affiant employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for affiant; and
3. That no part of the contract price received by affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for affiant.
4. If affiant is a sole proprietor, that after July 2, 2010, he/she has not been convicted of, or has not entered a plea of guilty or *nolo contendere* to any of the crimes or equivalent federal crimes listed in LSA-R.S. 38:2227(B).
5. If affiant is executing this affidavit on behalf of a juridical entity such as a partnership, corporation, or LLC, etc., that no individual partner, incorporator, director, manager, officer, organizer, or member, who has a minimum of a ten percent ownership in the bidding entity, has been convicted of, or has entered a plea of guilty or *nolo contendere* to any

of the crimes or equivalent federal crimes listed in LSA-R.S. 38:2227(B).

6. If affiant is a sole proprietor, that neither affiant, nor his/her immediate family is a public servant of St. Tammany Parish Government or the Contract is not under the supervision or jurisdiction of the public servant's agency.

7. If affiant is executing this affidavit on behalf of a juridical entity such as a partnership, corporation, or LLC, etc., that no public servant of St. Tammany Parish Government, or his/her immediate family, either individually or collectively, has more than a 25% ownership interest in the entity seeking the Contract with St. Tammany Parish Government if the Contract will be under the supervision or jurisdiction of the public servant's agency.

Printed Name: _____

Title: _____

Entity name: _____

THUS SWORN TO AND SUBSCRIBED BEFORE ME,
THIS _____, DAY OF _____, 202__.

Notary Public

Print Name: _____

Notary I.D./Bar No.: _____

My commission expires: _____

**AFFIDAVIT PURSUANT TO LSA-R.S. 38:2212.10 CONFIRMING
REGISTRATION AND PARTICIPATION IN A STATUS VERIFICATION
SYSTEM**

STATE OF _____

PARISH/COUNTY OF _____

BEFORE ME, the undersigned authority, in and for the above stated State and Parish (or County), personally came and appeared:

Print Name

who, after first being duly sworn, did depose and state:

1. That affiant is appearing on behalf of _____, a private employer seeking a bid or a contract with St. Tammany Parish Government for the physical performance of services within the State of Louisiana.

2. That affiant is registered and participates in a status verification system to verify that all employees in the state of Louisiana are legal citizens of the United States or are legal aliens; and

3. That affiant shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the state of Louisiana.

4. That affiant shall require all subcontractors to submit to the affiant a sworn affidavit verifying compliance with this law.

Printed Name: _____

Title: _____

Name of Entity: _____

**THUS SWORN TO AND SUBSCRIBED BEFORE ME,
THIS** _____, **DAY OF** _____, **202**__.

Notary Public
Print Name: _____
Notary I.D./Bar No.: _____
My commission expires: _____



Section 06

INSURANCE REQUIREMENTS*

Construction Project: Pearl River Diversion Canal Restoration_____

Project/Quote/Bid#: 23-35-2_____

*****IMPORTANT – PLEASE READ*****

Prior to submitting your quote or bid, it is recommended that you review these insurance requirements with your insurance broker/agent.

These requirements modify portions of the insurance language found in the General Conditions and/or Supplementary General Conditions; however, there is no intention to remove all sections pertaining to insurance requirements and limits set forth in the General Conditions and/or Supplementary General Conditions, only to amend and specify those items particular for this Project.

- A. The Provider shall secure and maintain at its expense such insurance that will protect it and St. Tammany Parish Government (the "Parish") from claims for bodily injury, death or property damage as well as from claims under the Workers' Compensation Acts that may arise from the performance of services under this agreement. All certificates of insurance shall be furnished to the Parish and provide thirty (30) days prior notice of cancellation to the Parish, in writing, on all of the required coverage.
- B. All policies shall provide for and certificates of insurance shall indicate the following:
1. Waiver of Subrogation: The Provider's insurers will have no right of recovery or subrogation against the Parish of St. Tammany, it being the intention of the parties that all insurance policy(ies) so affected shall protect both parties and be the primary coverage for any and all losses covered by the below described insurance.
 2. Additional Insured: St. Tammany Parish Government shall be named as Additional Insured with respect to general liability, automobile liability and excess liability coverages, as well as marine liability and pollution/environmental liability, when those coverages are required or necessary.
 3. Payment of Premiums: The insurance companies issuing the policy or policies will have no recourse against St. Tammany Parish Government for payment of any premiums or for assessments under any form of policy.
 4. Project Reference: The project(s) and location(s) shall be referenced in the Comment or Description of Operations section of the Certificate of Insurance (Project ##-###, or Bid # if applicable, Type of Work, Location).
- C. Coverage must be issued by insurance companies authorized to do business in the State of Louisiana. Companies must have an A.M. Best rating of no less than A-, Category VII. St. Tammany Parish Risk Management Department may waive this requirement only for Workers Compensation coverage at their discretion.

Provider shall secure and present proof of insurance on forms acceptable to St. Tammany Parish Government, Office of Risk Management no later than the time of submission of the Contract to the Parish. However, should any work performed under this Contract by or on behalf of Provider include exposures that are not covered by those insurance coverages, Provider is not relieved of its obligation to maintain appropriate levels and types of insurance necessary to protect itself, its agents and employees, its subcontractors, St. Tammany Parish Government (Owner), and all other interested third parties, from any and all claims for damage or injury in connection with the services performed or provided throughout the duration of this Project, as well as for any subsequent periods required under this Contract.

The insurance coverages checked (✓) below are those required for this Contract.

- 1. **Commercial General Liability*** insurance – **Occurrence Form** - with a Combined Single Limit for bodily injury and property damage of at least \$1,000,000 per Occurrence / \$2,000,000 General Aggregate and \$2,000,000 Products-Completed Operations. Contracts over \$1,000,000 may require higher limits. The insurance shall provide for and the certificate(s) of insurance shall indicate the following coverages:
 - a) Premises - operations;
 - b) Broad form contractual liability;
 - c) Products and completed operations;
 - d) Personal/Advertising Injury;
 - e) Broad form property damage (for Projects involving work on Parish property);
 - f) Explosion, Collapse and Damage to underground property.
 - g) Additional Insured forms CG 2010 and CG 2037 in most current edition are required.

- 2. **Business Automobile Liability*** insurance with a Combined Single Limit of \$1,000,000 per Occurrence for bodily injury and property damage, and shall include coverage for the following:
 - a) Any auto;
 - or**
 - b) Owned autos; **and**
 - c) Hired autos; **and**
 - d) Non-owned autos.

- 3. **Workers' Compensation/Employers Liability insurance*** - Workers' Compensation coverage as required by State law. Employers' liability limits shall be a minimum of \$1,000,000 each accident, \$1,000,000 each disease, \$1,000,000 disease policy aggregate. When water activities are expected to be performed in connection with this project, coverage under the USL&H Act, Jones Act and/or Maritime Employers Liability (MEL) must be included. **Coverage for owners, officers and/or partners in any way engaged in the Project shall be included in the policy.** The names of any excluded individual must be shown in the Description of Operations/Comments section of the Certificate.

- 4. **Pollution Liability and Environmental Liability*** insurance in the minimum amount of \$1,000,000 per occurrence / \$2,000,000 aggregate including full contractual liability and third party claims for bodily injury and/or property damage, for all such hazardous waste, pollutants and/or environmental exposures that may be affected by this project stemming from pollution/environmental incidents as a result of Contractor's operations.

If coverage is provided on a claims-made basis, the following conditions apply:

- 1) the retroactive date must be prior to or coinciding with the effective date of the Contract, or prior to the commencement of any services provided by the Contractor on behalf of the Parish, whichever is earlier; AND
- 2) continuous coverage must be provided to the Parish with the same retro date for 24 months following acceptance or termination of the Project by the Parish either by
 - a) continued renewal certificates **OR**
 - b) a 24 month Extended Reporting Period

*The Certificate must indicate whether the policy is written on an occurrence or claims-made basis and, if claims-made, the applicable retro date must be stated.

5. **Contractor's Professional Liability/Errors and Omissions*** insurance in the sum of at least \$1,000,000 per claim / \$2,000,000 aggregate is required when work performed by Contractor or on behalf of Contractor includes professional or technical services including, but not limited to, construction administration and/or management, engineering services such as design, surveying, and/or inspection, technical services such as testing and laboratory analysis, and/or environmental assessments. An occurrence basis policy is preferred.

If coverage is provided on a claims-made basis, the following conditions apply:

- 1) the retroactive date must be prior to or coinciding with the effective date of the Contract, or prior to the commencement of any services provided by the Contractor on behalf of the Parish, whichever is earlier; AND
- 2) continuous coverage must be provided to the Parish with the same retro date for 24 months following acceptance or termination of the Project by the Parish either by
 - a) continued renewal certificates **OR**
 - b) a 24 month Extended Reporting Period

*The Certificate must indicate whether the policy is written on an occurrence or claims-made basis and, if claims-made, the applicable retro date must be stated.

6. **Marine Liability/Protection and Indemnity*** insurance is required for any and all vessel and/or marine operations in the minimum limits of \$1,000,000 per occurrence / \$2,000,000 per project general aggregate. The coverage shall include, but is not limited to, the basic coverages found in the Commercial General Liability insurance and coverage for third party liability

***Excess/Umbrella Liability** insurance may be provided to meet the limit requirements for any Liability coverage. For example: if the General Liability requirement is \$3,000,000 per occurrence, but the policy is only \$1,000,000 per occurrence, then the excess policy should be at least \$2,000,000 per occurrence thereby providing a combined per occurrence limit of \$3,000,000.)

7. **Owners Protective Liability (OPL)** shall be furnished by the Contractor and shall provide coverage in the minimum amount of \$1,000,000 CSL each occurrence / \$1,000,000 aggregate. **St. Tammany Parish Government, ATTN: Risk Management Department, P. O. Box 628, Covington, LA 70434 shall be the first named insured on the policy.**

8. **Builder's Risk Insurance** written on an "all-risk" policy form shall be furnished by Contractor for 100% of the contract cost. Any contract modifications increasing the contract cost will require an increase in the limit of the Builder's Risk policy. Deductibles should not exceed \$5,000 and Contractor shall be responsible for all policy deductibles. This insurance shall cover materials at the site, stored off the site, and in transit. The Builder's Risk Insurance shall include the interests of the Owner, Contractor and Subcontractors and shall terminate only when the Project is accepted in writing. **St. Tammany Parish Government, ATTN: Risk Management Department, P. O. Box 628, Covington, LA 70434 shall be the first named insured on the policy.**

9. **Installation Floater Insurance**, on an "all-risk" form, shall be furnished by Contractor and carried for the full value of the materials, machinery, equipment and labor for each location. The Contractor shall be responsible for all policy deductibles. The Installation Floater Insurance shall provide coverage for property owned by others and include the interests of the Owner, Contractor and Subcontractors and shall terminate only when the Project is accepted in writing. **St. Tammany Parish Government, ATTN: Risk Management Department, P. O. Box 628, Covington, LA 70434 shall be the first named insured on the policy.**

- D. All policies of insurance shall meet the requirements of the Parish prior to the commencing of any work. The Parish has the right, but not the duty, to approve all insurance coverages prior to commencement of work. If any of the required policies are or become unsatisfactory to the Parish as to form or substance; or if a company issuing any policy is or becomes unsatisfactory to the Parish, the Provider shall promptly obtain a new policy, timely submit same to the Parish for approval, and submit a certificate thereof as provided above. The Parish agrees not to unreasonably withhold approval of any insurance carrier selected by Provider. In the event that Parish cannot agree or otherwise authorize a carrier, Provider shall have the option of selecting and submitting a new insurance carrier within 30 days of said notice by the Parish. In the event that the second submission is insufficient or is not approved, then the Parish shall have the unilateral opportunity to thereafter select a responsive and responsible insurance carrier all at the cost of Provider and thereafter deduct from Provider's fee the cost of such insurance.
- E. Upon failure of Provider to furnish, deliver and/or maintain such insurance as above provided, this contract, at the election of the Parish, may be declared suspended, discontinued or terminated. Failure of the Provider to maintain insurance shall not relieve the Provider from any liability under the contract, nor shall the insurance requirements be construed to conflict with the obligation of the Provider concerning indemnification.
- F. Provider shall maintain a current copy of all annual insurance policies and agrees to provide a certificate of insurance to the Parish on an annual basis or as may be reasonably requested for the term of the contract or any required Extended Reporting Period. Provider further shall ensure that all insurance policies are maintained in full force and effect throughout the duration of the Project and shall provide the Parish with annual renewal certificates of insurance evidencing continued coverage, without any prompting by the Parish.
- G. It shall be the responsibility of Provider to require that these insurance requirements are met by all contractors and sub-contractors performing work for and on behalf of Provider. Provider shall further ensure the Parish is named as an additional insured on all insurance policies provided by said contractor and/or sub-contractor throughout the duration of the project.
- H. Certificates of Insurance shall be issued as follows:

**St. Tammany Parish Government
Attn: Risk Management
P O Box 628
Covington, LA 70434**

To avoid contract processing delays, be certain the project name/number is included on all correspondence including Certificates of Insurance.

***NOTICE: St. Tammany Parish Government reserves the rights to remove, replace, make additions to and/or modify any and all of the insurance requirements at any time.**

Any inquiry regarding these insurance requirements should be addressed to:

**St. Tammany Parish Government
Office of Risk Management
P O Box 628
Covington, LA 70434
Telephone: 985-898-5226
Email: riskman@stpgov.org**

Section 07

Project Signs

1. General

- a. Work to include providing and installing project sign(s) at the beginning of the project. Some projects may require multiple signs. Should more than one sign be required, it will be reflected in the bidding documents.

2. Materials

- a. The printed project sign(s) shall be 3/8" primed Medium Density Overlay (MDO) **OR** 3-millimeter corrugated plastic secured to exterior plywood (4' x 4').
- b. Contractor shall not use previously provided templates and/or fonts.

3. Execution

- a. The sign(s) shall be printed on a project-by-project basis in black and white, using the template and font provided to the Contractor by the St. Tammany Parish Government Project Manager.
- b. All signage proofed and approved by State Tammany Parish Government before project sign(s) are to be produced by the Contractor.
- c. Exact placement of the project sign(s) must be coordinated with, and approved by, the St. Tammany Parish Government Project Manager prior to sign installation.
- d. The sign(s) is to be installed such that the bottom of the sign is a minimum of 5' above the existing ground elevation.
- e. Sign(s) is to be maintained throughout the period of construction. If sign(s) is damaged or destroyed, repair and/or replacement of sign(s) will be at Contractor's expense.
- f. Contractor is responsible for the removal of all project signs upon issuance of final acceptance by the St. Tammany Parish Government Project Manager at no direct pay.
- g. No direct cost for signs.

Blank Template of Parish Project Sign:

PROGRESS



MICHAEL B. COOPER
Parish President

Councilmember Name
Council District X

\$XXX,XXX.XX

Total Dollar \$
amount specified here

Project Name

Description of
Project Work

Name of Street, Bridge,
Subdivision, etc. stated here

Short Description of Project stated here
(if deemed applicable by the Parish)

Example of a Completed Parish Project Sign:

PROGRESS



MICHAEL B. COOPER
Parish President

RYKERT O. TOLEDANO, JR
Council District 5

\$514,444.40

Dove Park
Subdivision Drainage
Drainage Improvements along
Swallow St., Sparrow St.,
Partridge St. and Egret St.

Section 08

General Conditions for St. Tammany Parish Government

This index is for illustrative purposes only and is not intended to be complete nor exhaustive.

All bidders/contractors are presumed to have read and understood the entire document. Some information contained in these conditions may not be applicable to all projects.

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01.00 DEFINITIONS OF TERMS

Whenever used in these General Conditions or in other Contract Documents, the following terms shall have the meanings indicated, and these shall be applicable to both the singular and plural thereof.

- 01.01 A.A.S.H.T.O American Association of State Highway and Transportation Officials. When A.A.S.H.T.O. is referred to in these Specifications it takes the meaning of the specification for materials and methods of testing specified by this association and the specification stated is considered to be a part of the Specifications as if written herein in full.
- 01.02 A.C.I American Concrete Institute. When A.C.I. is referred to in these Specifications it takes the meaning of the specification for materials and methods of testing specified by this institute and the specification stated is considered to be a part of the Specifications as if written herein in full.
- 01.03 Addenda Written or graphic instruments issued prior to the opening of bids which clarify, correct, modify or change the bidding or Contract Documents.
- 01.04 Advertisement The written instrument issued by the Owner at the request of the Owner used to notify the prospective bidder of the nature of the Work. It becomes part of the Contract Documents.
- 01.05 Agreement The written agreement or contract between the Owner and the Contractor covering the Work to be performed and the price that the Owner will pay. Other documents, including the Proposal, Addenda, Specifications, plans, surety, insurance, etc., are made a part thereof.
- 01.06 Application for Payment The form furnished by the Owner which is to be used by the Contractor in requesting incremental (progress) payments and which is to include information required by Section 28.01 and an affidavit of the Contractor. The affidavit shall stipulate that progress payments theretofore received from the Owner on account of the Work have been applied by Contractor to discharge in full of all Contractor's obligations reflected in prior applications for payment.
- 01.07 A.S.T.M. American Society of Testing Materials. When A.S.T.M. is referred to in these Specifications it takes the meaning of the specification for materials and methods of testing specified by this society and the specification stated is considered to be a part of the Specifications as if written herein in full.
- 01.08 Bid The offer or Proposal of the Bidder submitted on the prescribed form setting forth all the prices for the Work to be performed.
- 01.09 Bidder Any person, partnership, firm or corporation submitting a Bid for the Work.
- 01.10 Bonds Bid, performance and payment bonds and other instruments of security, furnished by the Contractor and its surety in accordance with the Contract Documents and Louisiana law.
- 01.11 Change Order A written order to the Contractor signed by the Owner authorizing an addition, deletion or revision in the Work, or an adjustment in the Contract Price or the Contract Time after execution of the Agreement.
- 01.12 Contract Documents The Agreement, Addenda, Contractor's Bid and any documentation accompanying or post-bid documentation when attached as an exhibit, the Bonds, these General Conditions, the Advertisement for Bid, Notice to Contractor, all supplementary conditions, the Specifications, the Drawings, together with all Modifications issued after the execution of the Agreement.
- 01.13 Contract Price The total monies payable to the Contractor under the Contract Documents.

- 01.14 Contract Time The number of consecutive calendar days stated in the Agreement for the completion of the Work.
- 01.15 Contractor The person, firm, corporation or provider with whom the Owner has executed the Agreement.
- 01.16 Defective Work When work which is unsatisfactory, faulty or deficient for any reason whatsoever, or does not conform to the Contract Documents, or does not meet the requirements of any inspection, test or approval referred to in the Contract Documents, or has been damaged prior to the Owner's recommendation or acceptance.
- 01.17 Drawings The Drawings and plans which show the character and scope of the Work to be performed and which have been prepared or approved by the Owner and are referred to in the Contract Documents.
- 01.18 Field Order A written order issued by the Owner or his agent which clarifies or interprets the Contract Documents.
- 01.19 Modification (a) A written amendment of the Contract Documents signed by both parties, (b) A Change Order, (c) A written clarification or interpretation issued by the Owner or his agent. Modification may only be issued after execution of the Agreement.
- 01.20 Notice of Award The written notice by Owner to the lowest responsible Bidder stating that upon compliance of the conditions enumerated in the Notice of Award, or enumerated in the Bid documents, the Owner will deliver the Contract Documents for signature. The time for the delivery of the Contract Documents can be extended in conformance with Louisiana Law.
- 01.21 Notice to Contractor Instructions, written or oral given by Owner to Contractor and deemed served if given to the Contractor's superintendent, foreman or mailed to Contractor at his last known place of business.
- 01.22 Notice to Proceed A written notice given by the Owner fixing the date on which the Contract Time will commence, and on which date the Contractor shall start to perform his obligation under the Contract Documents. Upon mutual consent by both parties, the Notice to Proceed may be extended.
- 01.23 Owner St. Tammany Parish Government, acting herein through its duly constituted and authorized representative, including but not limited to the Office of the Parish President or its designee, its Chief Administrative Officer, and/or Legal Counsel. St. Tammany Parish Government (hereinafter, the "Parish") and Owner may be used interchangeably.
- 01.24 Project The entire construction to be performed as provided in the Contract Documents.
- 01.25 Project Representative The authorized representative of the Owner who is assigned to the Project or any parts thereof.
- 01.26 Proposal The Bid submitted by the Bidder to the Owner on the Proposal form setting forth the Work to be done and the price for which the Bidder agrees to perform the Work.
- 01.27 Shop Drawings All drawings, diagrams, illustrations, brochures, schedules and other data which are prepared by the Contractor, Subcontractor, Manufacturer, Supplier or Distributor and which illustrate the equipment, material or some portion of the Work.
- 01.28 Specifications The Instructions to Bidders, these General Conditions, the Special Conditions and the Technical Provisions. All of the documents listed in the "Table of Contents."
- 01.29 Subcontractor An individual, firm or corporation having a direct Contract with the Contractor or with any other Subcontractor for the performance of a part of the Project Work.
- 01.30 Substantial Completion The date as certified by the Owner or its agent when the construction of the Project or a specified part thereof is sufficiently complete in accordance with the Contract Documents so that the Project or specified part can be utilized for the

purposes for which it was intended; or if there is no such certification, the date when final payment is due in accordance with Section 28.

- 01.31 Superintendent Contractor's site representative. The person on the site who is in full and complete charge of the Work.
- 01.32 Time Unless specifically stated otherwise, all time delays shall be calculated in calendar days.
- 01.33 Work Any and all obligations, duties and responsibilities necessary to the successful completion of the Project assigned to or undertaken by the Contractor under the Contract Documents, usually including the furnishing of all labor, materials, equipment and other incidentals.
- 01.34 The terms "he/himself" may be used interchangeably with "it/itself."

02.00 PROPOSAL

- 02.01 All papers bound with or attached to the Proposal Form are a necessary part thereof and must not be detached.
- 02.02 For submitting Bids, the only forms allowed shall be the "Louisiana Uniform Public Work Bid Form", "Louisiana Uniform Public Works Bid Form Unit Price Form" (if necessary), the Bid Bond, and written evidence of authority of person signing the bid. Necessary copies of the Louisiana Uniform Public Work Forms will be furnished for Bidding. Bound sets of the Contract Documents are for Bidder's information and should not be used in submitting Bids.
- 02.03 Proposal forms must be printed in ink or typed, unless submitted electronically. Illegibility or ambiguity therein may constitute justification for rejection of the Bid.
- 02.04 Each Bid must be submitted in a sealed envelope, unless submitted electronically. The outside of the envelope shall show the name and address of the Bidder, the State Contractor's License Number of the Bidder (if work requires contractor's license), and the Project name and number for which the Bid is submitted, along with the Bid number.
- 02.05 The price quoted for the Work shall be stated in words and figures on the Bid Form, and in numbers only on the Unit Price Form. The price in the Proposal shall include all costs necessary for the complete performance of the Work in full conformity with the conditions of the Contract Documents, and shall include all applicable Federal, State, Parish, Municipal or other taxes. The price bid for the items listed on the Unit Price Form will include the cost of all related items not listed, but which are normally required to do the type of Work bid.
- 02.06 The Bid shall be signed by the Bidder. The information required on the Louisiana Uniform Public Work Bid Form must be provided. Evidence of agency, corporate, or partnership authority is required and shall be provided in conformance with LSA-R.S. 38:2212(B).
- 02.07 Only the Contractors licensed by the State to do the type of Work involved can submit a Proposal for the Work. The envelope containing the Proposal shall have the Contractor's license number on it. Failure to be properly licensed constitutes authority by the Owner for rejection of Bid.
- 02.08 Bidders shall not attach any conditions or provisions to the Proposal. Any conditions or provisions so attached may, at the sole option of the Owner, cause rejection of the Bid or Proposal.
- 02.09 A Bid Guarantee of five percent (5%) of the amount of the total Bid, including Alternates, must accompany the Proposal and, at the option of the Bidder, may be a cashier's check, certified check or a satisfactory Bid Bond. The Bid Guarantee must be attached to the Louisiana Uniform Public Work Bid Form. No Bid will be considered unless it is so guaranteed. Cashier's check or certified check must be made payable to the order of the Owner. Cash deposits will not be accepted. The Owner reserves the right to cash or deposit the cashier's check or certified check. Such guarantees shall be made payable to the Parish

of St. Tammany. In accordance with LSA-R.S. 38:2218(C), if a bid bond is used, it shall be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the Federal Register, or by a Louisiana domiciled insurance company with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide to write individual bonds up to ten percent of policyholders' surplus as shown in the A.M. Best's Key Rating Guide, or by an insurance company in good standing licensed to write bid bonds which is either domiciled in Louisiana or owned by Louisiana residents. It is **not** required to be on any AIA form.

- 02.10 Bid securities of the three (3) lowest Bidders will be retained by the Owner until the Contract is executed or until final disposition is made of the Bids submitted. Bid securities of all other Bidders will be returned promptly after the canvas of Bids. Bids shall remain binding for forty-five (45) days after the date set for Bid Opening. The Parish shall act within the forty-five (45) days to award the contract to the lowest responsible bidder or reject all bids as permitted by Public Bid Law. However, the Parish and the lowest responsible bidder, by mutual written consent, may agree to extend the deadline for award by one or more extensions of thirty (30) calendar days. In the event the Owner issued the Letter of Award during this period, or any extension thereof, the Bid accepted shall continue to remain binding until the Execution of the Contract.
- 02.11 A Proposal may be withdrawn at any time prior to the scheduled closing time for receipt of Bids, provided the request is in writing, executed by the Bidder or its duly authorized representative and is filed with the Owner prior to that time. When such a request is received, the Proposal will be returned to the Bidder unopened.
- 02.12 Written communications, over the signature of the Bidder, to modify Proposals will be accepted and the Proposal corrected in accordance therewith if received by the Owner prior to the scheduled closing time for receipt of Bids. Oral, telephonic or telegraphic Modifications will not be considered.
- 02.13 No oral interpretation obligating the Owner will be made to any Bidder as to the meaning of the Drawings, Specifications and Contract Documents. Every request for such an interpretation shall be made in writing and addressed and forwarded to the Owner. No inquiry received within seven (7) days prior to the day fixed for opening of the Bids shall be given consideration. Every interpretation made to the Bidder shall be in the form of an addendum to the Specifications. All such Addenda shall become part of the Contract Documents. Failure of Bidder to receive any such interpretation shall not relieve any Bidder from any obligation under this Bid. All Addenda shall be issued in accordance with the Public Bid Law, LSA-R.S. 38:2212(O)(2)(a) and (b).
- 02.14 The Owner reserves the right to reject any or all Bids for just cause in accordance with the Public Bid Law, LSA-R.S. 38:2214(B). Incomplete, informal or unbalanced Bids may be rejected. Reasonable grounds for belief that any one Bidder is concerned directly or indirectly with more than one Bid will cause rejection of all Bids wherein such Bidder is concerned. If required, a Bidder shall furnish satisfactory evidence of its competence and ability to perform the Work stipulated in its Proposal. Incompetence will constitute cause for rejection. If the Parish determines that the bidder is not responsive or responsible for any reason whatsoever, the bid may be rejected in accordance with State law.
- 02.15 The Contractor shall indemnify and hold harmless the Owner from any and all suits, costs, penalties or claims for infringement by reason of use or installation of any patented design, device, material or process, or any trademark and copyright in connection with the Work agreed to be performed under this Contract, and shall indemnify and hold harmless the Owner for any costs, expenses and damages which it may be obliged to pay by reason of any such infringement at any time during the prosecution or after completion of the Work.
- 02.16 Bidders shall familiarize themselves with and shall comply with all applicable Federal and State Laws, municipal ordinances and the rules and regulations of all authorities having jurisdiction over construction of the Project, which may directly or indirectly affect the Work or its prosecution. These laws and/or ordinances will be deemed to be included in the Contract, as though herein written in full.
- 02.17 Each Bidder shall visit the site of the proposed Work and fully acquaint itself with all surface and subsurface conditions as they may exist so that it may fully understand this

Contract. Bidder shall also thoroughly examine and be familiar with drawings, Specifications and Contract Documents. The failure or omission of any Bidder to receive or examine any form instrument, Drawing or document or to visit the site and acquaint itself with existing conditions, shall in no way relieve any Bidder from any obligation with respect to its Bid and the responsibility in the premises.

- 02.18 The standard contract form enclosed with the Proposal documents is a prototype. It is enclosed with the Contract Documents for the guidance of the Owner and the Contractor. It has important legal consequences in all respects and consultation with an attorney is encouraged. Contractor shall be presumed to have consulted with its own independent legal counsel.
- 02.19 When one set of Contract plans show the Work to be performed by two or more prime Contractors, it is the responsibility of each Bidder to become knowledgeable of the Work to be performed by the other where the Work upon which this bid is submitted is shown to come into close proximity or into conflict with the Work of the other. In avoiding conflicts, pressure pipe lines must be installed to avoid conflict with gravity pipe lines and the Bidder of the smaller gravity pipe line in conflict with the larger gravity pipe line must include in his Bid the cost of a conflict box at these locations. The location of and a solution to the conflicts do not have to be specifically noted as such on the plans.
- 02.20 Bidder shall execute affidavit(s) attesting compliance with LSA-R.S. 38:2212.10, 38:2224, 38:2227, each as amended, and other affidavits as required by law, prior to execution of the contract.
- 02.21 Sealed Proposals (Bid) shall be received by St. Tammany Parish Government at the office of St. Tammany Parish Government, Department of Procurement, 21454 Koop Drive, Suite 2-F, Mandeville, LA 70471, until the time and date denoted in Notice to Bidders, at which time and place the Proposals (Bids), shall be publicly opened and read aloud to those present. In accordance with LSA-R.S. 38-2212(A)(3)(c)(i), the designer's final estimated cost of construction shall be read aloud upon opening bids. Sealed Proposals (Bids) may also be mailed by certified mail to St. Tammany Parish Government, Department of Procurement, 21454 Koop Drive, Suite 2-F, Mandeville, LA 70471, and must be received before the bid opening. Bids may also be submitted electronically. Information concerning links for electronic bidding is contained in the Notice to Bidders.
- 02.22 Proposals (Bids) shall be executed on Forms furnished and placed in a sealed envelope, marked plainly and prominently as indicated in the Notice to Bidders, and these General Conditions, and addressed:

St. Tammany Parish Government
Department of Procurement
21454 Koop Drive, Suite 2-F
Mandeville, LA 70471

- 02.23 Complete sets of Drawings, Specifications, and Contract Documents may be secured at the Office of the Owner. See Notice to Bidders for deposit schedule.
- 02.24 The successful bidder shall be required to post in each direction a public information sign, 4' x 8' in size, at the location of the project containing information required by the Owner. The Owner shall supply this information.

03.00 AWARD, EXECUTION OF DOCUMENTS, BONDS, ETC.

- 03.01 The award of the Contract, if it is awarded, will be to the lowest responsible Bidder, in accordance with State Law. No award will be made until the Owner has concluded such investigations as it deems necessary to establish the responsibility, qualifications and financial ability and stability of the Bidder to do the Work in accordance with the Contract Documents to the satisfaction of the Owner within the time prescribed as established by the Department based upon the amount of work to be performed and the conditions of same. The written contract and bond shall be issued in conformance with LSA-R.S. 38:2216. The Owner reserves the right to reject the Bid of any Bidder in accordance with the Public Bid Law, LSA-R.S. 38:2214. If the Contract is awarded, the Owner shall give the successful Bidder written notice of the award within forty-five (45) calendar days after

the opening of the Bids in conformance with LSA-R.S. 38:2215(A), or any extension as authorized thereunder.

- 03.02 At least three counterparts of the Agreement and of such other Contract Documents as practicable shall be signed by the Owner and the Contractor. The Owner shall identify those portions of the Contract Documents not so signed and such identification shall be binding on both parties. The Owner and the Contractor shall each receive an executed counterpart of the Contract Documents.
- 03.03 Prior to the execution of the Agreement, the Contractor shall deliver to the Owner the required Bonds.
- 03.04 Failure of the successful Bidder to execute the Agreement and deliver the required Bonds within twenty (20) days of the Notice of the Award shall be just cause for the Owner to annul the award and declare the Bid and any guarantee thereof forfeited.
- 03.05 In order to ensure the faithful performance of each and every condition, stipulation and requirement of the Contract and to indemnify and save harmless the Owner from any and all damages, either directly or indirectly arising out of any failure to perform same, the successful Bidder to whom the Contract is awarded shall furnish a surety Bond in an amount of at least equal to one hundred percent (100%) of the Contract Price. The Contract shall not be in force or binding upon the Owner until such satisfactory Bond has been provided to and approved by the Parish. The cost of the Bond shall be paid for by the Contractor unless otherwise stipulated in the Special Provisions.
- 03.06 No surety Company will be accepted as a bondsman who has no permanent agent or representative in the State upon whom notices referred to in the General Conditions of these Specifications may be served. Services of said notice on said agent or representative in the State shall be equal to service of notice on the President of the Surety Company, or such other officer as may be concerned.
- 03.07 In conformance with LSA-R.S. 38:2219(A)(1)(a), (b), and (c):

Any surety bond written for a public works project shall be written by a surety or insurance company currently on the U.S. Department of the Treasury Financial Management Service list of approved bonding companies which is published annually in the Federal Register, or by a Louisiana domiciled insurance company with at least an A- rating in the latest printing of the A.M. Best's Key Rating Guide, to write individual bonds up to ten percent of policyholders' surplus as shown in the A.M. Best's Key Rating Guide or by an insurance company that is either domiciled in Louisiana or owned by Louisiana residents and is licensed to write surety bonds.

For any public works project, no surety or insurance company shall write a bond which is in excess of the amount indicated as approved by the U.S. Department of the Treasury Financial Management Service list or by a Louisiana domiciled insurance company with an A- rating by A.M. Best up to a limit of ten percent of policyholders' surplus as shown by A.M. Best; companies authorized by this Paragraph who are not on the treasury list shall not write a bond when the penalty exceeds fifteen percent of its capital and surplus, such capital and surplus being the amount by which the company's assets exceed its liabilities as reflected by the most recent financial statements filed by the company with the Department of Insurance.

In addition, any surety bond written for a public works project shall be written by a surety or insurance company that is currently licensed to do business in the state of Louisiana. All contractors must comply with any other applicable provisions of LSA-R.S. 38:2219.

- 03.08 Should the Contractor's Surety, even though approved and accepted by the Owner, subsequently remove its agency or representative from the State or become insolvent, bankrupt, or otherwise fail, the Contractor shall immediately furnish a new Bond in another company approved by the Owner, at no cost to the Owner. The new Bond shall be executed under the same terms and conditions as the original Bond. The new bond shall be submitted within thirty (30) days of such time as the Owner notifies Contractor or from the time Contractor learns or has reason to know that the original surety is no longer financially viable or acceptable to the Parish, whichever occurs first. In the event that Contractor fails

or refuses to timely secure additional surety, then the Owner may secure such surety and thereafter deduct such cost or expense from any sum due or to become due Contractor.

- 03.09 The Contractor's bondsman shall obligate itself to all the terms and covenants of these Specifications and of contracts covering the Work executed hereunder. The Owner reserves the right to do Extra Work or make changes by altering, adding to deducting from the Work under the conditions and in the manner herein before described without notice to the Contractor's surety and without in any manner affecting the liability of bondsman or releasing it from any of its obligations hereunder.
- 03.10 The Bond shall also secure for the Owner the faithful performance of the Contract in strict accordance with plans and Specifications. It shall protect the Owner against all lien laws of the State and shall provide for payment of reasonable attorney fees for enforcement of Contract and institution or concursus proceedings, if such proceedings become necessary. Likewise, it shall provide for all additional expenses of the Owner occurring through failure of the Contractor to perform.
- 03.11 The surety of the Contractor shall be and does hereby declare and acknowledge itself by acceptance to be bound to the Owner as a guarantor, jointly and in solido, with the Contractor, for fulfillment of terms of Section 03.00.
- 03.12 The performance Bond and Labor and Material Bond forming part of this Contract shall be continued by Contractor and its Surety for a period of one (1) year from date of acceptance of this Contract by Owner to assure prompt removal and replacement of all defective material, equipment, components thereof, workmanship, etc., and to assure payment of any damage to property of Owner or others as a result of such defective materials, equipment, workmanship, etc.
- 03.13 Contractor shall pay for the cost of recording the Contract and Bond and the cost of canceling same. Contractor shall also secure and pay for all Clear Lien and Privilege Certificates (together with any updates) which will be required before any final payment is made, and that may be required before any payment, at the request of the Owner, its representative, agent, architect, engineer and the like. All recordation and Clear Lien and Privilege Certificate requirements shall be in accordance with those requirements noted herein before in contract Specifications.

04.00 SUBCONTRACTS

- 04.01 Contractor shall be fully responsible for all acts and omissions of its Subcontractors and of persons and organizations for whose acts any of them may be liable to the same extent that it is responsible for the acts and omissions of persons directly employed by it. Nothing in the Contract Documents shall create any contractual relationship between Owner and any Subcontractor or other person or organization having a direct Contract with Contractor, nor shall it create any obligation on the part of the Owner to pay or to see to the payment of any monies due any Subcontractor.
- 04.02 Nothing in the Contract Documents shall be construed to control the Contractor in dividing the Work among approved Subcontractors or delineating the Work to be performed by any trade.
- 04.03 The Contractor agrees to specifically bind every Subcontractor to all of the applicable terms and conditions of the Contract Documents prior to commencing Work. Every Subcontractor, by undertaking to perform any of the Work, shall thereby automatically be deemed bound by such terms and conditions.
- 04.04 The Contractor shall indemnify and hold harmless the Owner and their agents and employees from and against all claims, damages, losses and expenses including Attorney's fees arising out of or resulting from the Contractor's failure to bind every Subcontractor and Contractor's surety to all of the applicable terms and conditions of the Contract Documents.

05.00 ASSIGNMENT

05.01 Neither party to this Contract shall assign or sublet its interest in this Contract without prior written consent of the other, nor shall the Contractor assign any monies due or to become due to it under this Contract without previous written consent of the Owner, nor without the consent of the surety unless the surety has waived its right to notice of assignment.

06.00 CORRELATION, INTERPRETATION AND INTENT OF CONTRACT DOCUMENTS.

06.01 It is the intent of the Specifications and Drawings to describe a complete Project to be constructed in accordance with the Contract Documents. The Contract Documents comprise the entire Agreement between Owner and Contractor. Alterations, modifications and amendments shall only be in writing between these parties.

06.02 The Contract Documents are intended to be complimentary and to be read *in pari materii*, and what is called for by one is as binding as if called for by all. If Contractor finds a conflict, error or discrepancy in the Contract Documents, it shall call it to the Owner's attention, in writing, at once and before proceeding with the Work affected thereby; however, it shall be liable to Owner for its failure to discover any conflict, error or discrepancy in the Specifications or Drawings. In resolving such conflicts, errors and discrepancies, the documents shall be given precedence in the following order: Agreement, Modifications, Addenda, Special Conditions, General Conditions, Construction Specifications and Drawings. The general notes on the plans shall be considered special provisions. Figure dimensions on Drawings shall govern over scale dimensions and detail Drawings shall govern over general Drawings. Where sewer connections are shown to fall on a lot line between two lots, the Contractor shall determine this location by measurement not by scale. Any Work that may reasonably be inferred from the Specifications or Drawings as being required to produce the intended result shall be supplied whether or not it is specifically called for. Work, materials or equipment described herein which so applied to this Project are covered by a well-known technical meaning or specification shall be deemed to be governed by such recognized standards unless specifically excluded.

06.03 Unless otherwise provided in the Contract Documents, the Owner will furnish to the Contractor (free of charge not to exceed ten (10) copies) Drawings and Specifications for the execution of Work. The Drawings and Specifications are the property of the Owner and are to be returned to it when the purpose for which they are intended have been served. The Contractor shall keep one copy of all Drawings and Specifications, including revisions, Addenda, details, Shop Drawings, etc. on the Work in good order and available to the Owner or the regulatory agency of the governmental body having jurisdiction in the area of the Work.

07.00 SHOP DRAWINGS, BROCHURES AND SAMPLES

07.01 After checking and verifying all field measurements, Contractor shall submit to Owner for approval, five copies (or at Owner's option, one reproducible copy) of all Shop Drawings, which shall have been checked by and stamped with the approval of Contractor and identified as Owner may require. The data shown on the Shop Drawings will be complete with respect to dimensions, design criteria, materials of construction and the like to enable Owner to review the information as required.

07.02 Contractor shall also submit to Owner, for review with such promptness as to cause no delay in Work, all samples as required by the Contract Documents. All samples will have been checked by and stamped with the approval of Contractor identified clearly as to material, manufacturer, any pertinent catalog numbers and the use for which intended. At the time of each submission, Contractor shall in writing call Owner's attention to any deviations that the Shop Drawings or samples may have from the requirements of the Contract Documents.

07.03 Owner will review with reasonable promptness Shop Drawings and samples, but its review shall be only for conformance with the design concept of the Project and for compliance with the information given in the Contract Documents. The review of a separate item as such will not indicate approval of the assembly in which the item functions. Contractor shall make any corrections required by Owner and shall return the required number of

corrected copies of Shop Drawings and resubmit new samples for review. Contractor shall direct specific attention in writing or on resubmitted Shop Drawings to revisions other than the corrections called for by Owner on previous submissions. Contractor's stamp of approval on any Shop Drawing or sample shall constitute a representation to Owner that Contractor has determined and verified all quantities, dimensions, field construction criteria, materials catalog numbers and similar data and thereafter assumes full responsibility for doing so, and that it has reviewed or coordinated each Shop Drawing or sample with the requirements of the Work and the Contract Documents.

07.04 Where a Shop Drawing or sample submission is required by the Specifications, no related Work shall be commenced until the submission has been reviewed by Owner. A copy of each reviewed shop Drawing and each inspected sample shall be kept in good order by Contractor at the site and shall be available to Owner.

07.05 Owner's review of Shop Drawings or samples shall not relieve Contractor from its responsibility for any deviations from the requirements of the Contract Documents unless Contractor has in writing called Owner's attention to such deviation at the time of submission and Owner has given written approval to the specific deviation, nor shall any review by Owner relieve Contractor from responsibility for errors or omissions in the Shop Drawings. The mere submittal of shop drawings which contain deviations from the requirements of plans, specifications and/or previous submittals in itself does not satisfy this requirement.

08.00 RECORD DRAWINGS

08.01 The Contractor shall keep an accurate record in a manner approved by the Owner of all changes in the Contract Documents during construction. In Work concerning underground utilities, the Contractor shall keep an accurate record in a manner approved by the Owner of all valves, fittings, etc. Before the Work is accepted by the Owner, and said acceptance is recorded, the Contractor shall furnish the Owner a copy of this record.

08.02 Contractor shall keep an accurate drawing measured in the field to the nearest 0.1' of the location of all sewer house connections. The location shown shall be the end of the connection at the property line measured along the main line of pipe from a manhole.

08.03 Contractor shall keep an accurate drawing of the storm water drainage collection system. Inverts to the nearest 0.01' and top of castings shall be shown as well as location of all structures to the nearest 0.1'. Upon completion of the Work, the plan will be given to the Owner.

09.00 PROGRESS OF WORK

09.01 Contractor shall conduct the Work in such a professional manner and with sufficient materials, equipment and labor as is considered necessary to ensure its completion within the time limit specified.

09.02 The Owner shall issue a Notice to Proceed to the Contractor within twenty (20) calendar days from the date of execution of the Contract. Upon mutual consent by both parties, the Notice to Proceed may be extended. The Contractor is to commence Work under the Contract within ten (10) calendar days from the date the Notice to Proceed is issued by the Owner.

09.03 The Contractor, immediately after being awarded the Contract, shall prepare and submit for the Owner's approval an estimated progress schedule for the work to be performed, as well as a construction signing layout for all roads within the project area. The Contractor shall not start work or request partial payment until the work schedule has been submitted to the Owner for approval.

09.04 Revisions to the original schedule will be made based on extension of days granted for inclement weather or change orders issued under the contract. No other revision shall be made which affects the original completion or updated completion date, whichever is applicable.

09.05 Failure of the Contractor to submit an estimated progress schedule or to complete timely and on schedule the Work shown on the progress schedule negates any and all causes or claims by the Contractor for accelerated completion damages. These accelerated damage claims shall be deemed forfeited.

09.06 Meetings will be held as often as necessary to expedite the progress of the job. Meetings will be held during normal working hours at the jobsite and shall be mandatory for the Contractor and all Sub-Contractors working on the project. Meetings may be requested by the Owner at any time and at the discretion of the Owner.

10.00 OWNER'S RIGHT TO PROCEED WITH PORTIONS OF THE WORK

10.01 Upon failure of the Contractor to comply with any notice given in accordance with the provisions hereof, the Owner shall have the alternative right, instead of assuming charge of the entire Work, to place additional forces, tools, equipment and materials on parts of the Work. The cost incurred by the Owner in carrying on such parts of the Work shall be payable by the Contractor. Such Work shall be deemed to be carried on by the Owner on account of the Contractor. The Owner may retain all amounts of the cost of such Work from any sum due Contractor or those funds that may become due to Contractor under this Agreement.

10.02 Owner may perform additional Work related to the Project by itself or it may let any other direct contract which may contain similar General Conditions. Contractor shall afford the other contractors who are parties to such different contracts (or Owner, if it is performing the additional Work itself) reasonable opportunity for the introduction and storage of materials and equipment and the execution of Work, and shall properly connect and coordinate its Work with the subsequent work.

10.03 If any part of Contractor's Work depends upon proper execution or results upon the Work of any such other contractor (or Owner), Contractor shall inspect and promptly report to Owner in writing any defects or deficiencies in such Work that render it unsuitable for such proper execution and results. Failure to so report shall constitute an acceptance of the other Work as fit and proper for the relationship of its Work except as to defects and deficiencies which may appear in the other Work after the execution of its Work.

10.04 Whatever Work is being done by the Owner, other Contractors or by this Contractor, the parties shall respect the various interests of the other parties at all times. The Owner may, at its sole discretion, establish additional rules and regulations concerning such orderly respect of the rights of various interests.

10.05 Contractor shall do all cutting, fitting and patching of its Work that may be required to integrate its several parts properly and fit to receive or be received by such other Work. Contractor shall not endanger any Work of others by cutting, excavating or otherwise altering Work and will only alter Work with the written consent of Owner and of the other contractors whose Work will be affected.

10.06 If the performance of additional Work by other contractors or Owner is not noted in the Contract Documents, written notice thereof shall be given to Contractor prior to starting any such additional Work. If Contractor believes that the performance of such additional Work by Owner or others may cause additional expense or entitles an extension of the Contract Time, the Contractor may make a claim therefor. The claim must be in writing to the Owner within thirty (30) calendar days of receipt of notice from the Owner of the planned additional Work by others.

11.00 TIME OF COMPLETION

11.01 The Notice to Proceed will stipulate the date on which the Contractor shall begin work. That date shall be the beginning of the Contract Time charges.

11.02 Contractor shall notify the Owner through its duly authorized representative, in advance, of where Contractor's work shall commence each day. A daily log shall be maintained by Contractor to establish dates, times, persons contacted, and location of work. Specific notice shall be made to the Owner if the Contractor plans to work on Saturday, Sunday, or

a Parish approved holiday. If notice is not received, no consideration will be given for inclement weather and same shall be considered a valid work day.

11.03 The Work covered by the Plans, Specifications and Contract Documents must be completed sufficiently for acceptance within the number of calendar days specified in the Proposal and/or the Contract, commencing from the date specified in the Notice to Proceed. It is hereby understood and mutually agreed, by and between the Contractor and the Owner, that the time of completion is an essential condition of this Contract, and it is further mutually understood and agreed that if the Contractor shall neglect, fail or refuse to complete the Work within the time specified, or any proper extension thereof granted by the Owner, then the Contractor does hereby agree, as partial consideration for the awarding of this Contract, to pay the Owner \$1500.00 per day as specified in the Contract, not as a penalty, but as liquidated damages for such breach of contract for each and every calendar day that the Contractor shall be in default after the time stipulated in the Contract for completing the Work. It is specifically understood that the Owner shall also be entitled to receive a reasonable attorney fee and all costs in the event that Contractor fails to adhere to this agreement and this contract is referred to counsel for any reason whatsoever. Reasonable attorney fees shall be the prevailing hourly rate of the private sector, and in no event shall the hourly rate be less than \$175.00 per hour. All attorney fees shall be paid to the operating budget of the Office of the Parish President.

11.04 Prior to final payment, the Contractor may, in writing to the Owner, certify that the entire Project is substantially complete and request that the Owner or its agent issue a certificate of Substantial Completion. See Section 29.00.

11.05 The Owner may grant an extension(s) of time to the Contractor for unusual circumstances which are beyond the control of the Contractor and could not reasonably be foreseen by the Contractor prior to Bidding. Any such request must be made in writing to the Owner within seven (7) calendar days following the event occasioning the delay. The Owner shall have the exclusive and unilateral authority to determine, grant, and/or deny the validity of any such claim.

11.06 Extensions of time for inclement weather shall be processed as follows:

Commencing on the start date of each job, the Parish Inspector assigned to same shall keep a weekly log, indicating on each day whether inclement weather has prohibited the Contractor from working on any project within the specific job, based upon the following:

1. Should the Contractor prepare to begin work on any day in which inclement weather, or the conditions resulting from the weather, prevent work from beginning at the usual starting time, and the crew is dismissed as a result, the Contractor will not be charged for a working day whether or not conditions change during the day and the rest of the day becomes suitable for work.
2. If weather conditions on the previous day prevent Contractor from performing work scheduled, provided that no other work can be performed on any project within the package. The Parish Inspector shall determine if it is financially reasonable to require the Contractor to deviate from the schedule and relocate to another location.
3. If the Contractor is unable to work at least 60% of the normal work day due to inclement weather, provided that a normal working force is engaged on the job.

Any dispute of weather conditions as related to a specific job shall be settled by records of the National Weather Service.

11.07 Extensions of time for change orders

When a change order is issued, the Owner and Contractor will agree on a reasonable time extension, if any, to implement such change. Consideration shall be given for, but not limited to, the following:

1. If material has to be ordered;
2. Remobilization and or relocation of equipment to perform task; and
3. Reasonable time frame to complete additional work.

Time extensions for change orders shall be reflected on the official document signed by the Owner and Contractor.

- 11.08 At the end of each month, the Owner or its agent will furnish to the Contractor a monthly statement which reflects the number of approved days added to the contract. The Contractor will be allowed fourteen (14) calendar days in which to file a written protest setting forth in what respect the monthly statement is incorrect; otherwise, the statement shall be considered accepted by the Contractor as correct.
- 11.09 Apart from extension of time for unavoidable delays, no payment or allowance of any kind shall be made to the Contractor as compensation for damages because of hindrance or delay for any cause in the progress of the Work, whether such delay be avoidable or unavoidable.

12.00 LIQUIDATED DAMAGES

- 12.01 In case the Work is not completed in every respect within the time that may be extended, it is understood and agreed that per diem deductions of the sum of \$1500.00 for liquidated damages, as stipulated in the Proposal and/or Contract, shall be made from the total Contract Price for each and every calendar day after and exclusive of the day on which completion was required, and up to the completion of the Work and acceptance thereof by the Owner. It is understood and agreed that time is of the essence to this Contract, and the above sum being specifically herein agreed upon in advance as the measure of damages to the Owner on account of such delay in the completion of the Work. It is further agreed that the expiration of the term herein assigned or as may be extended for performing the Work shall, *ipso facto*, constitute a putting in default, the Contractor hereby waiving any and all notice of default. The Contractor agrees and consents that the Contract Price, reduced by the aggregate of the entire damages so deducted, shall be accepted in full satisfaction of all Work executed under this Contract. It is further understood and agreed that Contractor shall be liable for a reasonable attorney fee and all costs associated with any breach of this agreement, including but not limited to this subsection. In the event that any dispute or breach herein causes referrals to counsel, then Contractor agrees to pay a reasonable attorney fee at the prevailing hourly rate of the private sector. In no event shall the hourly rate be less than \$175.00 per hour.

13.00 LABOR, MATERIALS, EQUIPMENT, SUPERVISION, PERMITS AND TAXES

- 13.01 The Contractor shall provide and pay for all labor, materials, equipment, supervision, subcontracting, transportation, tools, fuel, power, water, sanitary facilities and all incidentals necessary for the completion of the Work in substantial conformance with the Contract Documents.
- 13.02 The Contractor shall provide competent, suitably qualified personnel to survey and lay out the Work and perform construction as required by the Contract Documents. It shall at all times maintain good discipline and order at the site.
- 13.03 Unless otherwise specifically provided for in the Specifications, all workmanship, equipment, materials, and articles incorporated in the Work covered by this Contract are to be new and of the best grade of their respective kinds for the purpose intended. Samples of materials furnished under this Contract shall be submitted for approval to the Owner when and as directed.
- 13.04 Whenever a material or article required is specified or shown on the plans by using the name of a proprietary product or of a particular manufacturer or vendor, any material or article which shall perform adequately the duties imposed by the general design will be considered equal, and satisfactory, providing the material or article so proposed is of equal substance and function and that all technical data concerning the proposed substitution be approved by the Owner prior to the Bidding. The Owner shall have the exclusive and unilateral discretion to determine quality and suitability in accordance with LSA-R.S. 38:2212(T)(2).

- 13.05 Materials shall be properly and securely stored so as to ensure the preservation of quality and fitness for the Work, and in a manner that leaves the material accessible to inspection. Materials or equipment may not be stored on the site in a manner such that it will interfere with the continued operation of streets and driveways or other contractors working on the site.
- 13.06 The Contractor, by entering into the Contract for this Work, sets itself forth as an expert in the field of construction and it shall supervise and direct the Work efficiently and with its best skill and attention. It shall be solely responsible for the means, methods, techniques, sequences and procedures of construction.
- 13.07 Contractor shall keep on the Work, at all times during its progress, a competent resident Superintendent, who shall not be replaced without written Notice to Owner except under extraordinary circumstances. The Superintendent will be Contractor's representative at the site and shall have authority to act on behalf of Contractor. All communications given to the Superintendent shall be as binding as if given to the Contractor. Owner specifically reserves the right to approve and/or disapprove the retention of a new superintendent, all to not be unreasonably withheld.
- 13.08 Any foreman or workman employed on this Project who disregards orders or instructions, does not perform his Work in a proper and skillful manner, or is otherwise objectionable, shall, at the written request of the Owner, be removed from the Work and shall be replaced by a suitable foreman or workman.
- 13.09 The Contractor and/or its assigned representative shall personally ensure that all subcontracts and divisions of the Work are executed in a proper and workmanlike manner, on scheduled time, and with due and proper cooperation.
- 13.10 Failure of the Contractor to keep the necessary qualified personnel on the Work shall be considered cause for termination of the Contract by the Owner.
- 13.11 Only equipment in good working order and suitable for the type of Work involved shall be brought onto the job and used by the Contractor. The Contractor is solely responsible for the proper maintenance and use of its equipment and shall hold the Owner harmless from any damages or suits for damages arising out of the improper selection or use of equipment. No piece of equipment necessary for the completion of the Work shall be removed from the job site without approval of the Owner.
- 13.12 All Federal, State and local taxes due or payable during the time of Contract on materials, equipment, labor or transportation, in connection with this Work, must be included in the amount bid by the Contractor and shall be paid to proper authorities before acceptance. The Contractor shall furnish all necessary permits and certificates and comply with all laws and ordinances applicable to the locality of the Work. The cost of all inspection fees levied by any governmental entity whatsoever shall be paid for by the Contractor.
- 13.13 In accordance with St. Tammany Police Jury Resolution 86-2672, as amended, the Contractor must provide in a form suitable to the Owner an affidavit stating that all applicable sales taxes for materials used on this project have been paid.
- 13.14 During the period that this Contract is in force, neither party to the Contract shall solicit for employment or employ an employee of the other.
- 13.15 All materials or equipment shown on the Drawings or included in these specifications shall be furnished unless written approval of a substitute is obtained from the Designer, or Owner if no separate designer.
- 13.16 If a potential supplier wishes to submit for prior approval a particular product other than a product specified in the contract documents, he shall do so no later than seven working days prior to the opening of bids. Within three days, exclusive of holidays and weekends, after such submission, the prime design professional shall furnish to both the public entity and the potential supplier written approval or denial of the product submitted. The burden of proof of the equality of the proposed substitute is upon the proposer and only that information formally submitted shall be used by the Designer in making its decision.

13.17 The decision of the Designer/Owner shall be given in good faith and shall be final.

14.00 QUANTITIES OF ESTIMATE, CHANGES IN QUANTITIES, EXTRA WORK

14.01 Whenever the estimated quantities of Work to be done and materials to be furnished under this Contract are shown in any of the documents, including the Proposal, such are given for use in comparing Bids and the right is especially reserved, except as herein otherwise specifically limited, to increase or diminish same not to exceed twenty-five percent (25%) by the Owner to complete the Work contemplated by this Contract. Such increase or diminution shall in no way vitiate this Contract, nor shall such increase or diminution give cause for claims or liability for damages.

14.02 The Owner shall have the right to make alterations in the line, grade, plans, form or dimensions of the Work herein contemplated, provided such alterations do not change the total cost of the Project, based on the originally estimated quantities, and the unit prices bid by more than twenty-five percent (25%) and provided further that such alterations do not change the total cost of any major item, based on the originally estimated quantities and the unit price bid by more than twenty-five (25%). (A major item shall be construed to be any item, the total cost of which is equal to or greater than ten percent (10%) of the total Contract Price, computed on the basis of the Proposal quantity and the Contract unit price). Should it become necessary, for the best interest of the Owner, to make changes in excess of that herein specified, the same shall be covered by supplemental agreement either before or after the commencement of the Work and without notice to the sureties. If such alterations diminish the quantity of Work to be done, such shall not constitute a claim for damages for anticipated profits for the Work dispensed with, but when the reduction in amount is a material part of the Work contemplated, the Contractor shall be entitled to only reasonable compensation as determined by the Owner for overhead and equipment charges which it may have incurred in expectation of the quantity of Work originally estimated, unless specifically otherwise provided herein; if the alterations increase the amount of Work, the increase shall be paid according to the quantity of Work actually done and at the price established for such Work under this Contract except where, in the opinion of the Owner, the Contractor is clearly entitled to extra compensation.

14.03 Without invalidating the Contract, the Owner may order Extra Work or make changes by altering, adding to, or deducting from the Work, the Contract sum being adjusted accordingly. The consent of the surety must first be obtained when necessary or desirable, all at the exclusive discretion of the Owner. All the Work of the kind bid upon shall be paid for at the price stipulated in the Proposal, and no claims for any Extra Work or material shall be allowed unless the Work is ordered in writing by the Owner.

14.04 Extra Work for which there is no price or quantity included in the Contract shall be paid for at a unit price or lump sum to be agreed upon in advance in writing by the Owner and Contractor. Where such price and sum cannot be agreed upon by both parties, or where this method of payment is impracticable, the Owner may, at its exclusive and unilateral discretion, order the Contractor to do such Work on a Force Account Basis.

14.05 In computing the price of Extra Work on a Force Account Basis, the Contractor shall be paid for all foremen and labor actually engaged on the specific Work at the current local rate of wage for each and every hour that said foremen and labor are engaged in such Work, plus ten percent (10%) of the total for superintendence, use of tools, overhead, direct & indirect costs/expenses, pro-rata applicable payroll taxes, pro-rata applicable workman compensation benefits, pro-rata insurance premiums and pro-rata reasonable profit. The Contractor shall furnish satisfactory evidence of the rate or rates of such insurance and tax. The Contractor will not be able to collect any contribution to any retirement plans or programs.

14.06 For all material used, the Contractor shall receive the actual cost of such material delivered at the site of the Work, as shown by original receipted bill, to which shall be added five percent (5%). There will be absolutely no additional surcharges or additional fees attached hereto with respect to this subsection.

14.07 For any equipment used that is owned by the Contractor, the Contractor shall be allowed a rental based upon the latest prevailing rental price, but not to exceed a rental price as determined by the Associated Equipment Distributors (A.E.D. Green Book).

- 14.08 The Contractor shall also be paid the actual costs of transportation for any equipment which it owns and which it has to transport to the Project for the Extra Work. There will be absolutely no additional surcharges or additional fees attached hereto with respect to this subsection.
- 14.09 If the Contractor is required to rent equipment for Extra Work, but not required for Contract items, it will be paid the actual cost of rental and transportation of such equipment to which no percent shall be added. The basis upon which rental cost are to be charged shall be agreed upon in writing before the Work is started. Actual rental and transportation costs shall be obtained from receipted invoices and freight bills.
- 14.10 No compensation for expenses, fees or costs incurred in executing Extra Work, other than herein specifically mentioned herein above, will be allowed.
- 14.11 A record of Extra Work on Force Account basis shall be submitted to the Owner on the day following the execution of the Work, and no less than three copies of such record shall be made on suitable forms and signed by both the Owner or his representative on the Project and the Contractor. All bids for materials used on extra Work shall be submitted to the Owner by the Contractor upon certified statements to which will be attached original bills covering the costs of such materials.
- 14.12 Payment for Extra Work of any kind will not be allowed unless the same has been ordered in writing by the Owner.

15.00 STATUS OF THE ENGINEER (NOT APPLICABLE)

16.00 INJURIES TO PERSONS AND PROPERTY

- 16.01 The Contractor shall be held solely and exclusively responsible for all injuries to persons and for all damages to the property of the Owner or others caused by or resulting from the negligence of itself, its employees or its agents, during the progress of or in connection with the Work, whether within the limits of the Work or elsewhere under the Contract proper or as Extra Work. This requirement will apply continuously and not be limited to normal working hours or days. The Owner's construction review is for the purpose of checking the Work product produced and does not include review of the methods employed by the Contractor or to the Contractor's compliance with safety measures of any nature whatsoever. The Contractor agrees to pay a reasonable attorney fee and other reasonable attendant costs of the Owner in the event it becomes necessary for the Owner to employ an attorney to enforce this section or to protect itself against suit over the Contractor's responsibilities. Attorney fees shall be at the prevailing hourly rate of the private sector. The attorney fee hourly rate shall not be less than \$175.00 per hour. All attorney fees collected shall be paid to the operating budget of the Office of the Parish President.
- 16.02 The Contractor must protect and support all utility infrastructures or other properties which are liable to be damaged during the execution of its Work. It shall take all reasonable and proper precautions to protect persons, animals and vehicles or the public from the injury, and wherever necessary, shall erect and maintain a fence or railing around any excavation, and place a sufficient number of lights about the Work and keep same burning from twilight until sunrise, and shall employ one or more watchmen as an additional security whenever needed. The Contractor understands and agrees that the Owner may request that security be placed on the premises to ensure and secure same. The Owner shall have exclusive authority to request placement of such security. Contractor agrees to retain and place security as requested, all at the sole expense of Contractor. Additional security shall not be considered a change order or reason for additional payment by the Owner. The Contractor must, as far as practicable and consistent with good construction, permit access to private and public property and leave fire hydrants, catch basins, streets, etc., free from encumbrances. The Contractor must restore at its own expense all injured or damaged property caused by any negligent act of omission or commission on its part or on the part of its employees or subcontractors, including, but not limited to, sidewalks, curbing, sodding, pipes conduits, sewers, buildings, fences, bridges, retaining walls, tanks, power lines, levees or any other building or property whatsoever to a like condition as existed prior to such damage or injury.

- 16.03 In case of failure on the part of the Contractor to restore such property or make good such damage, the Owner may upon forty-eight (48) hours' notice proceed to repair or otherwise restore such property as may be deemed necessary, and the cost thereof will be deducted from any monies due or which may become due under its Contract.
- 16.04 Contractor agrees to protect, defend, indemnify, save, and hold harmless St. Tammany Parish Government, its elected and appointed officials, departments, agencies, boards and commissions, their officers, agents servants, employees, including volunteers, from and against any and all claims, demands, expense and liability arising out of injury or death to any person or the damage, loss or destruction of any property to the extent caused by any negligent act or omission or willful misconduct of Contractor, its agents, servants, employees, and subcontractors, or any and all costs, expense and/or attorney fees incurred by St. Tammany Parish Government as a result of any claim, demands, and/or causes of action that results from the negligent performance or non-performance by Contractor, its agents, servants, employees, and subcontractors of this contract. Contractor agrees to investigate, handle, respond to, provide defense for and defend any such claims, demand, or suit at its sole expense and agrees to bear all other costs and expenses related thereto caused by any negligent act or omission or willful misconduct of Contractor, its agents, servants, employees, and subcontractors.
- 16.05 As to any and all claims against Owner, its agents, assigns, representatives or employees by any employee of Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts as may be liable, the indemnification obligation under Paragraph 16.04 shall not be limited in any way or by any limitation on the amount or type of damages, compensation or benefits payable by or for Contractor or any Subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.
- 16.06 No road shall be closed by the Contractor to the public except by written permission of the Owner. If so closed, the Contractor shall maintain traffic over, through and around the Work included in his Contract, with the maximum practical convenience, for the full twenty-four hours of each day of the Contract, whether or not Work has ceased temporarily. The Contractor shall notify the Owner at the earliest possible date after the Contract has been executed and, in any case, before commencement of any construction that might in any way inconvenience or endanger traffic, in order that necessary and suitable arrangements may be determined. Any and all security, maintenance, labor or costs associated with traffic control herein shall be at the sole expense of Contractor. This expense shall be paid directly by the Contractor. This expense shall not be considered as a change order nor shall it allow the Contractor any additional cost reimbursement whatsoever. All traffic deviations herein shall be coordinated with the appropriate law enforcement officials of this Parish.
- 16.07 The convenience of the general public and residents along the Works shall be provided for in a reasonable, adequate and satisfactory manner. Where existing roads are not available as detours, and unless otherwise provided, all traffic shall be permitted to pass through the Work. In all such cases, the public shall have precedence over Contractor's vehicles insofar as the traveling public's vehicles shall not be unduly delayed for the convenience of the Contractor. In order that all unnecessary delay to the traveling public may be avoided, the Contractor shall provide and station competent flagmen whose sole duties shall consist of directing and controlling the movement of public traffic either through or around the Work. Any and all security, maintenance, labor or costs associated with traffic control herein shall be at the sole expense of Contractor. This expense shall be paid directly by the Contractor. This expense shall not be considered as a change order nor shall it allow the Contractor any additional cost reimbursement whatsoever. All traffic deviations herein shall be coordinated with the appropriate law enforcement officials of this Parish.
- 16.08 The Contractor shall arrange its Work so that no undue or prolonged blocking of business establishments will occur.
- 16.09 Material and equipment stored on the right of way or work site shall be so placed and the Work at times shall be so conducted as to ensure minimum danger and obstruction to the traveling public.
- 16.10 During grading operations when traffic is being permitted to pass through construction, the Contractor shall provide a smooth, even surface that will provide a satisfactory passageway

for use of traffic. The road bed shall be sprinkled with water if necessary to prevent a dust nuisance, provided the dust nuisance is a result of the Work.

- 16.11 Fire hydrants shall be accessible at all times to the Fire Department. No material or other obstructions shall be placed closer to a fire hydrant than permitted by ordinances, rules or regulations or within fifteen (15) feet of a fire hydrant, in the absence of such ordinance, rules or regulations.
- 16.12 The Contractor shall not, without the written permission of the Owner, do Work for a resident or property owner abutting the Work at the time that this Work is in progress.
- 16.13 No Work of any character shall be commenced on railroad right-of-way until the Railroad Company has issued a permit to the Owner and has been duly notified by the Contractor in writing (with a copy forwarded to the Owner) of the date it proposes to begin Work, and until an authorized representative of the Railroad Company is present, unless the Railroad Company waives such requirements. All Work performed by the Contractor within the right-of-way limits of the railroad shall be subject to the inspection and approval of the chief engineer of the Railroad Company or its authorized representative. Any precautions considered necessary by said chief engineer to safeguard the property, equipment, employees and passengers of the Railroad Company shall be taken by the Contractor without extra compensation. The Contractor shall, without extra compensation, take such precautions and erect and maintain such tell-tale or warning devices as the Railroad Company considers necessary to safeguard the operation of its trains. The temporary vertical and horizontal clearance specified by the chief engineer of the Railroad Company in approving these shall be maintained at all times. No steel, brick, pipe or any loose material shall be left on the ground in the immediate vicinity of the railway track. Before any Work is done within Railroad right of way, the Contractor shall provide and pay all costs of any special insurance requirements of the Railroad.
- 16.14 The Contractor, shall, without extra compensation, provide, erect, paint and maintain all necessary barricades. Also, without extra compensation, the Contractor shall provide suitable and sufficient lights, torches, reflectors or other warning or danger signals and signs, provide a sufficient number of watchmen and flagmen and take all the necessary precautions for the protection of the Work and safety of the Public.
- 16.15 The Contractor shall erect warning signs beyond the limits of the Project, in advance of any place on the Project where operations interfere with the use of the road by traffic, including all intermediate points where the new Work crosses or coincides with the existing road. All barricades and obstructions shall be kept well painted and suitable warning signs shall be placed thereon. All barricades and obstructions shall be illuminated at night and all lights or devices for this purpose shall be kept burning from sunset to sunrise.
- 16.16 Whenever traffic is maintained through or over any part of the Project, the Contractor shall clearly mark all traffic hazards. No direct payment will be made for barricades, signs and illumination therefore or for watchmen or flagmen.
- 16.17 The Contractor will be solely and completely responsible for conditions on the job site, including safety of all persons and property during performance of the Work. This requirement will apply continuously and not be limited to normal working hours. The duty of the Owner to conduct construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's safety measures, in, or near the construction site.

17.00 SANITARY PROVISIONS

- 17.01 The Contractor shall provide and maintain in a neat, sanitary condition such accommodations for the use of its employees as may be necessary to comply with the rules and regulations of the State Health Agency or of the other authorities having jurisdiction and shall permit no public nuisance.

18.00 RIGHTS OF WAY

18.01 The Owner will furnish the Contractor with all necessary rights-of-way for the prosecution of the Work. The rights of way herein referred to shall be taken to mean only permission to use or pass through the locations or space in any street, highway, public or private property in which the Contractor is to prosecute the Work.

18.02 It is possible that all lands and rights of way may not be obtained as herein contemplated before construction begins, in which event the Contractor shall begin its Work upon such land and rights of way as the Owner may have previously acquired. Any delay in furnishing these lands by the Owner can be deemed proper cause for adjustment in the Contract amount and/or in the time of completion.

19.00 PROTECTION AND RESTORATION OF PROPERTY AND LANDSCAPE

19.01 The Contractor shall not enter upon private property for any purpose without first obtaining permission from the Owner, as well as the private property owner and/or and private property Lessees. The Contractor shall use every precaution necessary for the preservation of all public and private property, monuments, highway signs, telephone lines, other utilities, etc., along and adjacent to the Work; the Contractor shall use every precaution necessary to prevent damage to pipes, conduits, and other underground structures; and shall protect carefully from disturbance or damage all land monuments and property marks until an authorized agent has witnessed or otherwise referenced their location and shall not remove them until directed. The street and highway signs and markers that are to be affected by the Work shall be carefully removed when the Work begins and stored in a manner to keep them clean and dry. The Contractor must obtain all necessary information in regard to existing utilities and shall give notice in writing to the owners or the proper authorities in charge of streets, gas, water, pipes, electric, sewers and other underground structures, including conduits, railways, poles and pole lines, manholes, catch basins, fixtures, appurtenances, and all other property that may be affected by the Contractor's operations, at least forty-eight (48) hours before its operations will affect such property. The Contractor shall not hinder or interfere with any person in the protection of such Work or with the operation of utilities at any time. When property, the operation of railways, or other public utilities are endangered, the Contractor shall at its own expense, maintain flagmen or watchmen and any other necessary precautions to avoid interruption of service or damage to life or property, and it shall promptly repair, restore, or make good any injury or damage caused by its negligent operations in an acceptable manner. The Contractor must also obtain all necessary information in regard to the installation of new cables, conduits, and transformers, and make proper provisions and give proper notifications, in order that same can be installed at the proper time without delay to the Contractor or unnecessary inconvenience to the Owner.

19.02 The Contractor shall not remove, cut or destroy trees, shrubs, plants, or grass that are to remain in the streets or those which are privately owned, without the proper authority. Unless otherwise provided in the Special Provisions or the Proposal, the Contractor shall replace and replant all plants, shrubs, grass and restore the grounds back to its original good condition to the satisfaction of the Owner and/or the property owner. The Contractor shall assume the responsibility of replanting and guarantees that plants, shrubs, grass will be watered, fertilized and cultivated until they are in a growing condition. No direct payment will be made for removing and replanting of trees, shrubs, plants or grass unless such items are set forth in the Proposal.

19.03 When or where direct damage or injury is done to public or private property by or on account of any negligent act, omission, neglect or otherwise of the Contractor, it shall make good such damage or injury in an acceptable manner.

20.00 CONTRACTORS RESPONSIBILITY FOR WORK

20.01 Until final acceptance of the Work by the Owner as evidence by approval of the final estimate, the Work shall be in the custody and under the charge and care of the Contractor and it shall take every necessary precaution against injury or damage to any part thereof by the action of the elements or from the non-execution of the Work; unless otherwise provided for elsewhere in the Specifications or Contract. The Contractor shall rebuild, repair, restore and make good, without extra compensation, all injuries or damages to any portion of the Work occasioned by any of the above causes before its completion and

acceptance, and shall bear the expenses thereof. In case of suspension of the Work from any cause whatever, the Contractor shall be responsible for all materials and shall properly and securely store same, and if necessary, shall provide suitable shelter from damage and shall erect temporary structures where necessary. If in the exclusive discretion of the Owner, any Work or materials shall have been damaged or injured by reason of failure on the part of the Contractor or any of its Subcontractors to so protect the Work, such materials shall be removed and replaced at the sole expense of the Contractor. Such amount shall be deducted from any sum due or to be due Contractor.

20.02 The Contractor shall give all notice and comply with all Federal, State, and local laws, ordinances, and regulations in any manner affecting the conduct of the Work, and all such orders and decrees as exist, or may be enacted by bodies or tribunals having any jurisdiction or authority over the Work, and shall indemnify and hold harmless the Owner against any claim or liability arising from, or based on, the violation of any such law, ordinance, regulation, order or decree, whether by itself, its employees or Subcontractors.

21.00 TESTS AND INSPECTIONS CORRECTION & REMOVAL OF DEFECTIVE WORK

21.01 Contractor warrants and guarantees to Owner that all materials and equipment will be new unless otherwise specified and that all Work will be of good quality and free from faults or defects and in accordance with the requirements of the Contract Documents. All unsatisfactory Work, all faulty or Defective Work and all Work not conforming to the requirements of the Contract Documents at the time of acceptance shall be considered Defective. Prompt and reasonable notice of all defects shall be given to the Contractor.

21.02 If the Contract Documents, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any Work to specifically be inspected, tested or approved by some public body, Contractor shall assume full responsibility therefor, pay all costs in connection therewith and furnish Owner the required certificates of inspection, testing or approval. All other inspections, tests and approval required by the Contract Documents shall be performed by organizations acceptable to Owner and Contractor and the costs thereof shall be borne by the Contractor unless otherwise specified.

21.03 Contractor shall give Owner timely notice of readiness of the Work for all inspections, tests or approvals. If any such Work required to be inspected, tested or approved is covered without written approval of Owner, it must, if requested by Owner, be uncovered for observation, and such uncovering shall be at Contractor's expense unless Contractor has given Owner timely notice of its intention to cover such Work and Owner has not acted with reasonable promptness in response to such notice.

21.04 Neither observations by Owner nor inspections, tests or approvals shall relieve Contractor from its obligations to perform the Work in accordance with the requirements of the Contract Document.

21.05 Owner and its representatives will at reasonable times have access to the Work. Contractor shall provide proper and safe facilities for such access and observation of the Work and also for any inspection or testing thereof by others.

21.06 If any Work is covered contrary to the written request of Owner, it must, be uncovered for Owner's observation and replaced at Contractor's expense. If any Work has been covered which Owner has not specifically requested to observe prior to its being covered, or if Owner considers it necessary or advisable that covered Work be inspected or tested by others, the Contractor, at Owner's request, shall uncover, expose or otherwise make available for observations, inspections or testing as Owner may require, that portion of the Work in question, furnishing all necessary labor, material and equipment. If it is found that such Work is Defective, Contractor shall bear all the expenses of such uncovering, exposure, observation, inspection and testing and of satisfactory reconstruction, including compensation for additional professional services, and an appropriate deductive Change Order shall be issued. If, however, such Work is not found to be Defective, Contractor shall be allowed an increase in the Contract Price or an extension of the Contract Time, or both, directly attributable to such uncovering, exposure, observation, inspection, testing and reconstruction.

- 21.07 If the Work is Defective, or Contractor fails to supply sufficient skilled workmen or suitable materials or equipment, or if the Contractor fails to make prompt payments to Subcontractors or for labor, materials or equipment, Owner may order Contractor to stop the Work, or any portion thereof, until the cause of such order has been eliminated; however, this right of Owner to stop the Work shall not give rise to any duty on the part of Owner to exercise this right for the benefit of Contractor or any other party.
- 21.08 Prior to approval of final payment, Contractor shall promptly, without cost to Owner and as specified by Owner, either correct any Defective Work, whether or not fabricated, installed or completed, or if the Work has been rejected by Owner, remove it from the site and replace it with non-defective Work. If Contractor does not correct such Defective Work or remove and replace such rejected Work within a reasonable time, all as specified in a written notice from Owner, Owner may have the deficiency corrected or the rejected Work removed and replaced. All direct or indirect costs of such correction or removal and replacement including compensation for additional professional services shall be paid by Contractor, and an appropriate deductive Change Order shall be issued. Contractor shall also bear the expense of making good all Work of others destroyed or damaged by its correction, removal or replacement of its Defective Work.
- 21.09 If, after the approval of final payment and prior to the expiration of one year after the date of Substantial Completion or such longer period of time as may be prescribed by law or by the terms of any applicable special guarantee required by the Contract Documents, any Work is found to be Defective, Contractor shall promptly, without cost to Owner and in accordance with Owner's written instructions, either correct such Defective Work or if it has been rejected by Owner, remove it from the site and replace it with non-defective Work. If Contractor does not promptly comply with the terms of such instructions, Owner may have the Defective Work corrected or the rejected Work removed and replaced, and all direct and indirect costs of such removal and replacement, including compensation for additional professional services, shall be paid by Contractor. The Contractor agrees to pay a reasonable attorney fee and other reasonable attendant costs of the Owner in the event it becomes necessary for the Owner to employ an attorney to enforce this section or to protect itself against suit over the Contractor's responsibilities. Attorney fees shall be at the prevailing hourly rate of the private sector. The attorney fee hourly rate shall not be less than \$175.00 per hour. All attorney fees collected shall be paid to the operating budget of the Office of the Parish President.
- 21.10 If, instead of requiring correction or removal and replacement of Defective Work, Owner (and prior to approval of final payment) prefers to accept it, the Owner may do so. In such case, if acceptance occurs prior to approval of final payment, a Change Order shall be issued incorporating the necessary revisions in the Contract Documents, including appropriate reduction in the Contract Price, or, if the acceptance occurs after approval of final payment, an appropriate amount shall be paid by Contractor to Owner.
- 21.11 If Contractor should fail to progress the Work in accordance with the Contract Documents, including any requirements of the Progress Schedule, Owner, after seven (7) days written Notice to Contractor, may, without prejudice to any other remedy Owner may have, make good such deficiencies and the cost thereof including compensation for additional professional services shall be charged against Contractor. In such cases, a Change Order shall be issued incorporating the necessary revisions in the Contract Documents including an appropriate reduction in the Contract Price. If the payments then or thereafter due Contractor are not sufficient to cover such amount, Contractor shall pay the difference to Owner.
- 21.12 The Owner may appoint representatives to make periodic visits to the site and observe the progress and quality of the executed Work. These representatives shall be governed by the same restrictions placed on the Owner by these Specifications. The governing body of the Federal, State or local government exercising authority in the area of the Work may appoint representatives to observe the progress and quality of the Work. Contractor shall cooperate with and assist these representatives in the performance of their duties.
- 21.13 The Contractor shall be responsible for the faithful execution of its Contract and the presence or absence of the Owner's or Government's Representative is in no way or manner to be presumed or assumed to relieve in any degree the responsibility or obligation of the Contractor.

- 21.14 The Contractor shall notify the Owner and the Governmental Agency having jurisdiction as to the exact time at which it is proposed to begin Work so the Owner may provide for inspection of all materials, foundations, excavations, equipment, etc., and all or any part of the Work and to the preparation or manufacture of materials to be used whether within the limits of the Work or at any other place.
- 21.15 The Owner or its representatives shall have free access to all parts of the Work and to all places where any part of the materials to be used are procured, manufactured or prepared. The Contractor shall furnish the Owner all information relating to the Work and the material therefor, which may be deemed necessary or pertinent, and with such samples of materials as may be required. The Contractor, at its own expense, shall supply such labor and assistance as may be necessary in the handling of materials for proper inspection or for inspection of any Work done by it.
- 21.16 No verbal instructions given to the Contractor by the Owner, Project Representative or any of their agents shall change or modify the written Contract. Contractors shall make no claims for additional payments or time based upon verbal instructions.

22.00 SUBSURFACE CONDITIONS

- 22.01 It is understood and agreed that the Contractor is familiar with the subsurface conditions that will be encountered and its price bid for the Work includes all of the costs involved for Work in these conditions and it is furthermore agreed that it has taken into consideration, prior to its Bid and acceptance by Owner, all of the subsurface conditions normal or unusual that might be encountered in the location of the Work.
- 22.02 Should the Contractor encounter during the progress of the Work subsurface conditions at the site materially differing from those shown on the Drawings or indicated in the Specifications, the attention of the Owner shall be directed to such conditions before the conditions are disturbed. If the Owner finds that the conditions materially differ from those shown on the Drawings or indicated in the Specifications, it shall at once make such changes in the Drawings or Specifications as it may find necessary, and any increase or decrease in cost or extension of time resulting from such changes shall be adjusted in the same manner as provided for changes for Extra Work. The Contractor shall submit breakdowns of all costs in a manner as instructed and approved by the Owner.

23.00 REMOVAL AND DISPOSAL OF STRUCTURES AND OBSTRUCTIONS

- 23.01 Bidder shall thoroughly examine the site of the Work and shall include in its Bid the cost of removing all structures and obstructions in the way of the Work.
- 23.02 The Contractor shall remove any existing structures or part of structures, fence, building or other encumbrances or obstructions that interfere in any way with the Work. Compensations for the removal of any structure shall be made only if the item(s) to be removed was/were listed as pay item(s) on the Proposal.
- 23.03 If called for in the Special Conditions, all privately and publicly owned materials and structures removed shall be salvaged without damage and shall be piled neatly and in an acceptable manner upon the premises if it belongs to an abutting property owner, otherwise at accessible points along the improvements. Materials in structures which is the property of the Owner or property of any public body, private body or individual which is fit for use elsewhere, shall remain property of the original Owner. It shall be carefully removed without damage, in sections which may be readily transported; same shall be stored on or beyond the right of way. The Contractor will be held responsible for the care and preservation for a period of ten (10) days following the day the last or final portion of the materials stored at a particular location are placed thereon. When privately owned materials are stored beyond the right of way, the Contractor will be held responsible for such care and preservation for a period of ten (10) days responsibility period for care and preservation of the materials begins. The Contractor must furnish the Owner with evidence satisfactory that the proper owner of the materials has been duly notified by the Contractor that the said owner must assume responsibility for its materials on the date following the Contractor's ten (10) day responsibility.

24.00 INSURANCE

- 24.01 Contractor shall secure and maintain at its expense such insurance that will protect it and the Parish from claims for injuries to persons or damages to property which may arise from or in connection with the performance of Services or Work hereunder by the Contractor, his agents, representatives, employees, and/or subcontractors. The cost of such insurance shall be included in Contractor's bid.
- 24.02 The Contractor shall not commence work until it has obtained all insurance as required for the Parish Project. If the Contractor fails to furnish the Parish with the insurance protection required and begins work without first furnishing Parish with a currently dated certificate of insurance, the Parish has the right to obtain the insurance protection required and deduct the cost of insurance from the first payment due the Contractor. Further deductions are permitted from future payments as are needed to protect the interests of the Parish including, but not limited to, renewals of all policies.
- 24.03 Payment of Premiums: The insurance companies issuing the policy or policies shall have no recourse against the Parish of St. Tammany for payment of any premiums or for assessments under any form of policy.
- 24.04 Deductibles: Any and all deductibles in the described insurance policies shall be assumed by and be at the sole risk of the Contractor.
- 24.05 Authorization of Insurance Company(ies) and Rating: All insurance companies must be authorized to do business in the State of Louisiana and shall have an A.M. Best rating of no less than A-, Category VII.
- 24.06 Policy coverages and limits must be evidenced by Certificates of Insurance issued by Contractor's carrier to the Parish and shall reflect:

Date of Issue: Certificate must have current date.

Named Insured: The legal name of Contractor under contract with the Parish and its principal place of business shall be shown as the named insured on all Certificates of Liability Insurance.

Name of Certificate Holder: St. Tammany Parish Government, Office of Risk Management, P. O. Box 628, Covington, LA 70434

Project Description: A brief project description, including Project Name, Project Number and/or Contract Number, and Location.

Endorsements and Certificate Reference: All policies must be endorsed to provide, and certificates of insurance must evidence the following:

Waiver of Subrogation: The Contractor's insurers will have no right of recovery or subrogation against the Parish of St. Tammany, it being the intention of the parties that all insurance policy(ies) so affected shall protect both parties and be the primary coverage for any and all losses covered by the below described insurance. *Policy endorsements required for all coverages.*

Additional Insured: The Parish of St. Tammany shall be named as additional named insured with respect to general liability, marine liability, pollution/environmental liability, automobile liability and excess liability coverages. *Policy endorsements required.*

Hold Harmless: Contractor's liability insurers shall evidence their cognizance of the Hold Harmless and Indemnification in favor of St. Tammany Parish Government by referencing same on the face of the Certificate(s) of Insurance.

Cancellation Notice: Producer shall provide thirty (30) days prior written notice to the Parish of policy cancellation or substantive policy change.

24.07 The types of insurance coverage the Contractor is required to obtain and maintain throughout the duration of the Contract, include, but is not limited to:

1. Commercial General Liability insurance with a Combined Single Limit for bodily injury and property damage of at least \$1,000,000 per Occurrence/\$3,000,000 General Aggregate/Products-Completed Operations Per Project. The insurance shall provide for and the certificate(s) of insurance shall indicate the following coverages:
 - a) Premises - operations;
 - b) Broad form contractual liability;
 - c) Products and completed operations;
 - d) Personal Injury;
 - e) Broad form property damage;
 - f) Explosion and collapse.
2. Marine Liability/Protection and Indemnity insurance is required for any and all vessel and/or marine operations in the minimum limits of \$1,000,000 per occurrence/\$2,000,000 per project general aggregate. The coverage shall include, but is not limited to, the basic coverages found in the Commercial General Liability insurance and coverage for third party liability.
3. Contractors' Pollution Liability and Environmental Liability insurance in the minimum amount of \$1,000,000 per occurrence, \$2,000,000 general aggregate and include coverage for full contractual liability and for all such environmental and/or hazardous waste exposures affected by this project.
4. Business Automobile Liability insurance with a Combined Single Limit of \$1,000,000 per Occurrence for bodily injury and property damage, and shall include coverage for the following:
 - a) Any automobiles;
 - b) Owned automobiles;
 - c) Hired automobiles;
 - d) Non-owned automobiles;
 - e) Uninsured motorist.
5. Workers' Compensation/Employers Liability insurance: worker's compensation insurance coverage and limits as statutorily required; Employers' Liability Coverage shall be not less than \$1,000,000 each accident, \$1,000,000 each disease, \$1,000,000 disease policy aggregate, except when projects include exposures covered under the United States Longshoremen and Harbor Workers Act, Maritime and/or Jones Act and/or Maritime Employers Liability (MEL) limits shall be not less than \$1,000,000/\$1,000,000/\$1,000,000. *Coverage for owners, officers and/or partners shall be included in the policy and a statement of such shall be made by the insuring producer on the face of the certificate.*
6. Owners Protective Liability (OPL) (formerly Owners and Contractors Protective Liability (OCP) Insurance) shall be furnished by the Contractor naming St. Tammany Parish Government as the Named Insured and shall provide coverage in the minimum amount of \$1,000,000 combined single limit (CSL) each occurrence, \$2,000,000 aggregate. Any project valued in excess of \$3,000,000 shall be set by the Office of Risk Management. The policy and all endorsements shall be addressed to St. Tammany Parish Government, Office of Risk Management, P. O. Box 628, Covington, LA 70434.
7. Builder's Risk Insurance shall be required on buildings, sewage treatment plants and drainage pumping stations, and shall be written on an "all-risk" or equivalent policy form in the amount of the full value of the initial Contract sum, plus value of subsequent Contract modifications and cost of materials supplied or installed by others, comprising 100% total value for the entire project including foundations. Deductibles should not exceed \$5,000 and Contractor shall be responsible for any and all policy deductibles. This insurance shall cover portions of the work stored off the site, and also portions of the work in transit. In addition, Installation Floater

Insurance, on an “all-risk” form, will be carried on all pumps, motors, machinery and equipment on the site or installed. Both the Builder’s Risk Insurance and the Installation Floater Insurance shall include the interests of the Owner, Contractor, Subcontractors, and Sub-subcontractors and shall terminate only when the Project has been accepted. St. Tammany Parish Government, P. O. Box 628, Covington, LA 70434 shall be the first named insured on the Builder’s Risk and Installation Floater Insurance.

8. Professional Liability (errors and omissions) insurance in the sum of at least One Million Dollars (\$1,000,000) per claim with Two Million Dollars (\$2,000,000) annual aggregate.
 9. An umbrella policy or excess policy may be required and/or allowed to meet minimum coverage limits, subject to the review and approval by St. Tammany Parish Government, Office of Risk Management.
- 24.08 All policies of insurance shall meet the requirements of the Parish of St. Tammany prior to the commencing of any work. The Parish of St. Tammany has the right, but not the duty, to approve all insurance policies prior to commencing of any work. If at any time, it becomes known that any of the said policies shall be or becomes unsatisfactory to the Parish of St. Tammany as to form or substance; or if a company issuing any such policy shall be or become unsatisfactory to the Parish of St. Tammany, the Contractor shall promptly obtain a new policy, timely submit same to the Parish of St. Tammany for approval and submit a certificate thereof as provided above. The Parish agrees to not unreasonably withhold approval of any insurance carrier selected by Contractor. In the event that Parish cannot agree or otherwise authorize said carrier, Contractor shall have the option of selecting and submitting new insurance carrier within 30 days of said notice by the Parish. In the event that the second submission is insufficient or is not approved, then the Parish shall have the unilateral opportunity to thereafter select a responsive and responsible insurance carrier all at the cost of Contractor and thereafter deduct from Contractor's fee the cost of such insurance.
- 24.09 Upon failure of Contractor to furnish, deliver and/or maintain such insurance as above provided, the contract, at the election of the Parish of St. Tammany, may be forthwith declared suspended, discontinued or terminated. Failure of the Contractor to maintain insurance shall not relieve the Contractor from any liability under the contract, nor shall the insurance requirements be construed to conflict with the obligation of the Contractor concerning indemnification.
- 24.10 Contractor shall maintain a current copy of all annual insurance policies and provide same to the Parish of St. Tammany as may be reasonably requested.
- 24.11 It shall be the responsibility of Contractor to require that these insurance requirements are met by all contractors and sub-contractors performing work for and on behalf of Contractor. Contractor shall further ensure the Parish is named as additional insured on all insurance policies provided by said contractor and/or sub-contractor throughout the duration of the project, and that renewal certificates for any policies expiring prior to the Parish’s final acceptance of the project shall be furnished to St. Tammany Parish Government, Department of Legal, Office of Risk Management, without prompting.

NOTICE:

These are only an indication of the coverages that are generally required. Additional coverages and/or limits may be required for projects identified as having additional risks or exposures. Please note that some requirements listed may not necessarily apply to your specific services. St. Tammany Parish Government reserves the right to remove, replace, make additions to and/or modify any and all of the insurance requirement language upon review of the final scope of services presented to Office of Risk Management prior to execution of a contract for services.

For inquiries regarding insurance requirements, please contact:

**St. Tammany Parish Government
Office of Risk Management
P. O. Box 628
Covington, LA 70434
Telephone: 985-898-5226
Email: riskman@stpgov.org**

24.12 Nothing contained in these insurance requirements is to be construed as limiting the extent of the Contractor's Responsibility for payment of damages resulting from its operations under this Contract.

25.00 OWNER'S RIGHT TO OCCUPANCY

25.01 The Owner shall have the right to use, at any time, any and all portions of the Work that have reached such a stage of completion as to permit such occupancy, provided such occupancy does not hamper the Contractor or prevent its efficient completion of the Contract or be construed as constituting an acceptance of any part of the Work.

25.02 The Owner shall have the right to start the construction of houses, structures or any other building concurrent with the Contractor's Work.

26.00 SURVEY HORIZONTAL AND VERTICAL CONTROL

26.01 The Owner shall provide surveys for construction to establish reference points which in its judgment are necessary to enable Contractor to layout and proceed with its Work. Contractor shall be responsible for surveying and laying out the Work and shall protect and preserve the established reference points and shall make no changes or relocations without the prior written approval of the Owner. Contractor shall report to Owner whenever any reference point is lost or destroyed and the Owner shall decide if the reference point shall be replaced by its or the Contractor's forces.

26.02 The Contractor shall establish lines and grades with its own forces in sufficient number and location for the proper execution of the Work.

26.03 If the Contractor, during the construction, damages the established property corners and/or other markers and thereafter requests the Owner to re-stake same in order to complete the project, this expense will be borne solely by the Contractor.

27.00 TERMINATION OF THE CONTRACT, OWNER'S AND CONTRACTORS RIGHT TO STOP WORK.

27.01 If the Contractor should be adjudged bankrupt (voluntarily or involuntarily) or if it should make a general assignment for the benefit of its creditors, or if a receiver should be appointed on account of its insolvency, or if it should persistently or repeatedly refuse or should fail (except in cases for which extension of time is provided) to supply enough properly skilled workmen or proper materials, or if it should fail to make prompt payment to Subcontractors or for material or labor, or persistently disregard laws, ordinances or the instructions of the Owner, or otherwise be guilty of a substantial violation of any provision of the Contract, then the Owner, upon the certificate of the Owner that, in its unilateral

discretion and judgment, believes sufficient cause exists to justify such action, may, without prejudice to any other right or remedy and after giving the Contractor ten (10) calendar days written notice, terminate the employment of the Contractor and take possession of the premises and of all materials, tools and appliances thereon and finish the Work by whatever method the Owner may deem expedient.

- 27.02 Failure of the Contractor to start the Work within the time limit specified herein or substantial evidence that the progress being made by the Contractor is sufficient to complete the Work within the specified time shall be grounds for termination of the Contract by the Owner.
- 27.03 Before the Contract is terminated, the Contractor and its surety will first be notified in writing by the Owner of the conditions which make termination of the Contract imminent. When after ten (10) calendar days' notice is given and if satisfactory effort has not been made by the Contractor or its surety to correct the conditions, the Owner may declare, in its exclusive discretion, that the Contract is terminated and so notify the Contractor and its surety accordingly.
- 27.04 Upon receipt of notice from the Owner that the Contract has been terminated, the Contractor shall immediately discontinue all operations. The Owner may then proceed with the Work in any lawful manner that it may elect until Work is finally completed.
- 27.05 The exclusive right is reserved to the Owner to take possession of any machinery, implements, tools or materials of any description that shall be found upon the Work, to account for said equipment and materials, and to use same to complete the Project. When the Work is finally completed, the total cost of same will be computed. If the total cost is less than the Contract Price, the difference will not be paid to the Contractor or its surety.
- 27.06 In case of termination, all expenses incident to ascertaining and collecting losses under the Bond, including legal services, shall be assessed against the Bond.
- 27.07 If the Work should be stopped under any order of any court or public authority for period of sixty (60) calendar days, through no act or fault of the Contractor or anyone employed by it, or if the Owner shall fail to pay the Contractor within a reasonable time any sum certified by the Owner, then the Contractor may, upon ten (10) calendar days written notice to the Owner, stop Work or terminate this Contract and recover from the Owner payment for all Work properly and professionally executed in a workmanlike manner. This loss specifically includes actual cost of materials and equipment, together with all wages inclusive of all federal, state, and local tax obligations. This loss specifically includes reimbursement of all insurances on a pro-rata basis from the date of termination to date of policy period. This loss excludes and specifically does not include recovery by the Contractor for lost profit, indirect & direct expenses, overhead, and the like.

28.00 PAYMENTS TO THE CONTRACTOR

- 28.01 Monthly certificates for partial payment, in a form approved by the Owner, shall be transmitted to the Owner upon receipt from the Contractor and acceptance by the Owner. In accordance with LSA-R.S. 38:2248(A), when the Contract Price is less than five hundred thousand dollars, these certificates shall be equal to ninety percent (90%) of both the Work performed and materials stored at the site; and when the Contract Price is five hundred thousand dollars or more, these certificates shall be equal to ninety-five percent (95%) of both the Work performed and materials stored at the site. Partial payment certificates shall include only Work, materials and equipment that are included in official Work Order and which meet the requirements of plans, Specifications and Contract Documents. These monthly estimates shall show the amount of the original estimate for each item, the amount due on each item, the gross total, the retained percentage, the amount previously paid and the net amount of payment due.
- 28.02 After final completion and acceptance by the Owner of the entire Work, and when the Contract Price is less than five hundred thousand dollars, the Owner shall issue to the Contractor Certificate of Payment in sum sufficient to increase total payments to ninety percent (90%) of the Contract Price. After final completion and acceptance by the Owner of the entire Work, and when the Contract Price is five hundred thousand dollars or more,

the Owner shall issue to the Contractor Certificate of Payment in sum sufficient to increase total payments to ninety-five percent (95%) of the Contract Price.

- 28.03 When the Contract Price is less than five hundred thousand dollars, the final payment certificate of the remaining ten percent (10%) of the Contract Price, minus any deduction for deficient or Defective Work or other applicable deductions, will be issued by the Owner forty-five (45) days after filing acceptance in the Mortgage Office of the Parish and a Clear Liens and Privilege Certificate has been secured. When the Contract Price is five hundred thousand dollars or more, the final payment certificate of the remaining five percent (5%) of the Contract Price, minus any deduction for deficient or Defective Work or other applicable deductions, will be issued by the Owner forty-five (45) days after filing acceptance in the Mortgage Office of the Parish and a Clear Liens and Privilege Certificate has been secured. Before issuance of the final payment certificate, the Contractor shall deposit with the Owner a certificate from the Clerk of Court and Ex-Officio Recorder of Mortgages from the Parish in which the Work is performed to the effect that no liens have been registered against Contract Work.
- 28.04 When, in the opinion of the Contractor, the Work provided for and contemplated by the Contract Documents has been substantially completed, the Contractor shall notify the Owner in writing that the Work is substantially complete and request a final inspection. The Owner shall proceed to perform such final inspection accompanied by the Contractor. Any and all Work found by this inspection to be Defective or otherwise not in accordance with the plans and Specifications shall be corrected to the entire satisfaction of the Owner and at the sole expense of the Contractor. If the Contract is found to be incomplete in any of its details, the Contractor shall at once remedy such defects, and payments shall be withheld and formal acceptance delayed until such Work has been satisfactorily completed.
- 28.05 If payment is requested on the basis of materials and equipment not incorporated in the Work, but delivered and suitably stored and protected from damage and theft at the site, the Request for Payment shall also be accompanied by such data, satisfactory to the Owner, as will establish Owner's title to the material and equipment and protect its interest therein, including applicable insurance.
- 28.06 Each subsequent Request for Payment shall include an affidavit of Contractor stating that all previous progress payments received on account of the Work have been applied to discharge in full all of Contractor's obligations reflected in prior Request for Payment.
- 28.07 Each subsequent request for payment shall include an affidavit by Contractor that Contractor, all subcontractors, agents, material suppliers and all other persons supplying material to the project upon which State of Louisiana and/or St. Tammany sales taxes are lawfully due have paid these taxes and that all supplies and materials purchased for this project and for which Contractor has been paid have had all lawfully due State and/or St. Tammany sales taxes paid.
- 28.08 The Bid Proposal, unless otherwise modified in writing, and the Contract constitute the complete Project. The Contract Prices constitute the total compensation payable to Contractor and the cost of all of the Work and materials, taxes, permits and incidentals must be included into the Bid submitted by the Contractor and included into those items listed on the Proposal.
- 28.09 Any additional supporting data required by the Owner in order to substantiate Contractor's request for payment shall be furnished by Contractor at no cost to the Owner.
- 28.10 Owner may withhold from payment to Contractor as may be necessary to protect itself from loss on account of:
- (1) Defective and/or inferior work;
 - (2) Damage to the property of Owner or others caused by Contractor;
 - (3) Failure by Contractor to make payments properly to sub-contractors or to pay for labor, materials or equipment used on this project;
 - (4) Failure by Contractor to pay taxes due on materials used on this project;
 - (5) Damage by Contractor to another Contractor;
 - (6) Insolvency;
 - (7) Bankruptcy, voluntary or involuntary;
 - (8) Revocation of corporate status;

- (9) Failure to follow corporate formalities;
- (10) Unprofessional activities;
- (11) Unworkmanlike performance;
- (12) Fraud and/or misrepresentation of any kind.

29.00 ACCEPTANCE AND FINAL PAYMENT(S)

- 29.01 Upon receipt of written notice from Contractor that the work is substantially complete and usable by Owner or the Public in suitable manner, the Owner and the Contractor shall jointly inspect the work.
- 29.02 If the Owner by inspection determines that the work is not substantially complete in a suitable manner for use by the Owner or the Public, then the Owner shall so notify the Contractor in writing stating such reason. All reasons need not be disclosed unless actually known. The Owner is afforded an opportunity to amend said notices as are reasonably possible.
- 29.03 If the Owner by its inspection determines that the work is substantially complete, it shall prepare a list of all items not satisfactorily completed and shall notify the Contractor and Owner in writing that the work is substantially complete and subject to satisfactory resolution of those items on the list (punch list). Punch lists may be amended from time to time by Owner in the event that additional deficiencies are discovered. In accordance with LSA-R.S. 38:2248(B), any punch list generated during a construction project shall include the cost estimates for the particular items of work the design professional has developed based on the mobilization, labor, material, and equipment costs of correcting each punch list item. The design professional shall retain his working papers used to determine the punch list items cost estimates should the matter be disputed later. The contract agency shall not withhold from payment more than the value of the punch list. Punch list items completed shall be paid upon the expiration of the forty-five (45) day lien period. The provisions of this Section shall not be subject to waiver.
- 29.04 Upon determination of substantial completeness with the punch list, the Contract Time is interrupted and the Contractor is given a reasonable time not to exceed thirty (30) consecutive calendar days to effect final completion by correcting or completing all of those items listed on the punch list. If the items on the punch list are not completed in a satisfactory manner within the thirty day period, then the Contract Time will begin to run again and will include for purposes of determining liquidated damages the thirty day period the grace period being withdrawn.
- 29.05 Upon receipt by Owner of written determination that all work embraced by the contract has been completed in a satisfactory manner, the Owner shall provide a written acceptance to Contractor who shall record Owner's written acceptance with the recorder of Mortgages, St. Tammany Parish. The Contractor shall properly prepare, submit and pay for all costs associated with said Acceptance. The Contractor is also responsible for preparation, re-submission and payment of any and all updated certificates.
- 29.06 Retainage monies, minus those funds deducted in accordance to the requirements of this agreement including but not limited to Paragraph 28.10, shall be due Contractor not earlier than forty-six (46) calendar days after recordation of certificate of Owner's acceptance provided the following:
- (1) Contractor shall prepare, secure, pay for and submit clear lien and privilege certificate, signed and sealed by Clerk of Court or Recorder of Mortgages, Parish of St. Tammany and dated at least forty-six (46) days after recordation of certificate of acceptance;
 - (2) Ensure that the official representative of the Owner has accepted as per LSA-R.S. 38:2241.1, *et seq.* and that all following sub-sections have been properly satisfied as per law;
 - (3) Ensure that all signatures are affixed and that there exists the requisite authority for all signatures;
 - (4) Ensure accurate and proper legal descriptions;

- (5) Properly identify all parties and/or signatories;
- (6) Properly identify all mailing addresses;
- (7) Correctly set for the amount of the contract, together with all change orders;
- (8) Set out a brief description of the work performed;
- (9) Reference to any previously recorded contract, lien or judgment inscription that may affect the property;
- (10) Certification that substantial completion has occurred, together with any applicable date(s);
- (11) Certification that no party is in default and/or that the project has been abandoned.

29.07 After securing the clear lien and privilege certificate the Contractor shall prepare its final application for payment and submit to Owner. The Owner shall approve application for payment, or state its objections in writing and forward to Contractor for resolution.

30.00 NOTICE AND SERVICE THEREOF

30.01 Any Notice to Contractor from the Owner relative to any part of this Contract shall be in writing and shall be considered delivered and the service thereof completed when said notice is posted; by certified mail, return receipt requested to the said Contractor at its last given address, or delivered in person to said Contractor or its authorized representative on the Work.

31.00 INTENTION OF THESE GENERAL CONDITIONS

31.01 These General Conditions shall be applicable to all contracts entered into by and between the Owner and Contractors, except as may be altered or amended with the consent of the Owner, and/or provided for in the Special Conditions of each contract. Contractor shall be presumed to have full knowledge of these General Conditions which shall be applicable to all contracts containing these General Conditions, whether Contractor has obtained a copy thereof or not.

32.00 SEVERABILITY

32.01 If any one or more or part of any of the provisions contained herein and/or in the Specifications and Contract for the Work shall for any reason be held invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provisions of this Agreement or attachment, but it shall be construed as if such invalid, illegal, or unenforceable provision or part of a provision had never been contained herein.

32.02 **CHANGING THESE CONDITIONS:** Owner reserves the right to change or modify these General Conditions as it deems best, or as required by law. The General Conditions may also be modified for a particular project by the use of Special Conditions prior to the issuance of the Advertisement for Bid. However, once an advertisement for bid is made for any specific project, any changes to the General Conditions as they affect that specific project must be made in writing and issued via an addendum in accordance with State Law.

33.00 LAW OF THE STATE OF LOUISIANA

33.01 The Contract Documents shall be governed by the Law of the State of Louisiana.

33.02 The Contractor agrees to pay reasonable attorney's fees and other reasonable attendant costs, in the event that it becomes necessary for the Owner to employ an attorney in order to enforce compliance with or any remedy relating to any covenants, obligations, or

conditions imposed upon the Contractor by this Agreement. Attorney fees shall be based upon the prevailing hourly rate of attorney rates in the private sector. In no case shall the hourly rate be less than \$175.00 per hour. All attorney fees collected shall be paid the operating budget of the Office of the Parish President.

- 33.03 The jurisdiction and venue provisions shall apply to all contractors, sureties, and subcontractors. The 22nd Judicial District for the Parish of St. Tammany shall be the court of exclusive jurisdiction and venue for any dispute arising from these General Conditions and/or any contract executed in conjunction with these General Conditions. All parties specifically waive any rights they have or may have for removal of any disputes to Federal Court, or transfers to different State District Court.
- 33.04 Contractor warrants that it has and/or had received a copy of these General Conditions at all times material hereto; Contractor further agrees that it has read and fully and completely understands each and every condition herein.
- 33.05 The property description will be more fully set out by an attached exhibit.
- 33.06 The Contractor warrants that it has the requisite authority to sign and enter this agreement.
- 33.07 It is specifically understood and agreed that in the event Contractor seeks contribution from the Parish or pursues its legal remedies for any alleged breach of this agreement by the Parish, then the following list of damages SHALL NOT BE RECOVERABLE BY CONTRACTOR. This list includes, but is not limited to:

1. indirect costs and/or expenses;
2. direct costs and/or expenses;
3. time-related costs and/or expenses;
4. award of extra days;
5. costs of salaries or other compensation of Contractor's personnel at Contractor's principal office and branch offices;
6. expenses of Contractor's principal, branch and/or field offices;
7. any part of Contractor's capital expenses, including any interest on Contractor's capital employed for the work;
8. any other charges related to change orders;
9. overhead and general expenses of any kind or the cost of any item not specifically and expressly included in Cost of Work.

33.08 DEFAULT AND WAIVERS

It is understood that time is of the essence. It is specifically understood between the parties that Contractor waives any and all notice to be placed in default by the Owner. This subsection shall supersede and prime any other subsection herein above that is in conflict. The Owner specifically reserves its right and specifically does not waive the requirement to be placed in default by the Contractor as per law.

- 33.09 St. Tammany Parish Government contracts to be awarded are dependent on the available funding and/or approval by members designated and/or acknowledged by St. Tammany Parish Government. At any time St. Tammany Parish Government reserves the right to cancel the award of a contract if either or both of these factors is deficient.
- 33.10 It is the Parish's policy to provide a method to protest exclusion from a competition or from the award of a contract, or to challenge an alleged solicitation irregularity. It is always better to seek a resolution within the Parish system before resorting to outside agencies and/or litigation to resolve differences. All protests must be made in writing, and shall be concise and logically presented to facilitate review by the Parish. The written protest shall include:
1. The protester's name, address, and fax and telephone numbers and the solicitation, bid, or contract number;
 2. A detailed statement of its legal and factual grounds, including a description of the resulting prejudice to the protester;
 3. Copies of relevant documents;

4. All information establishing that the protester is an interested party and that the protest is timely; and
5. A request for a ruling by the agency; and a statement of the form of relief requested.

The protest shall be addressed to Director of Procurement, St. Tammany Parish Government, P.O. Box 628, Covington, LA 70434.

The protest review shall be conducted by the Parish Procurement Department.

Only protests from interested parties will be allowed. Protests based on alleged solicitation improprieties that are apparent before bid opening, or the time set for receipt of initial proposals must be filed with and received by the Procurement Department BEFORE those deadlines.

Any other protest shall be filed no later than ten (10) calendar days after the basis of the protest is known, or should have been known (whichever is earlier).

The Parish will use its best efforts to resolve the protest within thirty (30) days of the date that it is received by the Parish. The written response will be sent to the protestor via mail and, fax, if a fax number has been provided by the protestor. The protester can request additional methods of notification.

Last day to submit questions and/or verification on comparable products will be no later than 2:00 pm CST, seven (7) working days prior to the opening date of the bid/proposal due date. Further any questions or inquires must be submitted via fax to 985-898-5227, or via email to Procurement@stpgov.org. Any questions or inquires received after the required deadline to submit questions or inquires will not be answered.

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF INCORPORATED.

AT THE MEETING OF DIRECTORS OF _____ INCORPORATED, DULY NOTICED AND HELD ON _____, A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT WAS:

RESOLVED THAT _____, BE AND IS HEREBY APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS AND TRANSACTIONS WITH THE PARISH OF ST. TAMMANY OR ANY OF ITS AGENCIES, DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE EXECUTION OF ALL BIDS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES, CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH BID OR CONTRACT, THIS CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-FACT.

I HEREBY CERTIFY THE FOREGOING TO BE A TRUE AND CORRECT COPY OF AN EXCERPT OF THE MINUTES OF THE ABOVE DATED MEETING OF THE BOARD OF DIRECTORS OF SAID CORPORATION, AND THE SAME HAS NOT BEEN REVOKED OR RESCINDED.

SECRETARY-TREASURER

DATE

Certificate of Insurance Instructions

The below information is intended to guide Contractors on what information is needed to be listed on the Certificate of Insurance. All Insurance limit requirements can be found in Attachment D.

- **Certificate Holder** – STPG must be listed as the certificate holder, and it must include our address of: P.O. Box 628, Covington, LA 70434
 - Reason: the certificate holder is where cancellations of coverage, or updated certificates are mailed. If a vendor terminates a policy, we will be notified.
- **Additional Insured** – We must be named as an additional insured so that if there is a lawsuit against the vendor for a project, their coverage will cover STPG as well if we are named in the lawsuit.
 - We must be named in the Description of Operations box – reason: there could be other additional insureds, and we want to have no doubt that we are one of the additional insureds.
 - We must be named as additional insured on the following coverages: General liability, Auto Liability, Umbrella/Excess Liability, Environmental/Pollution Liability.
 - Professional Liability policies do not allow for an additional insured by most carriers.
- **Project Name & Contract #** - We need this listed in the Description of Operations, again so that if there is a lawsuit, we have proof that coverage was active for that project.
- **Waiver of Subrogation** – This can either be listed in the Description of Operations or checked off in the appropriate columns.

From the Insurance Requirement form:

Waiver of Subrogation: The Provider's insurers will have no right of recovery or subrogation against the Parish of St. Tammany, it being the intention of the parties that all insurance policy(ies) so affected shall protect both parties and be the primary coverage for any and all losses covered by the below described insurance.

- **Owners Protective Liability (OPL) or (OCP)** – Certificate of Insurance for OCP names St. Tammany Parish Government as the Insured and the Certificate Holder.
- Sample of Certificate of Insurance (COI) can be found on page 2.
- Please refer to this section in the package labeled “Insurance Requirements” for limits required for this project

Any questions regarding insurance requirements please contact the Risk Department at 985-898-5226 or email riskman@stpgov.org



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:		
	PHONE (A/C, No. Ext):	FAX (A/C, No):	
	E-MAIL ADDRESS:		
	INSURER(S) AFFORDING COVERAGE		NAIC #
INSURED	INSURER A :		
	INSURER B :		
	INSURER C :		
	INSURER D :		
	INSURER E :		
	INSURER F :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	GENERAL LIABILITY						EACH OCCURRENCE \$
	<input type="checkbox"/> COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence) \$
	<input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR						MED EXP (Any one person) \$
							PERSONAL & ADV INJURY \$
							GENERAL AGGREGATE \$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$
	<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC						\$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident) \$
	<input type="checkbox"/> ANY AUTO						BODILY INJURY (Per person) \$
	<input type="checkbox"/> ALL OWNED AUTOS	<input type="checkbox"/>	<input type="checkbox"/>				BODILY INJURY (Per accident) \$
	<input type="checkbox"/> HIRED AUTOS	<input type="checkbox"/>	<input type="checkbox"/>				PROPERTY DAMAGE (Per accident) \$
		<input type="checkbox"/>	<input type="checkbox"/>				\$
	UMBRELLA LIAB						EACH OCCURRENCE \$
	<input type="checkbox"/> OCCUR						AGGREGATE \$
	EXCESS LIAB						\$
	<input type="checkbox"/> CLAIMS-MADE						
	DED						
	RETENTION \$						
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)						OTHER
	If yes, describe under DESCRIPTION OF OPERATIONS below	<input type="checkbox"/> Y / N	<input type="checkbox"/> N / A				E.L. EACH ACCIDENT \$
							E.L. DISEASE - EA EMPLOYEE \$
							E.L. DISEASE - POLICY LIMIT \$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Project Name:
Contract #:

(Name St. Tammany Parish Government as an additional insured).

CERTIFICATE HOLDER**CANCELLATION**St. Tammany Parish Government
P.O. Box 628
Covington, LA 70434

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Bond No.: _____

**CONTRACT AGREEMENT
BETWEEN PARISH AND CONTRACTOR**

BY: ST. TAMMANY PARISH GOVERNMENT

**UNITED STATES OF
AMERICA**

WITH:

**STATE OF LOUISIANA
ST. TAMMANY PARISH**

This agreement is entered into this _____ day of _____, 20____, by and between: «txtREQCompanyName», hereinafter called the "Contractor", whose business address is «txtREQAddress», «txtREQCity», «txtREQState» «txtREQZip» and the St. Tammany Parish Government, hereinafter called the "Parish", whose business address is P.O. Box 628, Covington, LA 70434 (collectively, the "Parties") for «txtPROJECTNAME» project. Witnessed that the Contractor and the Parish, in consideration of premises and the mutual covenants, consideration and agreement herein contained, agree as follows:

1. SCOPE OF SERVICES

The Contractor shall furnish all labor and materials and perform all of the work required to build, construct and/or complete in a thorough and workmanlike manner:

«txtScopeSummary»

2. CONSTRUCTION DOCUMENTS

It is recognized by the Parties herein that said Construction Documents, including by way of example and not of limitation, the plans and Specifications, General Conditions, Supplementary General Conditions, any addenda thereto, the drawings (if any), and the bid, quote or other procurement documents impose duties and obligations upon the Parties herein, and said Parties thereby agree that they shall be bound by said duties and obligations. For these purposes, all of the provisions contained in the aforementioned Construction Documents are incorporated herein by reference with the same force and effect as though said Construction Documents were herein set out in full. Copies of the aforementioned Construction Documents are in the possession of both the Contractor and the Parish for reference.

3. TIME FOR COMPLETION

The work shall be commenced on a date to be specified in a written order of the Parish and shall be completed within «intCompletionTime» calendar days from and after said date.

4. COMPENSATION TO BE PAID TO THE CONTRACTOR

The Parish will pay and the Contractor will accept in full consideration for the performance of the Contract the sum of «curREQGrandTotal» dollars.

5. PERFORMANCE AND PAYMENT BOND

To these presents personally came and intervened _____,
(Name of Attorney in Fact)
herein acting for _____, a corporation organized
(Surety)
and existing under the laws of the State of _____, and duly authorized to transact business in the State of Louisiana, as surety, who declared that having taken cognizance of this Contract and of the Construction Documents mentioned herein, he hereby in his capacity as its Attorney in Fact obligates his company, as surety for the said Contractor, unto the said Parish, up to the sum of «curREQGrandTotal». The condition of this performance and payment bond

shall be that should the Contractor herein not perform the Contract in accordance with the terms and conditions hereof, or should said Contractor not fully indemnify and save harmless the Parish from all costs and damages which he may suffer by said Contractor's non-performance or should said Contractor not pay all persons who have fulfilled obligations to perform labor and/or furnish materials in the prosecution of the work provided for herein, including by way of example, workmen, laborers, mechanics, and furnishers of materials, machinery, equipment and fixtures, then said surety agrees and is bound to so perform the Contract and make said payment(s).

Contractor and Parish specifically agree to and recognize (1) the statutory employer relationship existing between the Parish and any employees performing work under this Contract as employees of the Contractor or employees of the "Sub-Contractor", and (2) that the work performed by the employees of the Contractor and the employees of the "Sub-Contractor" is part of the Parish's business, occupation or trade and is essential to the ability of the Parish to generate their products or services, all of which is in accordance with LSA-R.S. 23:1061, and as may be amended.

6. LIABILITY AND INDEMNIFICATION

A. Duty to Defend

Upon notice of any claim, demand, suit, or cause of action against the Parish, alleged to arise out of or be related to this Contract, Contractor shall investigate, handle, respond to, provide defense for, and defend at its sole expense, even if the claim, demand, suit, or cause of action is groundless, false, or fraudulent. The Parish may, but is not required to, consult with or assist the Contractor, but this assistance shall not affect the Contractor's obligations, duties, and responsibilities under this section. Contractor shall obtain the Parish's written consent before entering into any settlement or dismissal.

B. Contractor Liability

Contractor shall be liable without limitation to the Parish for any and all injury, death, damage, loss, destruction, damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities of every name and description, which may occur or in any way arise out of any act or omission of Contractor, its owners, agents, employees, partners or subcontractors.

C. Force Majeure

It is understood and agreed that neither party can foresee the exigencies beyond the control of each party which arise by reason of an Act of God or force majeure; therefore, neither party shall be liable for any delay or failure in performance beyond its control resulting from an Act of God or force majeure. The Parish shall determine whether a delay or failure results from an Act of God or force majeure based on its review of all facts and circumstances. The parties shall use reasonable efforts, including but not limited to, use of continuation of operations plans (COOP), business continuity plans, and disaster recovery plans, to eliminate or minimize the effect of such events upon the performance of their respective duties under this Contract.

D. Indemnification

Contractor shall fully indemnify and hold harmless the Parish, without limitation, for any and all injury, death, damage, loss, destruction, damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities of every name and description, which may occur or in any way arise out of any act or omission of Contractor, its

owners, agents, employees, partners or subcontractors. The Contractor shall not indemnify for the portion of any loss or damage arising from the Parish's act or failure to act.

E. Intellectual Property Indemnification

Contractor shall fully indemnify and hold harmless the Parish, without limitation, from and against damages, costs, fines, penalties, judgments, forfeitures, assessments, expenses (including attorney fees), obligations, and other liabilities in any action for infringement of any intellectual property right, including but not limited to, trademark, trade-secret, copyright, and patent rights.

When a dispute or claim arises relative to a real or anticipated infringement, the Contractor, at its sole expense, shall submit information and documentation, including formal patent attorney opinions, as required by the Parish.

If the use of the product, material, service, or any component thereof is enjoined for any reason or if the Contractor believes that it may be enjoined, Contractor, while ensuring appropriate migration and implementation, data integrity, and

minimal delays of performance, shall at its sole expense and in the following order of precedence: (i) obtain for the Parish the right to continue using such product, material, service, or component thereof; (ii) modify the product, material, service, or component thereof so that it becomes a non-infringing product, material, or service of at least equal quality and performance; (iii) replace the product, material, service, or component thereof so that it becomes a non-infringing product, material, or service of at least equal quality and performance; or, (iv) provide the Parish monetary compensation for all payments made under the Contract related to the infringing product, material, service, or component, plus for all costs incurred to procure and implement a non-infringing product, material, or service of at least equal quality and performance. Until this obligation has been satisfied, the Contractor remains in default.

The Contractor shall not be obligated to indemnify that portion of a claim or dispute based upon the Parish's unauthorized: i) modification or alteration of the product, material or service; ii) use of the product, material or service in combination with other products not furnished by Contractor; or, iii) use of the

product, material or service in other than the specified operating conditions and environment.

7. MODIFICATION OF CONTRACT TERMS

Provided that any alterations which may be made in the terms of the Contract or in the work to be done under it, or the giving by the Parish of any extensions of time for the performance of the Contract, or any other forbearance on the part of either the Parish or the Contractor to the other shall not in any way release the Contractor or the Surety from their liability hereunder, notice to the Surety of any such alterations, extensions or other forbearance being hereby waived.

8. TERMINATION, CANCELLATION, AND SUSPENSION

A. Termination

The term of this Contract shall be binding upon the Parties hereto until the work has been completed by the Provider and accepted by the Parish, and all payments required to be made to the Provider have been made. But, this Contract may be terminated upon thirty (30) days written notice under any or all of the following conditions:

- 1) By mutual agreement and consent of the Parties hereto;
- 2) By the Parish as a consequence of the failure of the Provider to comply with the terms, progress, or quality of the work in a satisfactory manner, proper allowances being made for circumstances beyond the control of the Provider;
- 3) By either party upon failure of the other party to fulfill its obligations as set forth in this Contract;
- 4) By the Parish with less than thirty (30) days' notice due to budgetary reductions and changes in funding priorities by the Parish;
- 5) In the event of the abandonment of the project by the Parish.

Upon termination, the Provider shall be paid for actual work performed prior to the Notice of Termination, either based upon the established hourly rate for services actually performed, or on a pro-rata share of the basic fee based upon the phase or percentage of work actually completed, depending on the type of compensation previously established under this Contract.

Upon Termination, the Provider shall deliver to the Parish all original documents, notes, drawings, tracings, computer files, and other files pertaining to this Contract or the Work performed, except for the Provider's personal and administrative files.

B. Cancellation

The continuation of this Contract is contingent upon the appropriation of funds to fulfill the requirements of the Contract by the Parish. If the Parish fails to appropriate sufficient monies to provide for the continuation of this or any other Contract, or if such appropriation is reduced by the veto of Parish President by any means provided in the appropriations Ordinance to prevent the total appropriation for the year from exceeding revenues for that year, or for any other lawful purpose, and the effect of such reduction is to provide insufficient monies for the continuation of the Contract, the Contract shall terminate on the date of the beginning of the first fiscal year for which funds are not appropriated. It is understood and agreed that paragraph (9)(C) below may preempt this paragraph, all at the exclusive and unilateral option of the Parish.

C. Suspension

Should the Parish desire to suspend the work, but not definitely terminate the Contract, the Parish shall supply the Provider with thirty (30) days' notice. The Parish will also

supply Provider thirty (30) days' notice that the work is to be reinstated and resumed in full force. Provider shall receive no additional compensation during the suspension period. The Parties may revisit the terms of this Contract during the suspension period. The suspension shall not exceed six (6) months, unless mutually agreed upon between the Parties.

- D.** Failure to complete or deliver within the time specified or to provide the services as specified in the bid or response will constitute a default and may cause cancellation of the contract. Where the Parish has determined the contractor to be in default. The Parish reserves the right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with the cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid or response from the defaulting contractor will be considered.
- E.** In the event of a default and/or breach of this agreement and this matter is forwarded to legal counsel, then the prevailing party may be entitled to collect a reasonable attorney fees and all costs associated therewith whether or not litigation is initiated. Attorney fees shall be based upon the current, reasonable prevailing rate for counsel in the private

sector. The Parties agree to be responsible for such attorney fees, together for all with legal interest from date of agreement breach, plus all costs of collection.

- F.** Termination or cancellation of this agreement will not affect any rights or duties arising under any term or condition herein.

- G.** As to the filing of voluntary or involuntary bankruptcy by Provider, Provider agrees that if any execution or legal process is levied upon its interest in this Contract, or if any liens or privileges are filed against its interest, or if a petition in bankruptcy is filed against it, or if it is adjudicated bankrupt in involuntary proceedings, or if it should breach this Contract in any material respect, the Parish shall have the right, at its unilateral option, to immediately cancel and terminate this Contract. In the event that Provider is placed in any chapter of bankruptcy, voluntarily or involuntarily, or otherwise triggers any provision of the preceding sentence herein, it is understood and agreed that all materials, goods and/or services provided shall be and remain the property of the Parish. All rights of Provider as to goods, wares, products, services, materials and the like supplied to Parish shall be deemed forfeited.

9. RECORDATION OF CONTRACT

Contractor authorizes Parish to deduct from any payment due herein costs and service fees for recordation of this Contract in full or an excerpt hereof, or any revisions or modifications thereof as required by law.

10. AUTHORITY TO ENTER CONTRACT

The undersigned representative of Contractor warrants and personally guarantees that he/she has the requisite and necessary authority to enter and sign this Contract on behalf of the corporate entity, partnership, etc. The undersigned Parties warrant and represent that they each have the respective authority and permission to enter this Contract. In the event that Contractor is a member of a corporation, partnership, L.L.C., L.L.P., or any other juridical entity, the Parish requires, as an additional provision, that Contractor supply a certified copy of a corporate resolution authorizing the undersigned to enter and sign this Contract. Another option to fulfill this additional provision he/she can supply Louisiana Secretary of State Business filings confirming that he/she is a managing member of a

Bond No.: _____

corporation, partnership, L.L.C., L.L.P., or any other juridical entity which authorizes the undersigned to enter and sign this Contract.

In Witness thereof, the Parties hereto on the day and year first above written have executed this Contract in **One (1)** counterparts, each of which shall, without proof or accountancy for the other counterparts, be deemed an original thereof.

WITNESSES:

CONTRACTOR:

Signature

Signature

Print Name

Print Name

Signature

Title

Print Name

Date

Bond No.: _____

WITNESSES:

**ST. TAMMANY PARISH
GOVERNMENT:**

Signature

Michael B. Cooper
Parish President

Print Name

Date

Signature

Print Name

APPROVED BY:

Assistant District Attorney- Civil (Surety)
Division

Signature

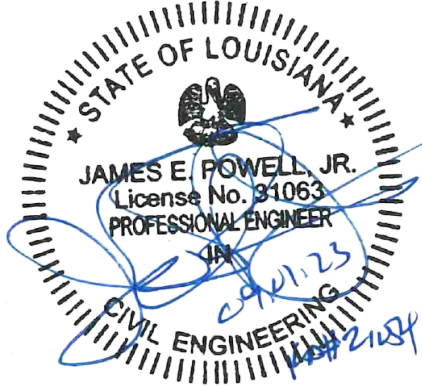
Date

Print Name

Section 12

ENGINEER CERTIFICATIONS

THE BIDDING REQUIREMENTS, CONTRACT FORMS, CONDITIONS OF THE CONTRACT, SPECIFICATION SECTIONS 01010 THROUGH 02740 (INCLUSIVE) WERE PREPARED UNDER THE RESPONSIBLE CHARGE OF JAMES E. POWELL, JR. P.E., LOUISIANA LICENSE NO. 31063.



Section 13

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SECTION 01010 - SUMMARY OF THE WORK

PART 1 -- GENERAL

1.1 THE REQUIREMENT

- A. Furnish all plant, tools, equipment, materials, supplies, and manufactured articles, labor, transportation, and services, including fuel, power, water, and essential communications; and perform all work or other operations required for the fulfillment of the Contract in strict accordance with the Contract Documents.
- B. Furnish all work, materials, and services not expressly indicated or called for in the Contract Documents which may be necessary for the complete and proper construction of the work in good faith as though originally so indicated, at no increase in cost to the OWNER. These actions constitute the work of this Contract.
- C. Instructions to the CONTRACTOR: Throughout these Technical Specifications, Instructions to the CONTRACTOR are generally written in active voice, imperative mood. The subject of imperative sentences is understood to be "the CONTRACTOR." The ENGINEER and OWNER's responsibilities are generally written in passive voice, indicative mood. Phrases such as "as approved," "unless otherwise approved," "upon approval," "as directed," "as verified," "as ordered," and "as determined" refer to actions of the ENGINEER or OWNER unless otherwise stated, and it is understood that the directions, orders, or instructions to which they relate are within the limitations of and authorized by the Contract Documents.
- D. Transportation: Provide all necessary transportation to access the site, and to tour the Work area and for the exclusive use of the ENGINEER and Resident Project Representative(s) during the work. Have at all times at the Work Area sufficient modes of transportation for all parties attending the Progress Meetings. Repair all mechanical malfunctions within 24 hours of the malfunction. In the event that the CONTRACTOR refuses, neglects, or delays compliance with the requirements of this provision, the OWNER will obtain transportation at the expense of the CONTRACTOR with such costs to be deducted from the CONTRACTOR's regular progress payments.

1.2 WORK COVERED BY THE CONTRACT DOCUMENTS

- A. The WORK of this Contract generally comprises the dredging of the existing Pearl River Diversion Canal per the lines/grades indicated, deposition of spoils and construction of jetty structure utilizing articulated concrete mats in accordance with plans and details and in accordance with the requirements of the specifications.
- B. The Work Area extends from the mouth of the Pearl River Diversion Canal where it intersects the West Pearl River to a distance of approximately 1,500 feet upstream along the Pearl River Diversion Canal.
- C. Major Items of the work include, but are not limited to the following:
 - 1. Mobilization;
 - 2. Surveying;
 - 3. Clearing and de-snagging along the canal banks.

4. Mechanical dredging to facilitate removal of built-up silt and sediment along the limits of the diversion canal.
 5. Placement of fill material within the jetty structure area;
 6. Providing materials and equipment for the placement of Articulated Concrete Mats (ACM's) according to the plans for jetty structure;
- D. Surveying: Prior to construction, survey the diversion canal area; fill/spoil area(s) and associated access corridor(s) proposed for utilization. Survey transects are defined in Section 02740 – Construction Layout and Surveying. During construction, perform fill area surveys of the fill and borrow areas for partial payment and quality control as deemed necessary by the CONTRACTOR and as requested by the ENGINEER. After construction is complete, perform an As-Built Survey, which will be reviewed by the ENGINEER for acceptance of the work.
- E. Fill Areas: The fill area(s) are permitted for the mooring and direct discharge of a dredge, booster pump, and ancillary equipment. Fill areas may require excavation to facilitate dredge mooring and/or booster pump placement. Do not re-handle sediment through means of depositing the sediment on the channel bottom and re-suspending the sediment for transport to the fill area. Place sediment pipeline(s) used by the CONTRACTOR to facilitate the placement of fill sediment in one or more of the permitted spoil areas within the construction limits shown on the Plans. Construct temporary and channel crossing sediment pipeline markers as defined in the Specifications.
- F. Use of Equipment: Operate all equipment only within the boundaries of the Project Site and away from existing vegetated wetlands or any other sensitive areas except where specified in the Plans. Pay all costs for and assume the full and sole responsibility for returning all disturbed areas outside of the Project Site to pre-existing conditions at no expense to the OWNER.
- G. Site Examination: Examine the Work Area and make determinations of the character of the borrow sediment to be dredged; conditions of the designated fill area; and conditions of the EAC's to be utilized. Material such as logs, stumps, snags, tires, scrap, debris and other obstructions will likely be encountered within the canal dredging and fill areas. No separate payment to the CONTRACTOR will be made for removal and disposal of these obstructions. No consideration will be given to any claims for additional payments based on the failure of the Contractor to inspect the Work Area. Prior to bidding, make a complete and thorough investigation of available roads, navigation channels, or other means of conveyance for transportation, load limits for bridges, barges and roads, and other road or waterside conditions affecting the transportation of all equipment to the site.
- H. Notice of Intent to Dredge: At least thirty (30) days prior to commencement of work on this Contract, notify the USCG, Sector New Orleans Marine Information Center of his intended operations to dredge and request that it be published in the Local Notice to Mariners. Give this notification in sufficient time so that it appears in the Notice to Mariners at least seven (7) days prior to the commencement of this dredging operation. Provide the Department of the Army Permit and drawings to the USCG. Provide copies of all notifications to the OWNER and ENGINEER.
- I. Relocation of Navigational Aids: Coordinate temporary removal of any navigation aids located within the Work Area with the USCG prior to removal. Do not otherwise remove, change the location of, obstruct, willfully damage, make fast to, or interfere with any aid to navigation. Notify the Eighth U.S. Coast Guard District, New Orleans, Louisiana, in writing, with a copy to the OWNER and ENGINEER, seven (7) days in advance of the time he plans to dredge or work adjacent to any aids which require relocation to facilitate the WORK. Contact the USCG for information concerning the position to which the aids will be relocated.

- J. Obstruction of Navigation: Marine traffic in the Work Area may consist of both commercial and recreational vessels of all types and sizes, which can be accommodated by existing depths. Conduct the work in such manner as to maintain navigation. Upon completion of the work, promptly remove Plant, including ranges, buoys, piles, and other marks placed by the CONTRACTOR under the Contract in navigable waters or on shore.
- K. ACM As-Built Drawings: Submit to the ENGINEER a drawing(s) after placement of the ACM's showing the size and alignment of each ACM mat including connection points and anchor locations.
- L. Dredge Data Sheet: Complete the Dredge Data Sheet included as an appendix to these specifications for each dredge that is proposed to be used to perform the work and submit to the ENGINEER prior to execution of the Agreement. Submittal of a Dredge Data Sheet constitutes a certification that the described equipment is available to, and under control of, the CONTRACTOR. The data is pertinent to the evaluation of the proposed dredges and their capability to perform the work. The CONTRACTOR may only omit data or information that is considered to be proprietary.
- M. Daily Reports: Submit a daily report to the ENGINEER for each day of construction operations. The Contractor shall submit a proposed copy of his daily report to the Engineer for approval prior to mobilization.

1.3 PROJECT MEETINGS

A. Preconstruction Conference

1. Prior to the commencement of WORK at the Site, a preconstruction conference will be held at a mutually agreed time and place. The conference shall be attended by the CONTRACTOR'S Project Manager, its superintendent, and its subcontractors as the CONTRACTOR deems appropriate. Other attendees will be:
 - a. ENGINEER and the Resident Project Representative.
 - b. Representatives of OWNER.
 - c. Governmental representatives as appropriate.
 - d. Others as requested by CONTRACTOR, OWNER, or ENGINEER.
2. The CONTRACTOR shall bring the preconstruction conference submittals in accordance with Section 01300 - Contractor Submittals.
3. The purpose of the conference is to designate responsible personnel and establish a working relationship. Matters requiring coordination will be discussed and procedures for handling such matters established. The complete agenda will be furnished to the CONTRACTOR prior to the meeting date. However, the CONTRACTOR shall be prepared to discuss all of the items listed below.
 - a. Status of CONTRACTOR's insurance and bonds.
 - b. CONTRACTOR's tentative schedules.
 - c. Transmittal, review, and distribution of CONTRACTOR's submittals.
 - d. Processing applications for payment.

- e. Maintaining record documents.
 - f. Critical work sequencing.
 - g. Field decisions and Change Orders.
 - h. Use of Site, office and storage areas, security, housekeeping, and OWNER's needs.
 - i. Major equipment deliveries and priorities.
 - j. CONTRACTOR's assignments for safety and first aid.
 - k. Daily Report Form which the ENGINEER will furnish.
 - l. Submittal Transmittal Form which the ENGINEER will furnish.
4. The ENGINEER will preside at the preconstruction conference and will arrange for keeping and distributing the minutes to all persons in attendance.
- B. Progress Meetings
1. The ENGINEER will schedule and hold regular on-Site progress meetings at least monthly and at other times as requested by CONTRACTOR or as required by progress of the WORK. The CONTRACTOR, ENGINEER, and all subcontractors active on the Site shall attend each meeting. CONTRACTOR may at its discretion request attendance by representatives of its suppliers, manufacturers, and other subcontractors.
 2. The ENGINEER will preside at the progress meetings and will arrange for keeping and distributing the minutes. The purpose of the meetings is to review the progress of the WORK, maintain coordination of efforts, discuss changes in scheduling, and resolve other problems which may develop. During each meeting, the CONTRACTOR shall present any issues that may impact its progress with a view to resolve these issues expeditiously.

PART 2 -- PRODUCTS (NOT USED)

PART 3 -- EXECUTION (NOT USED)

END OF SECTION 01010

SECTION 01025 - MEASUREMENT AND PAYMENT

PART 1 -- GENERAL

1.1 THE REQUIREMENT

- A. Payment for the various items on the Bid Form, as further specified herein, include all compensation to be received by the CONTRACTOR for furnishing all tools, equipment, supplies, and manufactured articles, and for all labor, operations, and incidentals appurtenant to the items of work being described, as necessary to complete the various items of the WORK all in accordance with the requirements of the Contract Documents, including all appurtenances thereto, and including all costs of permits and cost of compliance with the regulations of public agencies having jurisdiction, including Safety and Health Requirements of the Occupational Safety and Health Administration of the U.S. Department of Labor (OSHA). No separate payment will be made for any item that is not specifically set forth in the Bid Schedule, therefore include all costs in the prices named in the Bid Schedule for the various appurtenant items of work.

1.2 ACCURACY

- A. The ENGINEER will be the judge of the accuracy of measurements, or approximations made in lieu of accurate determinations and these decisions will be binding upon both the CONTRACTOR and the OWNER.
- B. In computing volumes of excavation, the average end area method or other acceptable methods will be used.
- C. The terms "lump sum, each, or unit" when used as a unit of measure for payment will mean complete payment for the work described in the contract.

1.3 MOBILIZATION

- A. Measurement: No measurement will be made for this item.
- B. Payment: Payment for this item will be made at the lump sum price on the Bid Form, or in portions thereof in accordance with the table below. Payment for mobilization/demobilization will constitute full compensation for moving personnel, equipment, and supplies to and from the site of the WORK, obtaining and maintaining all bonds, insurance, required Permits not supplied by the OWNER, application fees, grade stakes, project sign, navigation aids, and any other associated expenses and all items as stated elsewhere in these Specifications.

Percent of Total Contract Amount Earned	Allowable Percent of Lump Sum Price for Mobilization
1 st Application for Payment	60
Completion	100

1.4 CONSTRUCTION LAYOUT AND SURVEY

- A. Measurement: No Measurement will be made for this item.
- B. Payment: Payment for this item will be made in portions of the lump sum price named in the Bid Form as specified herein. Payment for surveying will constitute full compensation for costs associated

with construction layout, pre-construction, progress, and As-Built surveys as specified within the Contract Documents. Twenty percent (20%) of the lump sum price will be paid to the CONTRACTOR upon completion, submittal, review, and approval by the ENGINEER of the pre-construction survey drawings and electronic submittals; ten percent (10%) of the lump sum price will be paid to the CONTRACTOR per month for ongoing survey work up to a maximum of sixty percent (60%) of the lump sum price and the remaining twenty percent (20%) will be paid to the CONTRACTOR upon completion, submittal, review, and approval by the ENGINEER of As-Built survey drawings and electronic submittals.

1.5 CLEAR AND DE-SNAG

- A. Measurement: No Measurement will be made for this item.
- B. Payment: Payment for this item will be made in portions of the lump sum price named in the Bid Form as specified herein based on percentage complete at time of invoicing and will constitute full compensation for all labor, materials and equipment for the necessary clearing and de-snagging of the diversion canal to facilitate the necessary dredging and jetty structure work.

1.6 EXCAVATION (CANAL DREDGING)

- A. Measurement: Measurement for payment for this item will be made by evaluation of the pre-construction, progress and as-built surveys using the average end area method for the diversion canal area. Once payment surveys are accepted by the ENGINEER they will be considered As-Built surveys for inclusion in the As-Built survey drawings. No payment will be made for cuts below the allowable elevation as shown on the Plans.
- B. Payment: Payment will be made at the unit price listed in the Bid Form which price will constitute full compensation for all labor, materials and equipment for dredge site excavation; dredging, transportation and placement of spoil as specified; turbidity monitoring; environmental protection measures; and all other appropriate costs in connection therewith or incidental thereto this Work. Payment will be authorized only for cut material within the diversion canal area.

1.7 EMBANKMENT (JETTY STRUCTURE)

- A. Measurement: Measurement for payment for this item will be made by evaluation of the pre-construction, progress and as-built surveys using the average end area method for the embankment work associated with the jetty structure. Once payment surveys are accepted by the ENGINEER they will be considered As-Built surveys for inclusion in the As-Built survey drawings. No payment will be made for embankment above the design elevations as shown on the Plans.
- B. Payment: Payment for this item will be made at the Contract unit price listed in the Bid Form which price will constitute full compensation for all labor, materials and equipment required to install dredged material in the areas of the jetty structure.

1.8 GEOTEXTILE FABRIC (JETTY STRUCTURE)

- A. Measurement: Measurement for the geotextile will be made per square yard of the covered area as determined by field measurement of actual quantity installed. Required overlaps of material will not be measured for payment.
- B. Payment: Payment for this item will be made at the Contract unit price listed in the Bid Form which price will constitute full compensation for furnishing and installing geotextile fabric.

1.9 ARTICULATED CONCRETE MAT – 4” THICK (JETTY STRUCTURE)

- A. Measurement: Measurement for the 4” thick articulated concrete mat will be made per square yard as determined by field measurement of actual quantity installed.
- B. Payment: Payment for this item will be made at the Contract unit price listed in the Bid Form which price will constitute full compensation for furnishing and installing 4” thick articulated concrete mat including any required anchors or connectors to tie mats together.

1.10 PERMANENT EROSION CONTROL (HYDROSEEDING)

- A. Measurement: No Measurement will be made for this item.
- B. Payment: Payment for this item will be made in portions of the lump sum price named in the Bid Form as specified herein based on percentage complete at time of invoicing and will constitute full compensation for all labor, materials and equipment for the necessary hydroseeding of the diversion canal banks disturbed during construction.

PART 2 -- PRODUCTS (NOT USED)

PART 3 -- EXECUTION (NOT USED)

END OF SECTION 01025

SECTION 01030 - SUBMITTALS AND SAMPLING PLAN

PART 1 -- GENERAL

1.1 THE REQUIREMENT

- A. The CONTRACTOR shall provide submittals and shall cooperate with quality control and acceptance testing in accordance with the requirements of the Contract Documents. This list is not necessarily exhaustive, and is provided to aid the CONTRACTOR in determining submittal requirements. Additional submittals may be required.

1.2 SUBMITTALS LIST

- A. The list contained within Part 3 - Execution comprises the minimum submittals which shall be submitted by the CONTRACTOR to the ENGINEER in accordance with Section 01010. Additional submittals and testing may be required by the ENGINEER at his discretion.

PART 2 -- PRODUCTS (NOT USED)

PART 3 -- EXECUTION

3.1 REQUIRED SUBMITTALS AND SAMPLING

- A. The CONTRACTOR shall provide at a minimum the following submittals and shall provide materials for the following sampling:

SECTION 01010 – SUMMARY OF THE WORK AND GENERAL REQUIREMENTS

No.	Specification Section	Type (Submittal/Sample/Test)	Description of Submittal or Sample	Remarks
	01010	Submittal	Critical Path Schedule	Submit within ten (10 days of bid opening)
	01010	Submittal	Dredge Data Sheet	Submit prior to execution of Agreement
	01010	Submittal	Copies of proper permits for penetrations and/or anchoring devices for purposes of mooring or anchoring construction equipment,	Submit prior to Mobilization
	01010	Submittal	Submit work plan that accounts for all construction activities required by the contract documents	Submit prior to Mobilization
	01010	Submittal	Submit plan for Field Office and Equipment and Services	Submit prior to Mobilization
	01010	Submittal	Critical Path Schedule Updates	Submit with applications for payment
	01010	Submittal	Daily Reports	Submit Daily during Dredging and Filling Operations
	01010	Submittal	Applications for Payment	Submit monthly or as otherwise agreed upon
	01010	Submittal	Change Order Proposals	Submit as when called for by the Contract Documents
	01010	Submittal	Record Drawings	Submit prior to Final Payment

3.2 REQUIRED SUBMITTALS AND SAMPLING (DIV 2)

- A. The CONTRACTOR shall provide at a minimum the following submittals and shall provide materials for the following sampling:

SECTION 02200 - EARTHWORK				
No.	Specification Section	Type (Submittal/Sample/Test)	Description of Submittal or Sample	Remarks
	02200	Submittal	Dredge Quality Management Program	Submit prior to dredging and placement of fill. Include details on dredging equipment, pipelines, instruments, and any other information necessary for the ENGINEER to determine compliance with the Specifications.
	02200	Submittal	Borrow Area Cut Sequence	Submit prior to dredging and placement of fill
	02200	Submittal	Daily Electronic Dredge Position Log	Submit daily to the ENGINEER
	02200	Submittal	Notice to Mariners	Submit daily to the ENGINEER and USCG Marine Safety Officer

SECTION 02204 – TEMPORARY ENVIRONMENTAL CONTROLS				
No.	Specification Section	Type (Submittal/Sample/Test)	Description of Submittal or Sample	Remarks
	02204	Submittal	Copy of Stormwater Permit from LDEQ, obtained and paid for by the CONTRACTOR	Submit prior to Mobilization

**SECTION 02273 – ARTICULATED CONCRETE BLOCK (ACB)
REVTMENT SYSTEM SPECIFICATIONS**

No.	Specification Section	Type (Submittal/Sample/Test)	Description of Submittal or Sample	Remarks
	02273	Submittal	Manufacturers' hydraulic testing and calculations in support of the proposed cellular concrete mat system and geotextile.	Submit prior to Mobilization
	02273	Submittal	Certificates of compliance for cellular concrete blocks/mats, revtment cable, and any revtment cable fittings and connectors.	Submit prior to Mobilization
	02273	Submittal	Certificates of compliance for geotextile fabric.	Submit prior to Mobilization

SECTION 02274 – GEOCOMPOSITE SPECIFICATIONS

No.	Specification Section	Type (Submittal/Sample/Test)	Description of Submittal or Sample	Remarks
	02274	Submittal	Manufacturers' hydraulic testing and calculations in support of the proposed geocomposite.	Submit prior to Mobilization
	02274	Submittal	Certificates of compliance for geocomposite	Submit prior to Mobilization
	02274	Submittal	Material sample for geocomposite.	Submit prior to Mobilization

SECTION 02740 – CONSTRUCTION LAYOUT AND SURVEYING

No.	Specification Section	Type (Submittal/Sample/Test)	Description of Submittal or Sample	Remarks
	02740	Submittal	Pre – Construction Survey of Borrow Area	Submit prior to mobilization of dredge.
	02740	Submittal	Pre – Construction Survey of Dredge Pipeline Equipment Access Corridor	Submit prior to mobilization of dredge and prior to installation of dredge pipeline.
	02740	Submittal	Pre – Construction Survey of Fill Area	Submit prior to mobilization of dredge and prior to placement of fill
	02740	Submittal	Pre – Construction Magnetometer Surveys	Submit prior to mobilization of dredge, prior to installation of dredge pipeline, and prior to placement of fill
	02740	Submittal	Pre – Construction Pipeline Surveys	Submit prior to mobilization of dredge.
	02740	Submittal	Progress Surveys of Borrow Area	Submit with Monthly Applications for Payment
	02740	Submittal	Progress Surveys of Fill Areas	Submit with Monthly Applications for Payment
	02740	Submittal	As – Built Survey of Borrow Area	Submit prior to final payment
	02740	Submittal	As – Built Survey of Fill Area	Submit prior to final payment
	02740	Submittal	As – Built Survey of Equipment Access Corridor	Submit prior to final payment

END OF SECTION 01030

SECTION 01727 -MOBILIZATION

PART 1 -- GENERAL

1.1 GENERAL

- A. Provide all labor and equipment necessary to move personnel, equipment, construction materials, and incidentals to and from the site of the WORK. Establish offices, plant, and other facilities necessary for the WORK. Obtain bonds, required insurance, and include any other pre-construction expenses necessary to perform the Work.
- B. Include at least the following items as part of the WORK of this section:
 - 1. Moving onto the Site of CONTRACTOR's plant and equipment necessary for the first month of operations.
 - 2. Installing temporary construction power, wiring, and lighting facilities.
 - 3. Establishing fire protection system.
 - 4. Developing construction water supply.
 - 5. Providing on-Site sanitary facilities and potable water facilities.
 - 6. Arranging for and erection of CONTRACTOR's WORK and storage yards.
 - 7. Constructing and implementing security features and requirements as specified.
 - 8. Obtaining required permits.
 - 9. Having OSHA required notices and establishing safety programs.
 - 10. Having the CONTRACTOR's superintendent at the Site full time.
 - 11. Submitting initial submittals.

1.2 PAYMENT FOR MOBILIZATION

- A. The CONTRACTOR's attention is directed to the condition that no payment for mobilization, or any part thereof, will be recommended for payment under the Contract until mobilization items listed above have been completed.

1.3 ARBITRARY DEMOBILIZATION BY THE CONTRACTOR

- A. The OWNER will pay for mobilization and demobilization only once. Should the CONTRACTOR demobilize prior to completing the WORK, no additional payment will be made for demobilization and subsequent remobilization. If the CONTRACTOR elects to demobilize prior to completing the WORK, except for the protection of personnel, Plant or equipment prior to a storm, and the site of the WORK is impacted by a tropical storm or hurricane, resurvey the fill area at no additional cost to the OWNER.

PART 2 -- PRODUCTS (NOT USED)

PART 3 -- EXECUTION (NOT USED)

END OF SECTION 01727

SECTION 02200 - EARTHWORK

PART 1 -- GENERAL

1.1 THE REQUIREMENT

- A. Perform earthwork indicated and required for construction of the WORK, complete and in place, in accordance with the Contract Documents.

1.2 QUALITY ASSURANCE

- A. Deliver and place material conforming to specification requirements and requirements shown on the drawings. Control all processes, perform testing and make adjustments as necessary to result in a uniform product meeting all the requirements of the drawings and specifications.
- B. Use personnel trained and experienced in canal dredging, construction inspection, and be knowledgeable of the Project design.
- C. Dredge Quality Management Program: Implement a DQMP that is consistent with these Specifications and Permits. Submit the DQMP with their Work Plan, as described in Section 01010-3.3C of the specifications, for review and approval by the OWNER and government agency prior to mobilization.
 - 1. Do not excavate below the permitted dredging depth or outside the permitted dredging limits defined in the Contract and Permits. This provision does not apply to the slopes of the dredge cut; that is, the CONTRACTOR will not be held responsible for sediment running from outside the dredging limits when excavating at an edge of a dredge site. Sediment that is obtained from un-permitted areas will not be paid for under this Contract. Excavation in any area not depicted on the Plans is a violation of Permits for this Work. Locations outside and below the permitted limits of the borrow area may contain sediment deposits that are undesirable for fill. Remediate the fill area to remove non-specification sediment excavated from unpermitted areas as required by the permitting agencies and at no additional cost to the OWNER.
 - 2. Notice to Mariners: Should the CONTRACTOR, during dredging operations, encounter any objects within the borrow area or fill area(s) which could be a hazard to navigation, he will notify the ENGINEER and the USCG Marine Safety Office immediately as to the location of said object for the USCG to put out a Notice to Mariners. Furnish a description of the object, the latitude and longitude of the reported object, and any pertinent information necessary to alert mariners in the area.

PART 2 – PRODUCTS (NOT USED)

PART 3 -- EXECUTION

3.1 DREDGING LIGHTED AIDS AND MARKINGS

- A. General: Utilize signal lights, signage, and markings to designate the pertinent Work Area(s) including, but not limited to, the spoil area(s), equipment access corridor(s), and sediment pipeline(s); and display and operate the devices in accordance with the regulations of the USCG as set forth in Commandant USCG Instruction M16672.2, Navigation Rules: International-Inland (COMDTINST M16672.2), or 33 CFR 81 Appendix A (International) and 33 CFR 84 through 33 CFR 89 (Inland), as applicable.

- B. Existing Navigational Aids: Existing Navigation Aids (NAVAID) located within or near the Work Area may be removed, if necessary, by the USCG (and/or as directed by the USCG) in advance of dredging operations. Assess the need and coordinate movement with the USCG. Do not remove, change the location of, obstruct, willfully damage, make fast to, or interfere with any NAVAIID. Repair any damage to existing USCG or private navigation aids caused by the CONTRACTOR to USCG standards at no expense to the OWNER.
- C. Dredging Aids: Obtain approval for all dredging aids, including but not limited to temporary navigation aids, warning signs, buoys and lights the CONTRACTOR requires in conducting the Work specified in this Contract. All dredging aids, signs, buoys, and or lights must meet USCG regulations. Obtain a temporary Permit from the USCG for all buoys or dredging aid markers to be placed in the water prior to installation. State in the permit application the position, color, date to be installed and removed for all dredging aid markers and be submitted to the USCG. Do not color aids or place aids in a manner that they will obstruct or be confused with navigation aids. Submit copies of permit applications and permits to the OWNER and ENGINEER seven (7) days prior to commencement of dredging operations.
 - 1. Installation: Install lighted dredging aids to navigation prior to any dredging equipment entering the borrow area(s) permitted for excavation or laying any sediment pipeline(s) from the borrow area(s) to the fill area through the equipment access corridor(s). Install lighted dredging aids to navigation at intervals required by USCG. Provide aids to navigation that are lighted for twenty-four (24) hour operation. Notify the USCG in accordance with the specifications. Include in the notification maps and descriptions of lighted aids for inclusion in the Notice to Mariners. No requirements of this Specification will supersede the USCG regulations.
 - 2. Operation and Maintenance: Operate and maintain all the lighted aids. If buoys are used, sufficiently weight them to prevent movement by normal wave and current action and vessel wakes. Check the buoy arrangement daily for missing or incorrectly positioned buoys. Check dredging aids daily for any that may be missing, damaged, incorrectly positioned, or have inoperable lighting. Replace Dredging aids that are found to be missing, damaged, or inoperable within twenty- four (24) hours. Should dredging aids leave positioned locations, relocate displaced aids immediately.
 - 3. Lighted Aids and Marker Inventory Record: Develop a method of inventory for all lighted aids, anchors, buoys, buoy cables, pilings, signage, etc. used in the construction of the Project. Use this record to recover all lighted aids, markers, buoys, anchoring equipment, and associated installation equipment at the completion of the Project. Make this log available for review by the ENGINEER and Resident Project Representatives upon request. Upon completion of the Work, furnish the log to the ENGINEER.
 - 4. Removal: Remove all lighted dredging aids to navigation, piles, chains, anchors, etc. from the Work Area upon completion of this Project.

3.2 SPOIL AREAS AND EQUIPMENT ACCESS CORRIDORS

A. General:

- 1. All dredging equipment must be located within the spoil area(s), dredging area(s) and equipment access corridor(s) construction limits shown on the Plans. Follow the alignments as defined in the Plans. Do not excavate or dredge within fifty (50) feet of any oil or gas pipeline. Conduct all work within the construction limits. Return all equipment access corridor(s) and temporary access/staging areas returned to pre- construction conditions prior to demobilization.
- 2. Conduct allowable excavation of any of the dredging areas, transporting the excavated sediment, and satisfactorily placing the sediment in accordance with these Specifications and in conformity to the lines, grades, and elevations shown on the Plans or as directed by the OWNER and ENGINEER. No

bottom dumping from dredges/scow barges and re-suspension of sediment by cutterhead dredge will be allowed.

B. Overhead/Buried Utilities Compliance:

1. Construction activities may take place near power and distribution lines or other utilities. Locate and mark all utilities within the Work Area.
2. Take precautions to avoid impeding regular operations of the utility operator. It is understood and agreed that the wires supported by structures on or buried within the right of way are conductors of, and at all times have in them, high voltage electricity. No person, or object in contact with a person, may touch or be near to said wires or other fixtures on said structures, because to do so or to permit such would be dangerous to the life of the party so doing, as well as anyone else in the area where such occurred. The CONTRACTOR agrees to inform each and every individual of such facts before such party performs and Work in the vicinity of the utilities.
3. Any Work performed in the vicinity of the utilities must be done in accordance with all National Electric Safety Code (NESC) requirements concerning clearances from energized facilities, grounding of any installations and any other applicable code requirements. All OSHA regulations must be met and maintained during the construction, operation, and maintenance of all facilities within the vicinity of the utilities.
4. Secure any agreements with the utility operators for Work performed within the utility operator's right-of-way. Provide copies of any agreements between the CONTRACTOR and the utility operator to the OWNER prior to mobilization.

3.3 DREDGING

- A. General: Perform all dredging within the permitted dredge limits as depicted on the Plans and in the Permits. Perform all dredging in a uniform and continuous manner to avoid creating multiple holes, valleys, or ridges within the section of the area to be dredged. Where dredges and other auxiliary service vessels are used, they shall be equipped with bridge-to-bridge radiotelephones capable of operating from the main control stations and capable of transmitting and receiving on the frequencies within the 156-to-162-Megahertz bank using the class of emissions designated by the Federal Communications Commission for the exchange of navigational information and to provide for maximum safety of operations. For dredge vessels wherein the Code of Federal Regulations (CFR) does not require a USCG licensed U.S. Merchant Marine Officer for operations, employ qualified person(s) to stand watch and monitor the required marine radio channels for vessel-to- vessel communications for passing as well as the operational safety of the dredge, Plant, and support vessels during mobilization, construction, and demobilization. Tracked equipment shall be specifically designed for working in shallow water and marsh areas.
- B. Method: Provide dredge equipment and attendant plant in satisfactory operating condition, capable of efficiently performing the Work as set forth in the Plans and Specifications. Dredge equipment and plant will be subject to inspection by the OWNER or ENGINEER prior to beginning the Work, and at all times during construction. It is anticipated the method of dredging and transporting the sediments from the borrow area to the fill area will be via OWNER approved dredge. Accomplish transportation of sediment from the dredging area(s) to the spoil area as necessary. The CONTRACTOR will be allowed to conduct dredge and disposal operations 24 hours per day, including Saturdays, Sundays, and Holidays, at CONTRACTOR's discretion, provided that CONTRACTOR complies with all applicable labor laws.
- C. Placement of Dredged Sediment: Do not deposit dredged sediment into areas other than those shown on the Plans or stated in Permits without approval of the OWNER. Any sediment that is deposited other than as

indicated on the Plans or as approved by the ENGINEER may be required, by the ENGINEER, to be removed and deposited in approved areas at the CONTRACTOR's expense. Prevent excess runoff of dredged sediment into areas other than those shown on the Plans or stated in Permits through controlling discharge flow rates. Remove and dispose of materials such as snags, scrap and other debris may be encountered within the dredge limits. Change the location and depth of dredging within the borrow area dredge limits for marsh creation fill when necessary to avoid unsuitable materials as specified. Immediately change the location of the dredging in order to avoid placement of the unsuitable materials in the fill area. Notify the Resident Project Representative(s) immediately of these changes. Note the location of unsuitable materials encountered within the borrow area dredge site on the CONTRACTOR's Daily Progress Report. Avoid the identified locations of unsuitable materials in future passes of the dredge. Note the location and limits of unsuitable materials placement within the fill area to allow removal or remediation by the CONTRACTOR. The OWNER or ENGINEER reserves the right to relocate the CONTRACTOR within the borrow area to avoid placement of unsuitable materials. Make relocations to avoid unsuitable materials identified and reported on the Daily Progress Report at no additional cost to the OWNER and will not be a basis of claim for additional costs or time.

3.4 EMBANKMENT CONSTRUCTION

- A. Embankment construction consist of excavating, transporting, and satisfactorily placing dredged material to the spoil areas in accordance with these Specifications and in conformity to the lines, grades, and elevations shown on the Plans or as directed by the OWNER and ENGINEER.
- B. Do not travel across marsh vegetation outside the designated spoil area(s). Repair of areas damaged from the land-based or amphibious equipment at no additional cost to the OWNER.
- C. Embankment Material: Monitor the dredge material at all times to ensure good fill material is used. If unsuitable materials are encountered, take actions specified in herein. Remediate the embankments to remove unsuitable materials placed within the dike section by the CONTRACTOR at no additional cost to the OWNER.
- D. Permanent Armored Earthen Embankment Construction: The permanent armored earthen embankments shall be constructed to the lines, grades and dimensions shown on the plans. A suggested sequence for construction of the permanent armored earthen embankments is as follows. The embankment shall be constructed in a minimum of three (3) lifts. The first lift will be constructed to the lines and grades shown on the plans. The first lift shall be constructed to elevation +x.xx' NAVD88. After the first lift is accepted by the ENGINEER, the geocomposite shall be placed 3' from the waterside toe of the permanent armored earthen embankment to 2' onto the crown of the embankment. Geotextile material shall be placed with a 2' overlap where panels meet. After the geotextile is placed, the CONTRACTOR shall place the articulated concrete mat (ACM) 3' from the waterside toe of the permanent armored earthen embankment to the crown of the embankment. The first lift shall be allowed to settle due to consolidation of the soils for a minimum of 30 days prior to placement of any subsequent lifts. The remaining lift(s) shall be constructed to elevation +x.xx' NAVD88. It is suggested that the CONTRACTOR place ACMs from elevation +x.xx' NAVD88 to elevation +x.xx' NAVD88 towards completion of the project to allow easier maintenance of embankment. The permanent embankment borrow source is quality, dredged material.
- E. Sediment Handling: Do not operate construction equipment outside of the spoil area(s) shown on the Plans, except for designated ingress and egress to and from the Work Area as provided by the construction access and staging locations. Do not stockpile sediment pipeline or any other equipment or debris outside of the CONTRACTOR's Work Area as shown on the Plans and as required by the specifications. Additionally, assume full responsibility and pay all costs for restoring unauthorized disposal areas to pre-construction conditions at his/her own expense as specified.

3.5 PROCESS SURVEY

- A. The surveys associated with the subsections below shall serve as basis for partial payment and/or acceptance for several Bid Items listed in the Louisiana Uniform Public Works Bid Form included in these Specifications. Drawings of the plan views, cross sections, and calculations of quantities of materials shall be developed from these surveys, by the Contractor, and submitted to the Engineer for review, acceptance, and/or partial payment. All bathymetric surveys must be corrected for tidal fluctuations and wave action to the referenced datum.

3.6 MISPLACED MATERIAL

- A. Should the CONTRACTOR, during the progress of the Work misplace any dredge material, Plant, equipment, or other Materials outside of what is authorized and permitted without the approval of the OWNER or ENGINEER, recover and remove the same with the utmost dispatch. Give immediate notice, with description and location of such misplaced Materials to the OWNER and ENGINEER. Remove materials at no additional cost to the OWNER. This may require redeposit of misplaced dredge Materials as directed by the OWNER or ENGINEER. Additionally, the CONTRACTOR will be responsible for restoring unauthorized disposal areas to pre-construction conditions at his/her own expense.
- B. Should the CONTRACTOR, during the progress of the Work, lose, dump, throw overboard, sink, or misplace any Material, Plant, or equipment, which in the opinion of the OWNER and ENGINEER may be dangerous to or an obstruction to navigation, give immediate notice, with description and location of such obstructions, to the USCG and when required, mark or buoy such obstructions until the same are removed.
- C. In the event of refusal, neglect, or delay in compliance with the above requirements, such obstructions may be removed by the OWNER, and the cost of such removal may be deducted from any money due or to become due to the CONTRACTOR or may be recovered under his/her bond.

END OF SECTION 02200

SECTION 02201 - SITE PREPARATION

PART 1 -- GENERAL

1.1 THE REQUIREMENT

- A. Provide all WORK necessary for CONTRACTOR's initial move onto the Site; inspection of the Site, clearing, grubbing and stripping; and development of construction site access.

1.2 CONTRACTOR SUBMITTALS, SAMPLING, AND TESTING

- A. Provide submittals, samples for testing, and testing of materials in accordance with Section 01010 – General Requirements and Section 01030 – Submittals and Sampling Plan.

PART 2 -- PRODUCTS (NOT USED)

PART 3 -- EXECUTION

3.1 SITE INSPECTION

- A. Prior to moving onto the Site, inspect the Site conditions and review maps of the existing site, existing utilities, and facilities or other items delineating the OWNER's property and right-of-way lines.
- B. Assume the full and sole responsibility for investigating, locating and protecting all existing facilities, structures, services, flow lines, and pipelines on, above, or under the surface of the area where equipment transport, sediment pipeline installation, dredging, and filling operations are to be performed. The OWNER will not be held responsible for damage to the CONTRACTOR'S equipment, employees, Subcontractors, adjacent property owners, or anyone else connected with the Project due to encountering objects above and below the water surface.

3.2 PRIMARY CONSTRUCTION SITE ACCESS

- A. Develop any necessary access to the Site, including access barriers to prohibit entry of unauthorized persons.
- B. Utility Interference: Where existing utilities interfere with the WORK, notify the utility owner and the ENGINEER before proceeding in accordance with the General Conditions.

3.3 SPOIL AREA PREPARATION

- A. Prior to placement of fill, remove all sharp objects, man-made objects, and similar debris lying within the limits of the spoil area(s) template from these segments and dispose of the debris in the approved off-site areas. Within these segments of the spoil area(s), leave in place natural debris that does not interfere with construction. Do not use vegetated or wetland areas for natural debris relocation areas or used as access to relocation areas.

- B. CONTRACTOR shall be responsible for disposing of all foreign materials and debris removed from the borrow areas, equipment access channels, and fill areas at an off-site location provided by the CONTRACTOR and approved by the OWNER and ENGINEER unless otherwise directed by these Specifications or the OWNER and ENGINEER. These materials become the property of the CONTRACTOR once they are removed from the site.

END OF SECTION 02201

- D. Inactive Areas of Site: Apply non-toxic soil stabilizers according to manufacturer's specifications to inactive construction areas, or water as needed to maintain adequate dust control.
 - E. Vehicle Loads: Cover or maintain at least 2-feet of freeboard vertical distance between the top of the load and the top of the trailer sides on trucks hauling dirt, sand, soil, or other loose materials off of the Site.
 - F. Roads: Prevent construction materials, including sand, soils, from accumulating on public and private roads.
 - 1. When there is visible track-out onto a paved public road, install wheel washers where the vehicles exit and enter onto the paved roads and wash the undercarriage of trucks and any equipment leaving the Site on each trip.
 - 2. Sweep the paved street at the end of each shift with a water spray pick-up broom- type street sweeper as necessary or as directed.
 - G. Vehicle Speeds: Reduce vehicle speeds as required for control of dust if watering of unpaved roads is not sufficient to control dust.
- 1.5 SEDIMENTATION ABATEMENT FOR WORK DISTURBING LESS THAN ONE ACRE
- A. For work disturbing one acre or less, no formal Storm Water Pollution Prevention Plan is required. Collect, store, haul, and dispose of spoil, silt, and waste materials in compliance with federal, state, and local rules and regulations and the Contract Documents.
 - B. For work disturbing one acre or less, Storm Water Control Measures (SCMs) must be in place. There will be no Notice of Intent (NOI) required. Complete inspection reports and submit copies to ENGINEER.
 - C. Install and maintain erosion and sediment control measures, such as swales, grade stabilization structures, berms, dikes, waterways, filter fabric fences, and sediment basins.
 - D. Install and maintain filter fabric barrier systems, if used, in such a manner that surface runoff will percolate through the system in sheet flow fashion and allow sediment to be retained and accumulated.
 - E. Remove and dispose of sediment deposits at the designated spoil area. If a spoil area is not indicated, dispose of sediment off-Site at a legally permitted disposal facility. Sediment to be placed at the spoil area should be spread evenly, compacted, and stabilized. Do not allow sediment to flush into a stream, drainage structure, or drainage way.
 - F. Maintain erosion and sediment control measures until final acceptance or until directed by the ENGINEER to remove it.
- 1.6 STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND SEDIMENTATION ABATEMENT FOR WORK DISTURBING MORE THAN ONE ACRE
- A. Prepare, implement, and maintain a Storm Water Pollution Prevention Plan (SWPPP), for work disturbing one acre or greater. Within the plan, describe in specific details the CONTRACTOR's program to prevent contamination of the storm water collection system for this project.
 - B. A suggested Template and Sample SWPPP Inspection Report, as well as other valuable information can be found at EPA's website: <https://www.epa.gov/npdes/developing-stormwater-pollution-prevention-plan-swppp>

- C. Comprise the plan of all relevant components specified in the U.S. Environmental Protection Agency document entitled, "Storm Water Management for Construction Activities".
- D. Implement, maintain, and inspect all erosion and sediment controls identified in the SWPPP. Address both common construction activities and extraordinary events. Remove all temporary SCMs, such as silt fences, catch basin filters, wash areas, etc. at the end of construction.
- E. Include Water Pollution Control Drawings (WPCD) in the SWPPP to illustrate the locations, applications, and deployment of the Storm Water Control Measures (SCMs) identified in the SWPPP. Include WPCD's as an attachment to the SWPPP.
- F. Storm Water Control Measures (SCMs): The Storm Water Control Measures (SCMs) are techniques, processes, activities, or structures used to reduce the pollutant content of a storm water or non-storm water discharge. SCMS may include simple, non- structural methods such as good housekeeping, staff training, and preventative maintenance. Additionally, SCMs may include structural modifications such as the installation of berms, canopies, or treatment control.
- G. Comply with laws, rules, and regulations of the State of Louisiana and agencies of the United States Government prohibiting the pollution of lakes, wetlands, streams, or river waters from the dumping of contaminates, refuse, rubbish, or debris.
- H. Submit copies of the SWPPP a minimum of 10 working days prior to beginning construction, to the ENGINEER. Update the SWPPP as necessary during the work to prevent contamination of the storm water collection system.
- I. Before the start of work, train all employees and Sub-CONTRACTORS on the approved SWPPP and related WPCD. Provide the ENGINEER with written documentation of said training.
- J. For work disturbing one to five acres, Storm Water Control Measures (SCMs) must be in place. Prepare SWPPP and post prominently on the job site. Post the LAR 200000 General Permit posted on the job site. No Notice of Intent (NOI) will be required. Complete all required reports and submit them to OWNER.
- K. For work disturbing five acres or more, Storm Water Control Measures (SCMs) must be in place. The CONTRACTOR must have Notice of Intent (NOI) completed, sent to DEQ, and posted. Prepare a SWPPP and post prominently on the site. Have the LAR 100000 General Permit posted on site with DEQ permit number for specific site. Complete a Notice of Termination (NOT) upon completion of the WORK and submit it to LDEQ with a copy to the OWNER and ENGINEER.

1.7 RUBBISH CONTROL

- A. Keep the Site and adjacent areas in a neat and clean condition and free from any accumulation of rubbish. Dispose of rubbish and waste materials of any nature and establish regular intervals of collection and disposal of such materials and waste. Keep haul roads free from dirt, rubbish, and unnecessary obstructions resulting from its operations. Dispose of rubbish and surplus materials be off the Site in accordance with local codes and ordinances governing locations and methods of disposal and in conformance with applicable safety laws and the particular requirements of Part 1926 of the OSHA Safety and Health Standards for Construction.

1.8 CHEMICALS

- A. When chemicals are used for the WORK or furnished for facility operation, whether defoliant, soil sterilant, herbicide, pesticide, disinfectant, polymer, reactant, or of other classification, use or provide chemicals which show approval of either the U.S. Environmental Protection Agency or the U.S. Department of Agriculture. Use such chemicals and dispose of residues thereof in strict accordance with the printed instructions of the manufacturer.

PART 2 -- PRODUCTS (NOT USED)

PART 3 -- EXECUTION (NOT USED)

3.1 ENVIRONMENTAL PROTECTION

- A. General: Comply with the following provisions as applicable, based on the Permit requirements and time of actual construction activities.
- B. Endangered Species:
 1. Manatees: In order to ensure that manatees are not adversely affected by the construction activities, comply with the Protection Conditions for Construction as required by the Federal, State and local regulations including, but not limited to, those specified in the Permits.
 2. Shorebirds: In order to ensure that shorebirds are not adversely affected by the construction activities, comply with the Protection Conditions for Construction as required by the Federal, State and local regulations including, but not limited to, those specified in the Permits.
 3. Bald Eagles: In order to ensure that shorebirds are not adversely affected by the construction activities, comply with the Protection Conditions for Construction as required by the Federal, State and local regulations including, but not limited to, those specified in the Permits.
 4. Pallid Sturgeon: In order to ensure that Pallid Sturgeon are not adversely affected by the construction activities, comply with the Protection Conditions for Construction as required by the Federal, State and local regulations including, but not limited to, those specified in the Permits.
- C. Migratory Bird Abatement Plan:
 1. General: Certain bird species are protected by the U.S. Fish and Wildlife Service (USFWS). The Migratory Bird Treaty Act prohibits the taking, killing, possession, transportation, and importation of migratory birds, their eggs, parts, and nests, except when specifically authorized by the U.S. Department of the Interior. While the Act has no provision for allowing unauthorized take, the Service realizes that some birds may be harassed, harmed or killed due to Project construction even if all reasonable measures to protect birds are implemented. The USFWS's Office of Law Enforcement (LE) carries out its mission to protect migratory birds through investigations and enforcement, as well as by fostering relationships with individuals, companies, and industries that have taken effective steps to minimize their impacts on migratory birds, and by encouraging others to enact such programs. As such, LE focuses their resources on investigating and prosecuting individuals and companies that take migratory birds without regard for their actions or without consideration of Service conservation and/or impact minimization measures.
 2. Implementation: Pursuant to the terms and condition of the Biological Opinion for the Project by the

USFWS, carefully mark and stake the boundaries of the Work Area prior to construction. Construct the markers with materials to be highly visible and semi-permanent. Submit within the Work Plan the materials proposed for the construction of the markers for approval by the OWNER and ENGINEER. Maintain the markers maintain in good order for the duration of construction. Remove and properly dispose of all markers prior to demobilization.

3. To minimize impacts to migratory birds, employ personnel familiar with protected birds to allow for easy identification of birds encountered during the execution of work under this Contract.
4. Patrol the project work areas to identify any nesting birds. Especially patrol unvegetated or sparsely vegetated sand flats, over wash areas which are prime nesting habitat. Continuously conduct such patrols prior to and throughout the period of construction, or until all work (including grading and shaping, and access activities) is completed. During the patrols and upon locating a dead or injured piping plover that may have been harmed or destroyed as a direct or indirect result of construction activities, immediately notify the OWNER and ENGINEER. Notify the USFWS's Lafayette, Louisiana Field Office by phone at 225-765-2821 and the Louisiana Department of Wildlife and Fisheries (LDWF) Natural Heritage Program Include a description of daily patrols (personnel, locations, time), patrol results (any bird observations, species observed, location, behavior, nests found), and any actions taken as a result of such patrols or observations in the Daily Progress Report.
5. Implement bird abatement procedures in the nesting seasons to prevent nesting in the Work Area. Passive techniques such as reflective flagging, colorful fencing, reflective windsocks, predator decoys (owl, hawk, coyote, etc.), and other visual disturbances may be employed. Provide physical disturbance using continual human presence or trained canines, and noisemaking as in the Work Area to keep the Work Area free from nesting birds. If nest colonies are discovered implement buffer zones and consultation with the LDWF and USFWS.
6. Timing, persistence, organization, and diversity of abatement measures are crucial in deterring shorebirds from establishing active nesting colonies. All abatement measures should be conducted by personnel who are familiar with shorebird ecology and are familiar with the proposed abatement methods.
7. All abatement techniques/methods should be coordinated with the OWNER and Service prior to use. To increase the effectiveness of the nesting prevention program, a combination of abatement measures should be employed. Additionally, the types of abatement measures, as well as their spatial and temporal deployment, should be changed frequently to reduce the chances that shorebirds become habituated to the abatement methods.
8. Monitoring the effectiveness of the abatement methods and adaptive management are extremely important to ensuring that the nesting prevention program is successful. Record and summarize all monitoring and minimization measures summarized in a post-construction report.
9. Upon encountering evidence of nests or eggs of any protected bird species, immediately cease Work in the immediate vicinity of the nest and immediately notify the OWNER and ENGINEER.
10. Nesting periods for migratory bird species are indicated in the tablebelow:

Species	Breeding Period
Tri-colored Heron	February 15 to August 1
Reddish Egret	March 1 to September 1
Great Egret	February 15 to August 1

Snowy Egret	March 15 to August 1
Black-crowned Night- Heron	March 1 - September 1
White and Glossy Ibis	April 1 to September 1
Roseate Spoonbill	April 1 to August 15
Brown Pelican	November 1 to September 1
Black Skimmer	May 1 to September 15
American Oystercatcher	April 1 to September 15
Wilson's Plover	April 1 to August 1
Snowy Plover	April 1 to August 1
Killdeer	March 15 to September 1
Willet	April 15 to August 1
Black-necked Stilt	April 15 to August 15
Laughing Gull	April 1 to August 1
Gull-billed Tern	May 1 - August 1
Caspian Tern	May 1 to September 15
Royal Tern	April 1 to September 1
Sandwich Tern	April 1 to September 15
Forster's Tern	March 15 to August 1
Least Tern	April 15 to September 15
Clapper Rail	April 15 to September 1
Seaside Sparrow	March 15 to July 31

D. Water Quality: Adhere to all water quality regulations set forth by the Permits and these Specifications. Control turbidity as specified in Section 02200 – Earthwork.

E. Pollution Control:

1. Locate the CONTRACTOR’s storage area upon existing cleared portions of the Work Area or areas to be cleared. Obtain written approval from the ENGINEER. DO not store oil or fuel on the marsh, or equipment that is not required for the daily construction activities. Specify where oil and fuels will be stored in the Work Plan. Place a metal pan with sides a minimum of four (4) inches high under the equipment on the beach or adjacent area during refueling. Use a pan with a capacity equal to the capacity of the fuel cans used and catch any spills or leaks during the refueling activity. Contain and dispose of fuel caught in the pan. Under no condition may oil or fuels be discharged on the marsh, adjacent lands, or any waterbodies. If the CONTRACTOR's fuel cells exceed the thresholds set forth in the applicable Code of Federal Regulations, Title 40, provide a spill plan and containment equipment accordingly.
2. Take special measures to prevent bilge pumpage or effluent, chemicals, fuels, oils, greases, bituminous materials, waste washing, herbicides and insecticides, and concrete drainage from entering State waters.
3. Disposal of any Materials, wastes, effluent, trash, garbage, oil, grease, chemicals, etc., in areas adjacent to streams or other waters of the State will not be permitted. If any waste Material is dumped in unauthorized areas, remove the Material and restore the area to its pre-construction condition prior to its being disturbed. If necessary, excavate and dispose of contaminated ground as directed by the OWNER and replaced with suitable fill material, compacted and finished with topsoil and planted as required to re-establish vegetation.

- F. Existing Petroleum Pipelines, Structures, and Wells: Locate and avoid all petroleum pipelines and facilities. In the event that an oil spill or gas release occurs as a result of construction activities, contact the Louisiana Emergency Hazardous Materials Hotline at (877) 925- 6595 and the National Response Center at (800) 424-8802. Additionally, respond in accordance with section 2463 of the Louisiana Oil Spill Prevention and Response Act of 1991 and the Oil Pollution Act of 1990. These documents can be downloaded at: <http://www.losco.state.la.us/acts.html> .

END OF SECTION 02204

SECTION 02273 – ARTICULATED CONCRETE MAT

PART 1 -- GENERAL

1.1 SCOPE OF WORK

- A. The work covered by this Section consists of furnishing all plant, labor, equipment, and materials, and performing all operations in connection with the installation of articulated concrete mattresses in accordance with the lines, grades, design, and dimensions shown on the drawings and as specified herein.

1.2 REFERENCES

- A. The publications listed below form a part of this specification to the extent referenced. The publications are referred to in the text by the basic designation only.

American Society for Testing and Materials (ASTM) Publications.

ASTM C 33-93	Concrete Aggregates
ASTM C 140-96B	Sampling and Testing Concrete Masonry Units
ASTM C 476-95	Grout for Masonry
ASTM D 698-78	Moisture Density Relationship of Soils
ASTM D 6684	Materials and Manufacture of Articulating Concrete Block (ACB) Revetment Systems

U.S. Federal Highway Administration (FHWA) and U.S. Bureau of Reclamation (USBR) Report.

FHWA-RD-89-199 Hydraulic Stability of Articulated Concrete Block Revetment Systems During Overtopping Flow.

1.3 DELIVERY, STORAGE, AND HANDLING OF MATERIALS

- A. Delivery and Storage. Materials delivered to the site shall be inspected for damage, unloaded and stored with the minimum of handling. Materials shall be kept free of dirt and debris.
- B. Handling. Materials shall be handled in such a manner as to ensure delivery to the site in sound, undamaged condition. Synthetic geotextiles that are not to be installed immediately shall be protected from the direct sunlight and in accordance with the applicable portions of the Sections entitled GEOTEXTILE FABRIC and GEOGRID-BIAXIAL.
- C. SUBMITTALS. The following shall be submitted in accordance with the Section entitled SUBMITTAL PROCEDURES.

- D. Shop Drawings. At least 30 days prior to the start of any installation of the cellular concrete mats, the Contractor shall submit to the owner shop drawings for the layout and details of the cellular concrete mats. The cellular concrete mats layout shall be to the lines and grades shown on the drawings. The shop drawings shall include layout, layout sequence, anchor details, mat junction details, anchor to mat connection details, and details for grade change.
 - E. Representative Samples. The sources from which the Contractor proposes to obtain materials shall be selected well in advance of the time when the materials will be required in the work. Product literature and suitable samples of the articulated concrete mattresses, cable, fittings, anchors and filter fabric shall be submitted to the owner for approval, prior to delivery of any such material to the site of the work. All samples shall be obtained by the Contractor and delivered at his expense to a point designated by the owner at least 10 days in advance of the time when the placing of the concrete mattresses is expected to begin. The contractor shall submit the cellular concrete block revetment system Manufacturer's certification that the revetment system and components meet the requirements of this specification.
- 1.4 Documentation of Testing. The contractor shall provide to the owner test results documenting that the revetment system has been tested under controlled flow conditions for hydraulic performance characteristics in accordance with FHWA-RD-89-199, utilizing a 2:1 slope in the direction of flow.
 - 1.5 MEASUREMENT OF CELLULAR CONCRETE MATTRESSES. The unit of measurement for the cellular concrete mattresses shall be by the square yard of articulated concrete mattresses placed.
 - 1.6 PAYMENT for acceptable cellular concrete mattresses placed will be made at the contract unit price per square yard for "Articulated Concrete Mattresses," which prices shall include all costs for furnishing, hauling, and placing the cellular concrete mattresses as specified herein and as shown on the drawings.

PART 2 -- MATERIALS

- 2.1 MATERIALS FOR ARTICULATED CONCRETE MATTRESSES.
 - A. Articulated Concrete Mattresses shall be manufactured in conformance with the requirements of ASTM D 6684 "Materials and Manufacture of Articulating Concrete Block (ACB) Revetment /Systems", except that, unless otherwise specified, freeze-thaw requirements shall not apply.
 - B. Concrete shall conform to ACI requirements for normal weight concrete and shall have a minimum compressive strength of 4,000 psi at 28 days when tested in accordance with ASTM C 140-96B.
 - C. Aggregate shall meet the requirements of ASTM C 33 except for grading requirements. Aggregate grading shall be reasonably consistent and shall be well graded from the maximum size, which can be conveniently handled with available equipment.
- 2.2 CELLULAR CONCRETE BLOCKS shall be formed by a vibratory block forming machine. Cellular concrete blocks shall be interlocking; and penetrations shall be included for revetment cables as necessary to bind the individual blocks into mattresses in two perpendicular directions. Cable penetrations shall prevent any exposure of cables to potential UV degradation within the dimensions of the individual blocks (i.e., cables shall not pass through open areas within the dimensions of individual blocks). The blocks shall be open cell, as shown in the plans, and capable of articulation when formed into mattresses.

- A. Design Requirements. The weight of the block shall have the following minimum requirements:

Product	Nominal Thickness	Weight (lb. / sq. ft.	% Open Area
ShoreBlock® BD Series	4 inches	32-35	20

2.3 ARTICULATED CONCRETE MATTRESSES shall be SHOREBLOCK® BD or approved equal. Cellular concrete mattresses shall be pre-manufactured as an assembly of concrete blocks when connected into mattresses by the use of revetment cables. Two (2) integral longitudinal cables per block are required, as well as one (1) integral transverse cable. No partial or “half” blocks will be allowed without a transverse cable. The final revetment system must be tied continuously throughout with cables in two perpendicular directions. Proposed equals must be approved by the engineer a minimum of thirty (30) days prior to bid date. The owner or his engineer reserves the right to accept or reject any proposed equal cellular concrete mattress system for reasons including but not limited to previous performance record, appropriate and applicable testing, hydraulic performance characteristics, and qualified technical support. The following information must be included in the submittal to be considered for approval:

1. Test results documenting the critical shear stress and velocity of the specific revetment system (geometry and thickness) being proposed as an equal. Hydraulic performance testing shall be in accordance with FHWA-RD-89-199, utilizing a 2:1 slope in the direction of flow.
2. Manufacturer’s certification that the revetment system design and components meet all of the requirements of this specification.
3. Size of Articulated Concrete Mattresses. The Cellular concrete blocks and cables and fittings shall be fabricated at the manufacturer’s plant or another approved location into mattresses with a width of up to 8 feet and a length that is capable of being transported without special permitting.

2.4 REVETMENT CABLE. The concrete blocks shall be bound into mats by the use of polyester revetment cable and fittings. Revetment cables shall be placed in both the longitudinal and transverse directions. Individual blocks shall be interconnected in two (2) perpendicular directions.

- A. Polyester Revetment Cable shall be constructed of high tenacity, low elongating, and continuous filament polyester fibers. Cable shall consist of a core construction comprised of parallel fibers contained within an outer jacket or cover. The weight of the parallel core shall be between 65 to 70 percent of the total weight of the cable. Longitudinal cables shall be sized to provide a minimum cable strength to mat weight ratio of 5:1 for safe material lifting/handling. Additionally, all revetment cable shall have the following minimum physical characteristics:

DIRECTION	NOMINAL CABLE DIAMETER	APPROXIMATE AVG. STRENGTH LB.	WEIGHT/100 FT. (LB.)
Longitudinal & Transverse	5/16”	7,000	4.4

- 3.1. Elongation Requirements specified below are based upon stabilized new, dry cable. Stabilization refers to a process in which the cable is cycled fifty (50) times between a load corresponding to $200D^2$ and a load equal to 10, 20, or 30 percent of the cable's approximate average breaking strength. Relevant elongation values are as shown on the table below. The tolerance of these values is ± 5 percent.
- A. Construction Methods. Areas on which filter fabric and cellular concrete mattresses are to be placed shall be constructed to the lines and grades shown on the drawings. The subgrade for the cellular concrete mats shall be free of voids, pits, or depressions and shall be proof-rolled to a minimum of 90% of the ASTM D 698 density. Voids, pits or depressions shall be brought to grade by backfilling in accordance with the applicable portions of the project specifications. All obstructions, such as roots and projecting stones larger than 1 inch remaining on the surface, shall be removed and all of the soft or low density pockets of material removed must be filled with selected material and compacted to a minimum of 90% of the ASTM D 698 density. Special consideration for buried obstructions (i.e. stumps, debris, etc.) will be as shown on the drawings.
 - B. Excavation and Preparation for anchor trenches, side trenches, and toe trenches or aprons shall be done in accordance to the lines, grades and dimensions shown on the drawings.
 - C. Inspection and Approval. Immediately prior to placing the filter fabric and cellular concrete mattresses, the prepared area shall be inspected by the owner's representative and approval obtained before any fabric or mattresses are placed thereon.

3.2 INSTALLATION OF ARTICULATED CONCRETE MATTRESSES.

- A. General. Articulated Concrete Mattresses shall be placed within the limits shown on the drawings. The cellular concrete mats or blocks shall be placed on the filter fabric in such a manner as to produce a relatively planar surface. No more than 200 linear feet of filter fabric shall be laid before being covered with concrete mattresses, and any fabric installed more than 2 days shall be lifted and the surface of the slope inspected for any slope defects. The owner may require any uncovered fabric to be lifted after heavy rainfall to inspect for slope damage. Final acceptance and approval of the installation will be made by the owner. The Contractor shall hold the owner harmless from liability of any kind arising from the use of any patented or non-patented invention used in the performance of this work.
- B. Placement of Prefabricated Mattresses shall be done with mats attached to a spreader bar or other approved device to aid in the lifting and placing of the mats in their proper position by the use of a crane or other approved equipment. The mats shall be placed side-by-side and/or end-to-end so that the mats abut each other. The maximum space or gap between mattresses shall be 3 inches, except that local wider gaps may be accepted if the length of the gap is less than 3 feet and the entire gap is grouted. No overlapping of mats will be accepted and no blocks shall project vertically more than 1 inch beyond the adjacent blocks. All placements of mats shall be in accordance with the manufacturer's recommendations and the Contractor's approved shop drawings. As adjacent mats are placed, they shall be secured to each other by fastening the protruding horizontal and vertical cable connections and end cable loops together along each side of the mats. The fastening shall be done with approved sleeves.
- C. Individual Concrete Blocks that are hand placed shall be subject to the spacing and level parameters specified in Subparagraph: Placement of Prefabricated Mattresses above. Revetment cables shall be threaded into the blocks as the placement proceeds and fastened with approved sleeves, fittings or fasteners.
- D. Geocomposite for the articulated concrete mattresses shall be installed in accordance with the Section entitled GEOTEXTILE FABRIC and GEOGRID-BIAXIAL. Adjacent layers of geocomposite shall have a minimum of

two feet of overlap. Geocomposite shall be secured with 6" x 1" x 6" steel pins prior to placement of articulated concrete mattresses.

3.3 FINISHING.

- A. Surface Treatment. If required on the plans, the voids of the articulated concrete mats for the limits shown on the drawings shall be filled with topsoil.
- B. Inspection and Approval. Prior to the placement of any required surface treatment per section 3.3.1, the owner shall inspect the installed articulated concrete mattresses for defects and/or damage. Individual blocks which are broken and the weight reduced below 1/3 of the original individual block weight shall be replaced or removed and grouted per section 2.6 prior to the placement of any required surface treatment.

3.4 CONTRACTOR QUALITY CONTROL.

- A. The Contractor shall inspect for compliance with contract requirements and record the inspection of all operations including but not limited to the following, as applicable:
 - 1. Preparation of surface to receive articulated concrete mattresses.
 - 2. Individual concrete blocks and geocomposite soundness and free of defects.
 - 3. Cables and fittings - breaking strength.
 - 4. Assembly of cellular concrete blocks bound by cables to form articulated concrete mattresses.
 - 5. Placement of mattresses and geocomposite on the prepared subgrade.
 - 6. Embedment of cables in the anchor trenches, side trenches, and toe trenches.

END OF SECTION 02273

SECTION 02274 - GEOCOMPOSITE

PART 1 -- GENERAL

1.1 SCOPE

- A. This work consists of furnishing and installing Geocomposite in accordance with the specifications as shown on the plans or directed by the Engineer.

1.2 SUBMITTALS

- A. The Contractor shall submit to the Engineer all manufacturers' hydraulic testing and calculations in support of the proposed geocomposite material.
- B. The Contractor shall submit to the Engineer a certificate of compliance of the proposed geocomposite material.
- C. The Contractor shall submit to the Engineer a three-foot square of the proposed geocomposite material.

PART 2 -- PRODUCT

2.1 MATERIALS

- A. The Geocomposite shall consist of the following minimum specifications:
 1. The Geocomposite is a geo-synthetic consisting of a non-woven geotextile bonded to a Geo-Grid. The geocomposite shall combine a geo-textile at sites where filtration and/or separation is required. The geo-grid allows strong mechanical interlock with the soil being reinforced, while the geotextile provides separation and filtration without preventing the soil- geogrid interlock. The Geocomposite shall have high flexural rigidity and high tensile modulus in relation to the material being reinforced and shall also have high continuity of tensile strength through all ribs and junctions of the grid structure. The Geocomposite shall maintain its reinforcement and interlock capabilities under repeated dynamic loads while in service and shall also be resistant to ultraviolet degradation, to damage under normal construction practices, and to all forms of biological or chemical degradation normally encountered in the material being reinforced.
 2. The Geocomposite shall also conform in all respects to the property requirements listed below.

	PRODUCT PROPERTIES		
	Units	MD Values¹	XMD Values¹
Index Properties			
Aperture Dimensions	mm (in)	57 (2.2)	57 (2.2)
Minimum Rib Thickness ²	mm (in)	1.5 (0.06)	0.9 (0.04)
Tensile Strength @ 2% Strain	kN/m (lb/ft)	9.63(710)	9.63 (710)
Tensile Strength @ 5% Strain	kN/m (lb/ft)	19.4 (1,430)	19.4 (1,430)
Ultimate Tensile Strength	kN/m (lb/ft)	27 (2,050)	27 (2,050)
Structural Integrity			
Junction Efficiency ³	%	93	
Flexural Stiffness	mg-cm	450,000	
Aperture Stability	m-N/deg	0.58	

Durability

Resistance to Installation Damage	%GP	75
Resistance to Chemical Degradation ⁴	%	100
Resistance to UV Degradation ⁵	%	100

GEOTEXTILE HYDRAULIC

PROPERTIES ¹ FILTER FABRIC	Test Method	English	Metric
Type: Non-woven			
Apparent Opening Size (AOS)	ASTM D4751	70 US Std. Sieve	0.212 mm
Permittivity	ASTM D4491	1.5 sec-1	1.5 sec-1
Water Flow Rate	ASTM D4491	110 gpm/ft ²	4479 l/min/m ²

B. Dimensions and Delivery

The structural geocomposite shall be delivered to the jobsite in roll form with each roll individually identified and nominally measuring 13.1 feet in width and 164 feet in length. A typical truckload quantity is 180 rolls.

C. Notes

1. Unless indicated otherwise, values shown are minimum average roll values determined in accordance with ASTM D4759. Brief descriptions of test procedures are given in the following notes.
2. Nominal dimensions.
3. Load transfer capability determined according to ASTM D7737.
4. Resistance to loss of load capacity or structural integrity when subjected to chemically aggressive environments according to EPA 9090 immersion testing.
Resistance to loss of load capacity or structural integrity when subjected to 500 hours of ultraviolet light and aggressive weathering in according to ASTM D4355.

2.2 MATERIAL SOURCES

- A. Geocomposite shall be FabGrid FG 3030 as manufactured by Industrial Fabrics., or an approved equal.

PART 3 – EXECUTION

3.1 INSTALLATION

- A. The geocomposite shall be placed in the manner and at the locations shown on the drawings. The CONTRACTOR shall prepare the surface to receive the geocomposite to ensure that the surface is relatively smooth and free of obstructions, depressions, debris, soft or low-density pockets of material, or stone which could damage the geocomposite during placement. Should overlaps of the geocomposite be required, overlaps shall be at least two (2) feet. At the time of installation, the geocomposite shall be rejected if it has defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage. The geocomposite shall be protected at all times during construction to ensure that the geocomposite’s original chemical and physical properties are not changed. The work shall be scheduled so that all of the geocomposite that is placed is covered with a layer of the specified material by the end of each workday. Failure to comply shall require replacement of geocomposite. All wrinkles and sags shall be stretched out immediately before stone is placed on the geocomposite. The geocomposite shall be protected from damage during placement of stone. This shall be accomplished by limiting the height of drop to less than one (1) foot or the water surface, whichever is less. In the event that this damages the geocomposite, the stone shall be placed directly on the geocomposite with zero (0) height of drop. Before placement of stone, the CONTRACTOR shall

demonstrate that the placement technique will not damage the geocomposite. Any geocomposite that is rejected or damaged shall be replaced by the CONTRACTOR at no additional cost to the OWNER.

3.2 ACCEPTANCE

- A. All brands of geocomposite and all seams used in construction will be accepted on the following basis. At least fifteen (15) days prior to installation, the CONTRACTOR shall furnish to the ENGINEER, in duplicate, a mill certificate or affidavit signed by a legally authorized official from the company manufacturing the geocomposite. The certificate shall contain the signer's title, the name and address of the CONTRACTOR, the contract number, and the project name and location. The mill certificate or affidavit shall attest that the geocomposite meets the chemical, physical, and manufacturing requirements stated in this specification and that the seams used meet the seam requirements. A three (3) foot by three (3) foot sample of each geocomposite that the CONTRACTOR plans to use shall accompany the certificate. If seams are used, then an additional three (3) foot by three (3) foot sample containing a sample seam in the center of the geocomposite sample shall be submitted with the certificate.

END OF SECTION 02274

SECTION 02740 - CONSTRUCTION LAYOUT AND SURVEYING

PART 1 -- GENERAL

1.1 THE REQUIREMENT

- A. Furnish all materials, labor, and equipment necessary to perform preconstruction, progress, and As-Built Surveys at the locations shown in the Plans and as outlined in these Specifications. Pre-construction surveys are those required to be conducted prior to the commencement of Work. Any required intermediate surveys are to be submitted as progress surveys. Progress surveys of completed segments of construction may be considered As-Built surveys following acceptance by the Owner and Engineer barring no unforeseen events. As-Built surveys will be used to determine payment acceptance and quantities.
- B. Project Benchmark marks are shown on Plans. Use these benchmarks for horizontal and vertical control. Use a professional surveyor licensed in the State of Louisiana to conduct all Work listed in this section. Ensure that all survey drawings submitted are signed and sealed by a Louisiana licensed professional surveyor. Reference the North American Datum of 1983 (NAD 83), Louisiana South Zone, U.S. Survey Foot for horizontal control, and the North American Vertical Datum of 1988 (NAVD88), U.S. Survey Foot for vertical control for all surveys.
- C. The survey baselines shown on the Plans were established for the engineering and design of the project. Use these baselines to reference the surveys specified herein. Transects to be surveyed are shown on the Plans.

PART 2 -- PRODUCTS (NOT USED)

PART 3 -- EXECUTION

3.1 TEMPORARY BENCHMARKS

- A. Install temporary benchmarks at locations necessary to stakeout the Project baselines as well as other Project features. Determine horizontal and vertical coordinates for all TBMs installed. Reference all TBM's to the Project Benchmarks shown on Plans. Maintain the TBMs for the duration of construction at the Contractor's expense. In the event that a single TBM is disturbed and/or destroyed, the TBM may be reinstalled by a qualified CONTRACTOR employee approved by the Owner. If multiple TBMs are destroyed, the Owner may require the TBMs to be reinstalled by a professional surveyor licensed in the State of Louisiana at no expense to the Owner.

3.2 ACCURACY AND METHODOLOGY

- A. Conduct all surveys using the five (5) cm vertical accuracy standard. Ensure that all onshore points are within ± 1 foot horizontally of the established profile line. Use Digital Leveling Instruments, Real Time Kinematic (RTK) and Global Positioning System (GPS) receivers, and software necessary to achieve the required survey accuracy. Attach a six (6) inch diameter plate to the bottom of the survey rod to prevent the rod from sinking into the sediment past the established grade.
- B. For offshore bathymetric surveys, collect fathometer and positional data along the survey lines with data points collected every one (1) second. Ensure all offshore points are within ± 15 feet horizontally of the established profile line. Perform calibration of the survey equipment for verification of accuracy at the beginning and end of each survey day through the use of a bar check plate or survey level rod based on the water depth of the survey area. Conduct latency checks periodically throughout each day. Calculate and implement latency corrections and make appropriate adjustments to the data. Make available notes of the bar checks and latency calibrations to the Engineer with the data submittal. If bathymetry data is not collected

using RTK equipment, correct the data for tidal variations. If topographic and bathymetric methods are combined to complete a survey transect, topographic and bathymetric surveys must overlap by a minimum of fifty (50) feet. Propose in the Work Plan the methods to be utilized for reference to NAVD88 for the bathymetric surveys prior to conducting surveys for approval by the Owner and Engineer.

3.3 SURVEY DRAWINGS

- A. Submit survey drawings required by these Specifications to the Engineer in digital AutoCAD format and 11" X 17" hard copy. Submit a total of 3 hard copies of the survey drawings for pre-construction, progress, and As-Built surveys to the Engineer for review immediately after they are completed in order to receive acceptance and payment. Base the drawings on the original drawings using the original scales and datums. Ensure that all submitted drawings are signed and sealed by a professional surveyor licensed in the State of Louisiana and submitted to the Owner and Engineer for approval prior to final acceptance. Failure to properly reference the survey baselines, original scales or datums may be considered cause to reject the surveys.

3.4 SURVEY DELIVERABLES

- A. Submit survey deliverables to the Engineer for review immediately after they are completed in order to receive acceptance and payment. Ensure the deliverables contain the following information:
 - 1. Point Files containing point number, Northing and Basting (Louisiana State Plane South NAO 83 US FT), Elevation (reported to the nearest one tenth foot (0.1 ft) NAVD88), and point description in electronic format. Organize point files by transect.
 - 2. Survey drawings as described herein;
 - 3. 3D quality files in electronic format;
 - 4. RINEX files in electronic format;
 - 5. Survey field notebook in electronic PDF format.

3.5 PRE – CONSTRUCTION SURVEYS

- A. General: Survey and stake out the baseline and transects shown on the Plans after the Pre-Construction Conference and prior to construction. This survey will be used by the Engineer to verify the alignment of the various Project features, determine fill volumes, quantities, and make modifications or adjustments as deemed necessary by the Engineer
- B. Canal Dredging Area: Space survey transects one hundred (100) feet apart, perpendicular to the canal dredging area survey baseline, and extend a minimum of two-hundred fifty (250) feet wide. Record elevations at points every ten (10) feet minimum along each transect line. The pre-construction surveys must be submitted to and approved by the Engineer prior to beginning any excavation to ensure that elevations have not significantly changed.

3.6 CONSTRUCTION LAYOUT

- A. Establish all lines and grades and stake out all work, including sufficient vertical and horizontal points for all necessary operations.
- B. Understand the boundaries delineating the OWNER's rights of way or property and other property. Where dimensions are given from property lines along with stationing and offset or coordinates, verify for agreement

and report any discrepancies to the ENGINEER.

- C. The project survey control and horizontal alignment are as indicated on the drawings. The construction plans depict the coordinates of sufficient survey control points to establish and re-establish horizontal control throughout the project. Employ such methods as approved by the ENGINEER for the location of the project and other necessary survey control points in accordance with currently acceptable surveying standards and practices. When required, the ENGINEER will also provide one bench mark on or near the project for vertical control. Verify the values of any intermediate bench marks shown on the plans, by checking against the bench mark established by the ENGINEER for vertical control.
- D. Employ qualified engineering and surveying personnel experienced in layout of the type of work of this project to correctly establish and keep complete and comprehensive records of all lines and grades necessary from initial layout to final acceptance. Provide sufficient qualified staff, of at least one employee, on site during utility relocation periods. Provide any necessary survey work to ensure there are no utility conflicts with required construction. Provide daily documentation of utility relocation activities for incorporation into the project diaries.
- E. Assume full responsibility for the accuracy of the initial layout and all subsequent alignment and elevations and, at no additional cost to OWNER, rebuild, repair or make good any portion of the work found to be incorrectly positioned either horizontally or vertically at any time before final acceptance.
- F. Establish stationing for linear projects using an approved measuring device that is accurate to 0.1 percent. Place stakes every 100 linear feet and maintain the stakes throughout construction.

3.7 PROGRESS SURVEYS

- A. General: Use baseline and transects used for the pre-construction survey for the progress surveys. These surveys will be used to make modifications or adjustments as deemed necessary by the Owner and Engineer. Progress surveys of completed segments of construction will be used for payment upon acceptance by the Owner and Engineer and will then be considered As-Built surveys. Develop drawings of the plan views and cross sections and calculations of quantities of materials from this survey by the Contractor and submit to the Engineer for review and payment.
- B. Canal Dredging Area: Provide progress survey maps and cross sections of the canal dredging area to the Owner and Engineer at the Progress Meetings. Ensure that the location of the dredge excavation path is known at all times.
- C. Fill/Spoil Areas: Survey same transects surveyed for pre-construction surveys again when making requests for payment for filling operations. Perform additional survey transects in the fill area as deemed necessary by the Owner and Engineer. Calculate the area contained in each transect if the As-Built elevations are accepted by the Engineer. Conditions for acceptance are outlined throughout the Technical Specifications. Calculate the volume for each fill section by multiplying the average transect cross sectional area by the length of the fill segment (average end area method) or other method approved by the Engineer. Calculate the quantities of marsh creation fill sediments in cubic yards. Submit volume calculations to the Engineer for verification.

3.8 AS – BUILT SURVEYS

- A. General: Survey the dredged canal area; spoil area(s) and articulated concrete mat installation after construction is complete. Final payment will not be made until the As-Built Survey and Work have been accepted by the Engineer.
- B. Canal Dredging Area: Survey the same transects surveyed for pre-construction again for the As-Built survey of

all borrow area used in construction of the marsh creation fill area for the Project. Calculate the As-Built quantities of sediment excavated from the borrow area used in cubic yards.

- C. Fill/Spoil Areas: Incorporate the accepted progress surveys into the As-Built survey for all of the marsh creation fill area. Develop drawings which include the cross sections, plan views, elevations, quantities, and volumes from the progress surveys. Superimpose the dates, elevations, and volumes for each progress survey onto the corresponding fill cells on the plan views. Calculate the As-Built quantities of marsh creation fill sediments in cubic yards.

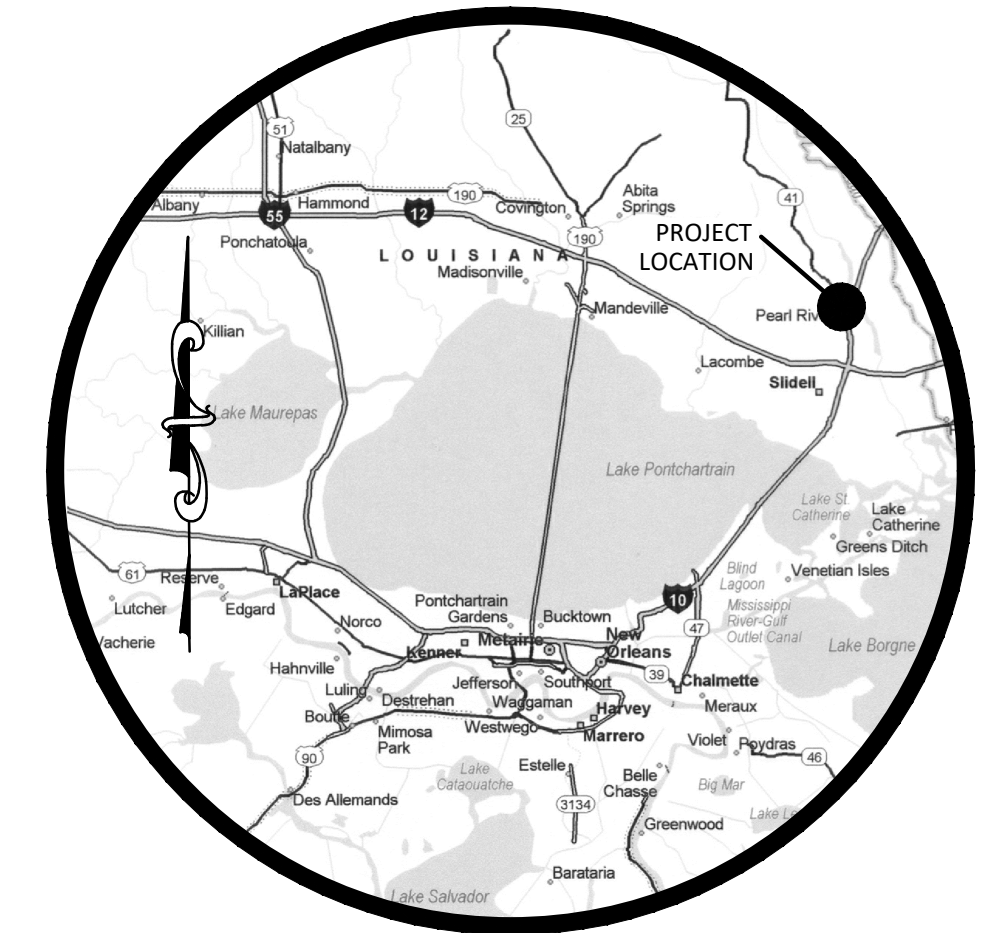
END OF SECTION 02740

SECTION 14

ST. TAMMANY PARISH, LOUISIANA

PEARL RIVER DIVERSION
CANAL RESTORATION

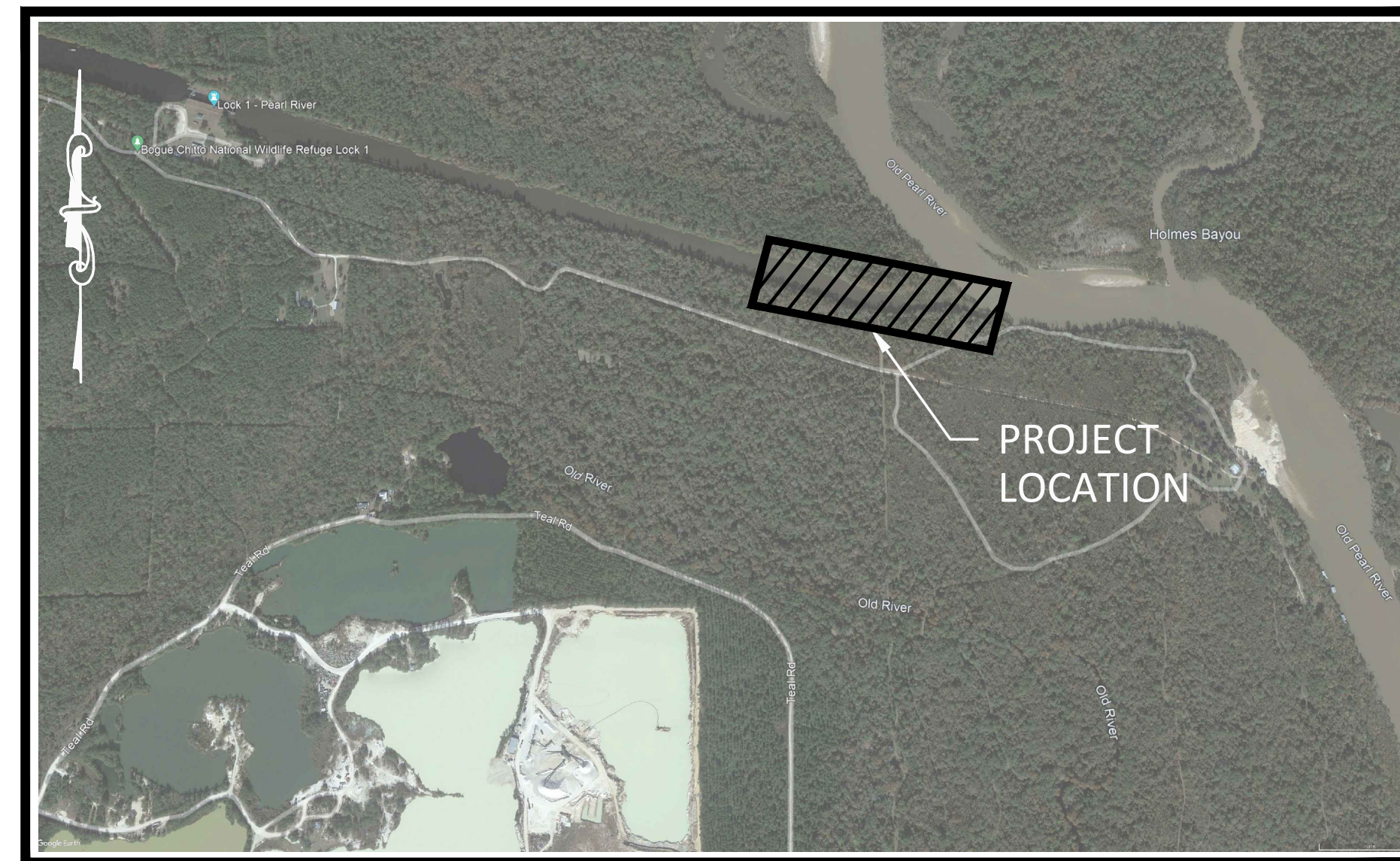
ST. TAMMANY PARISH PROJECT NO. DV21000097
ST. TAMMANY PARISH BID. NO. 23-35-2



VICINITY MAP
SCALE: 1 INCH = 15 MILES

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
G1.0	TITLE SHEET
G2.0	TOPOGRAPHIC SURVEY
C1.0	DREDGING PLAN & LAYOUT
C1.1	DREDGING PLAN & LAYOUT - AERIAL
C2.0	DREDGING PLAN SECTIONS 0+00 & 1+00
C3.0	DREDGING PLAN SECTIONS 2+00 & 3+00
C4.0	DREDGING PLAN SECTIONS 4+00 & 5+00
C5.0	DREDGING PLAN SECTIONS 6+00 & 7+00
C6.0	DREDGING PLAN SECTIONS 8+00 & 9+00
C7.0	DREDGING PLAN SECTIONS 10+00 & 11+00
C8.0	DREDGING PLAN SECTIONS 12+00 & 13+00
C9.0	DREDGING PLAN SECTIONS 14+00 & 15+00



SITE MAP
SCALE: 1 INCH = 1000 FEET
SCALE IN FEET

GENERAL NOTES

- ALL WORK MUST CONFORM TO THE REQUIREMENTS OF ST. TAMMANY PARISH, THE CORPS OF ENGINEERS PERMIT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION) (LSSRB) AND ALL OTHER AGENCIES AS APPLICABLE.
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PARISH PRESIDENT

MICHAEL B. COOPER

COUNCIL MEMBERS

- COUNCIL MEMBER - DISTRICT 1 MARTY DEAN
- COUNCIL MEMBER - DISTRICT 2 DAVID R. FITZGERALD
- COUNCIL MEMBER - DISTRICT 3 MARTHA J. CAZAUBON
- COUNCIL MEMBER - DISTRICT 4 MICHAEL LORINO, JR.
- COUNCIL MEMBER - DISTRICT 5 RYKERT O. TOLEDANO, JR.
- COUNCIL MEMBER - DISTRICT 6 CHERYL TANNER
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- COUNCIL MEMBER - DISTRICT 9 MIKE M. SMITH
- COUNCIL MEMBER - DISTRICT 10 MAUREEN "MO" O'BRIEN
- COUNCIL MEMBER - DISTRICT 11 ARTHUR LAUGHLIN
- COUNCIL MEMBER - DISTRICT 12 JERRY BINDER
- COUNCIL MEMBER - DISTRICT 13 JAKE A. AIREY
- COUNCIL MEMBER - DISTRICT 14 RONALD RANDOLPH

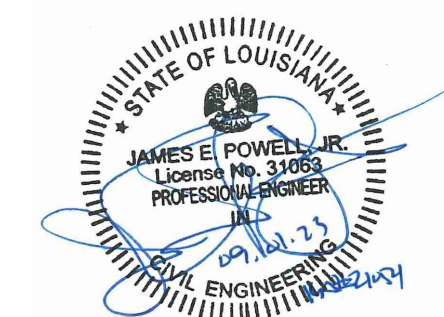
CONTRACTOR CLASSIFICATION - HEAVY CONSTRUCTION
WITH SPECIALTY - DREDGING

DREDGING OF EXISTING CHANNEL, RESHAPING EXISTING
CHANNEL BANKS, INSTALLATION OF CONCRETE MATS

SEPTEMBER 1, 2023



KYLE ASSOCIATES PROJECT NO. 21054



User: Nicole Zerlingue
File: N:\2023\21054 - Pearl River Diversion Canal Restoration\Drawings\Civil\KA - TitleSheet - 22-34.dwg



General Notes:
 1. DATUM REFERENCE- ALL ELEVATIONS SHOWN ARE BASED ON N.A.V.D 88 DATUM (GEOID18). ALL HORIZONTAL DATA SHOWN IS BASED ON LOUISIANA STATE PLANE COORDINATES SYSTEM, SOUTH ZONE, NAD 1983.

HYDROGRAPHIC SURVEY OF
 PEARL RIVER DIVERSION CANAL
 (WEST PEARL RIVER)

DATE: 8/2021
 DRAWN BY: PES
 DESIGNED BY:
 CHECKED BY: JC/HM

BRYANT HAMMETT & ASSOCIATES, LLC
 CIVIL ENGINEERING & LAND SURVEYING
 1104 Dealers Avenue - Harahan, LA 70123
 (504) 733-8004



NO.	DESCRIPTION	BY
	REVISIONS	



FILE NO.:

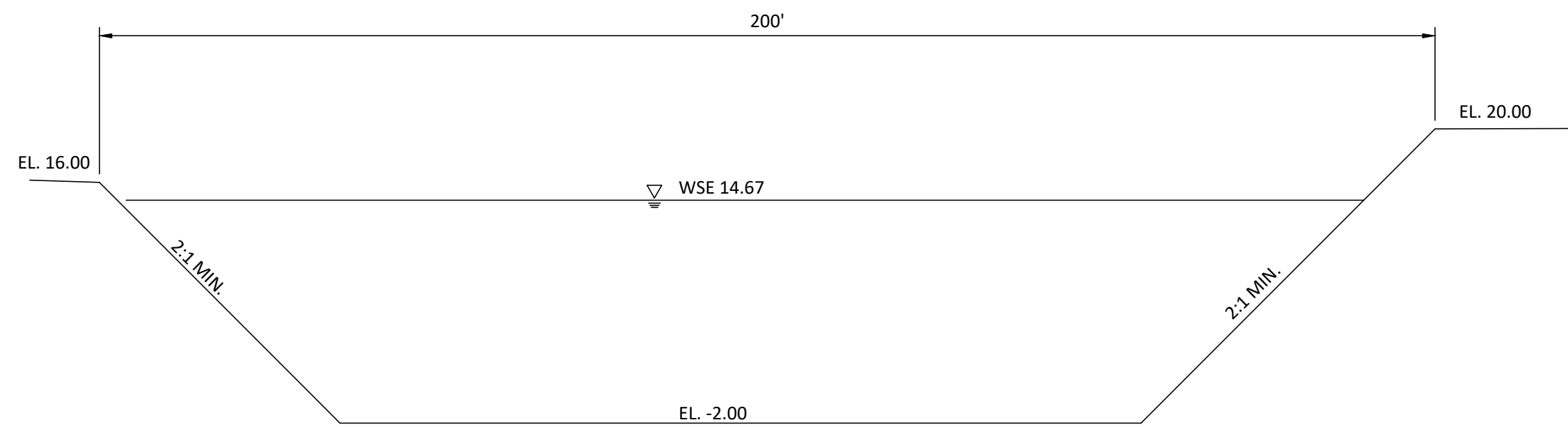
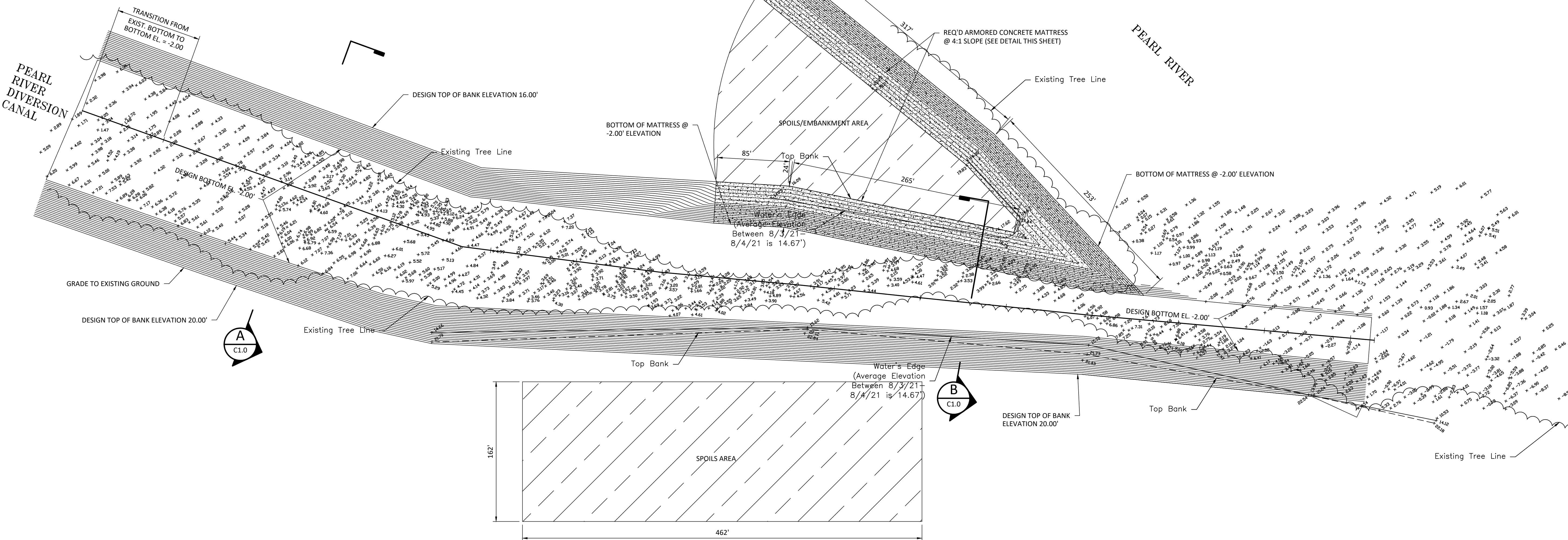
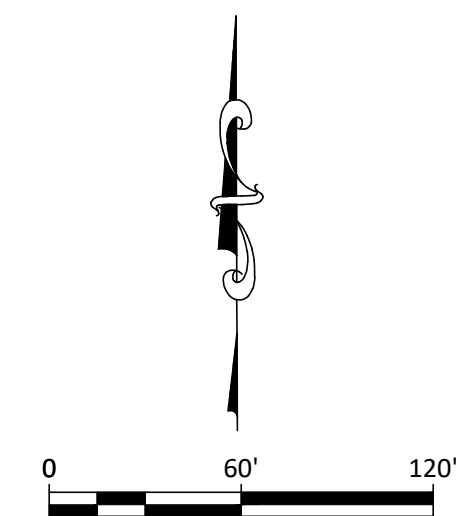
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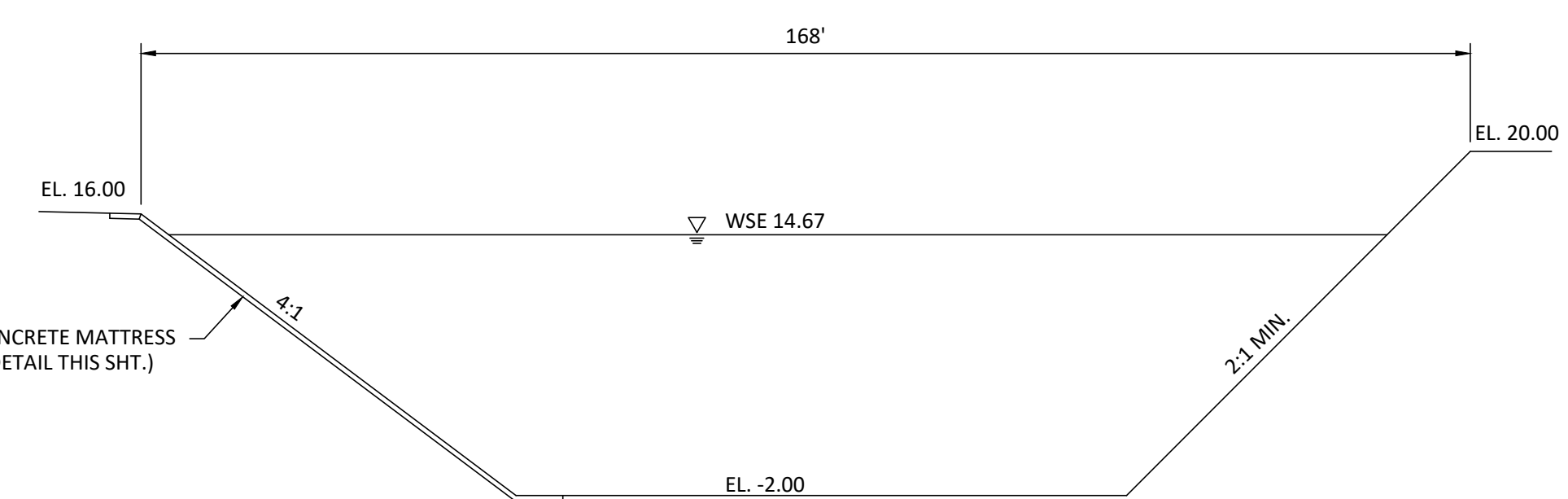
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GENERAL NOTES

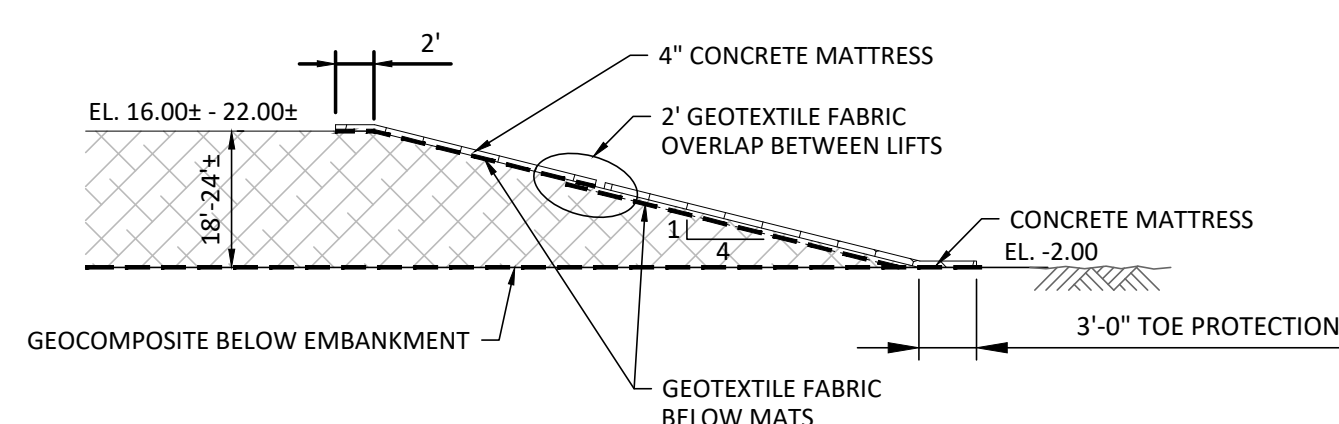
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A
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NTS



B
C1.0 TYPICAL SECTION (STA. 7+34 - 15+00)
NTS



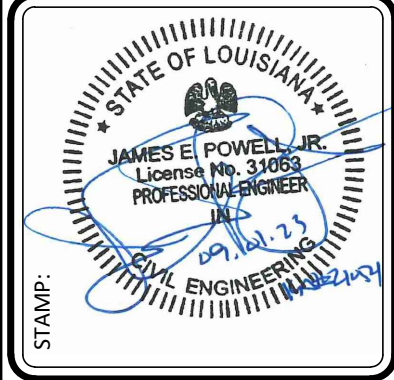
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PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
 STP PROJECT NO. DV21000097
DREDGING PLAN LAYOUT

NO.	DATE	REVISIONS	APP'D



SHEET NO.
C1.0



GENERAL NOTES

1. ALL WORK MUST CONFORM TO THE REQUIREMENTS OF ST. TAMMANY PARISH, THE CORPS OF ENGINEERS PERMIT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES (LATEST EDITION) (LSSRB) AND ALL OTHER AGENCIES AS APPLICABLE.
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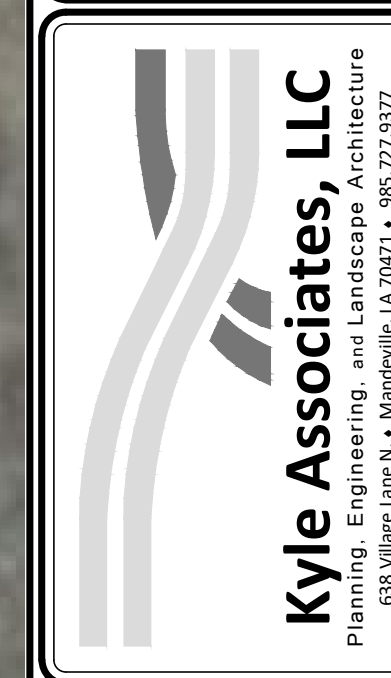
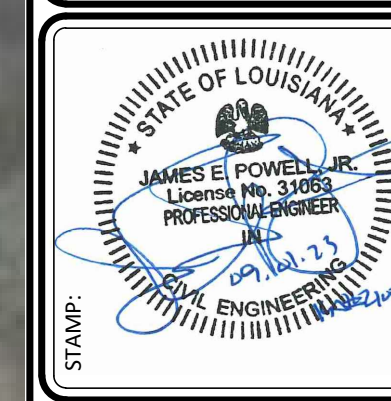
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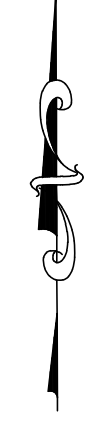
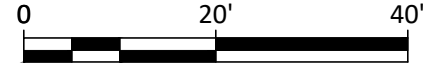
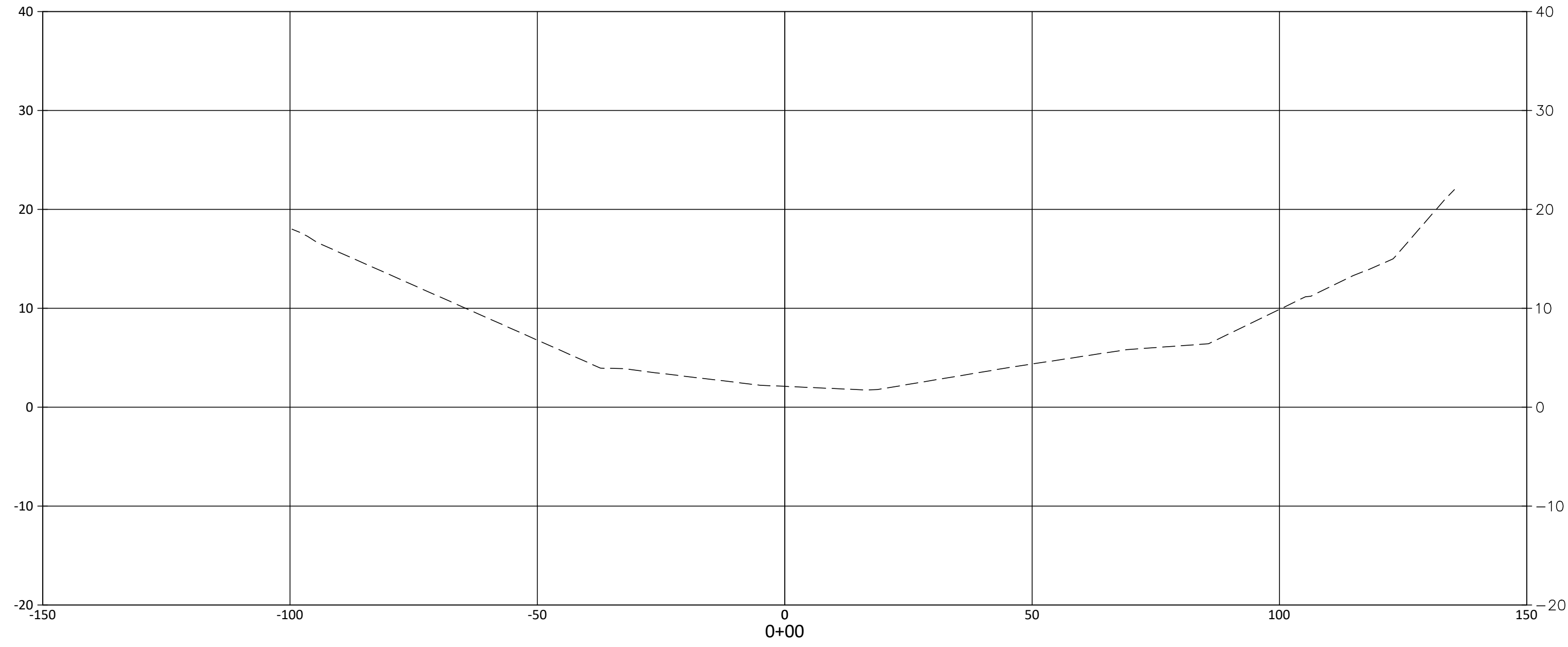
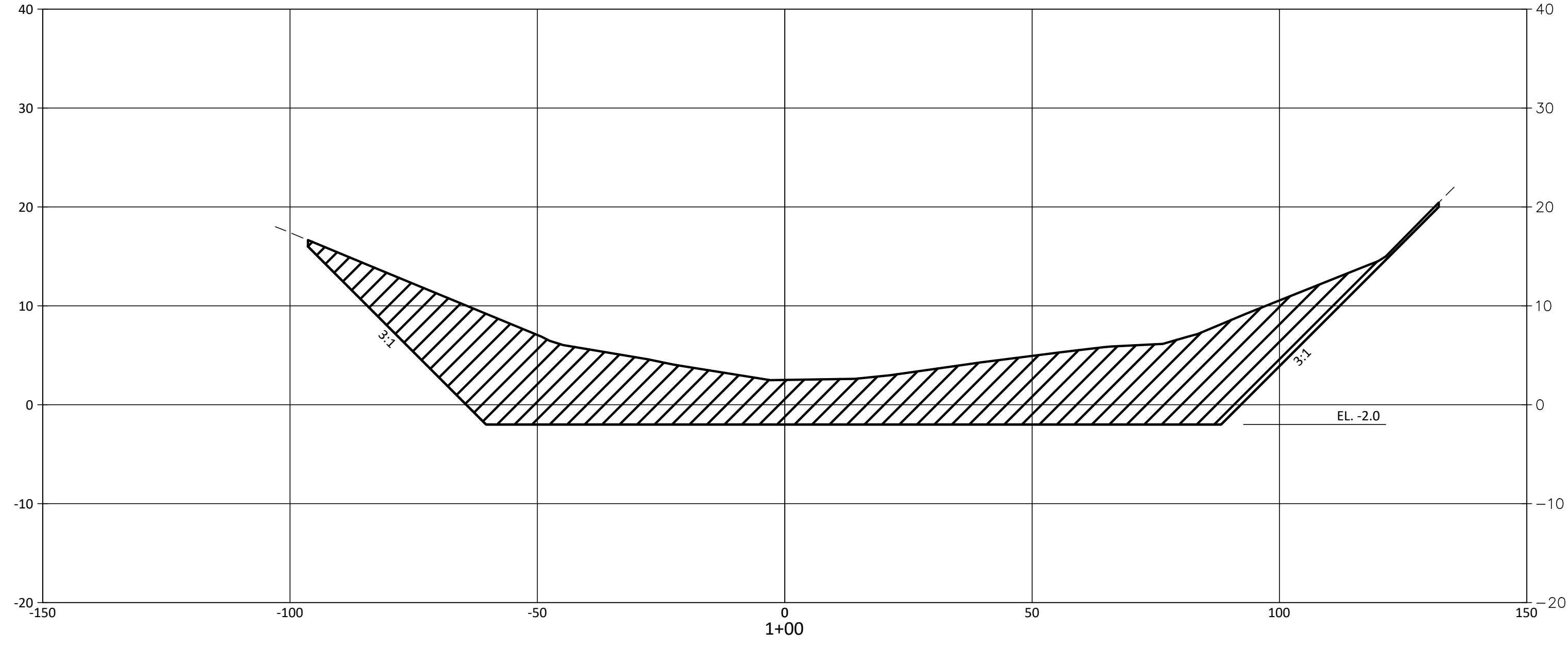
PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
 STP PROJECT NO. DV21000097

DREDGING PLAN LAYOUT - AERIAL

NO.	DATE	REVISIONS	APP'D



SHEET NO.
C1.1

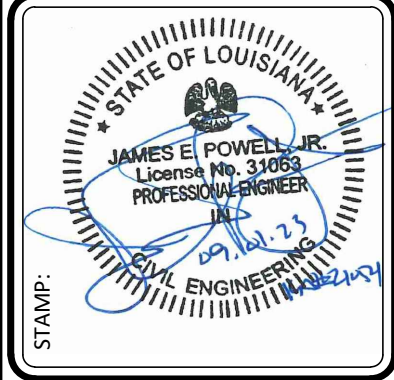


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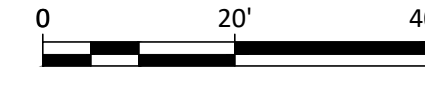
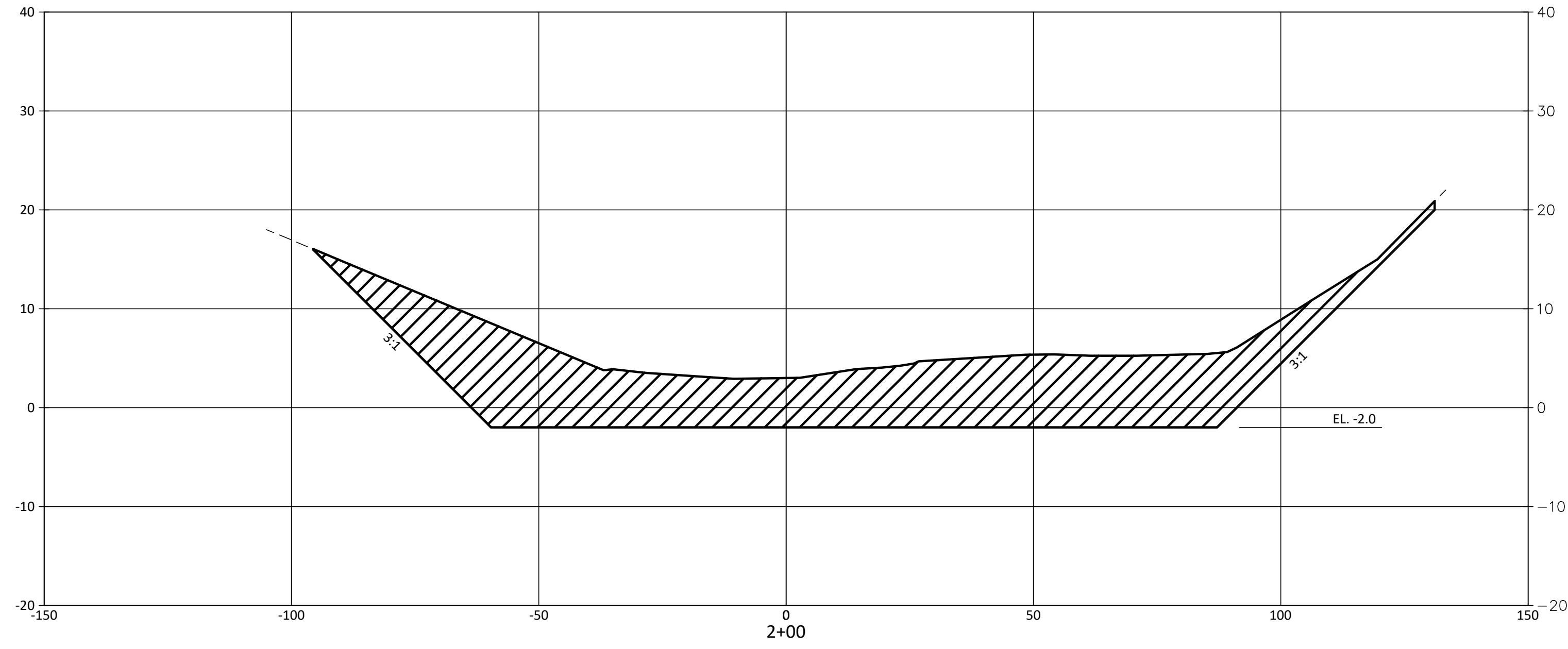
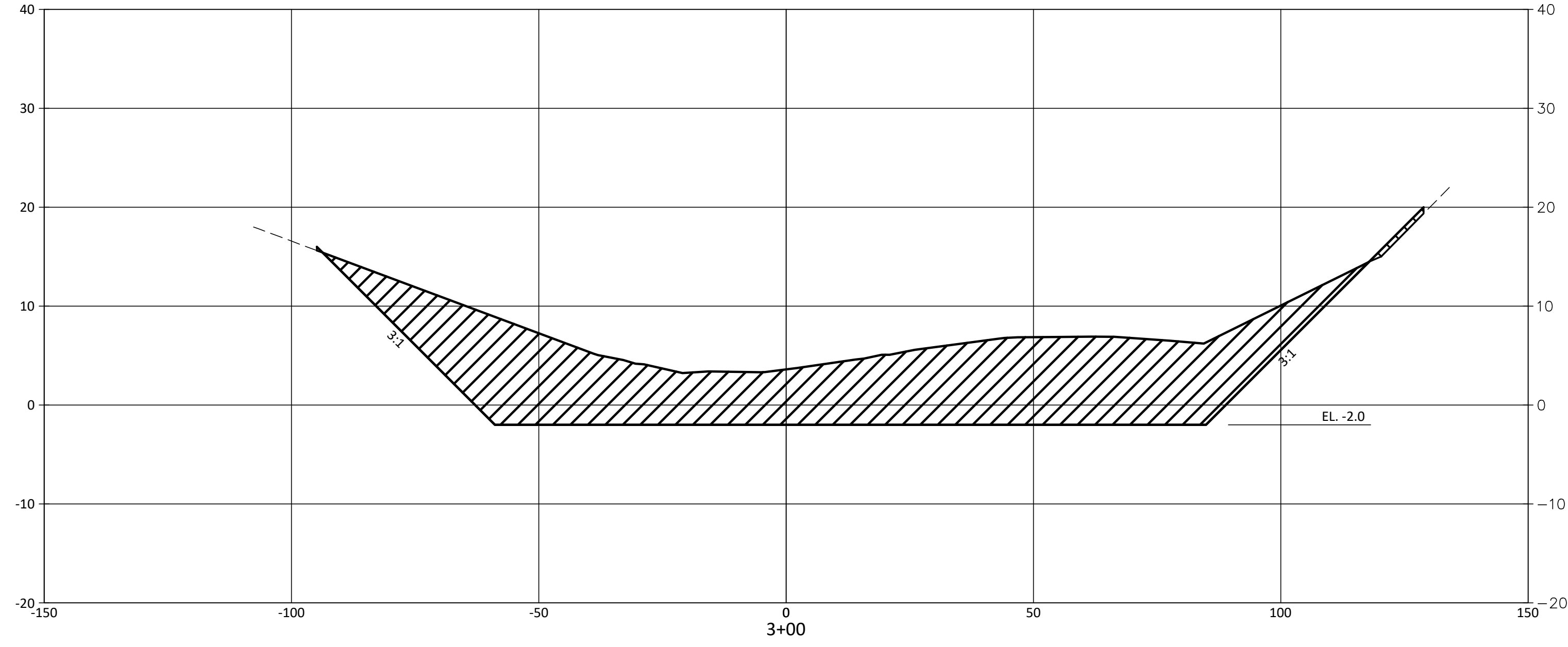
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PEARL RIVER DIVERSION CANAL RESTORATION
 ST TAMMANY PARISH GOVERNMENT
 STP PROJECT NO. DV21000097
 SECTIONS 0+00 & 1+00

NO.	DATE	REVISIONS	APP'D



SHEET NO.
C2.0

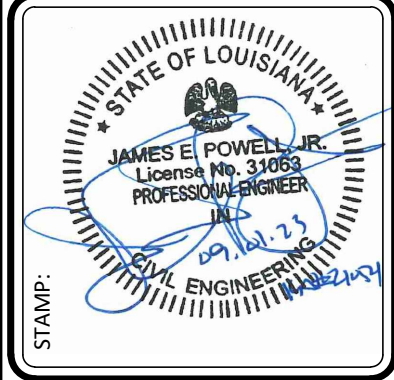


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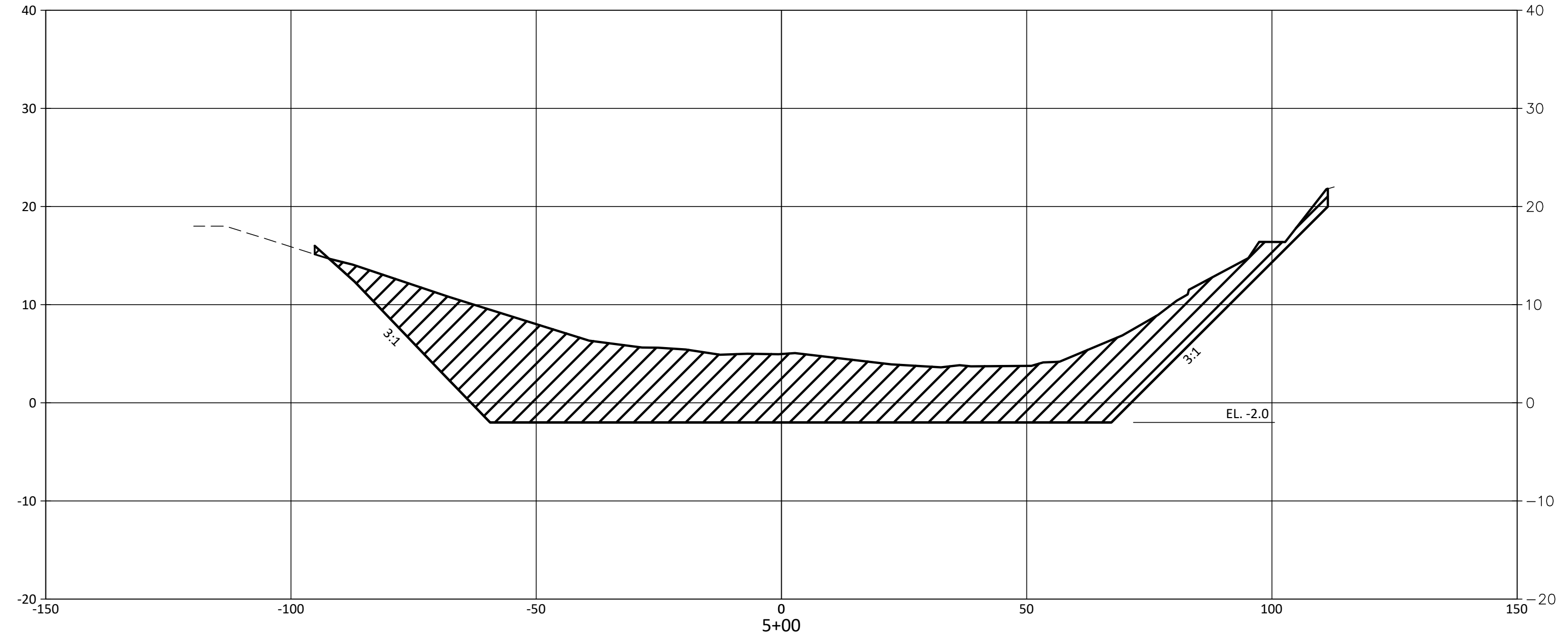
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PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
STP PROJECT NO. DV21000097
SECTIONS 2+00 & 3+00

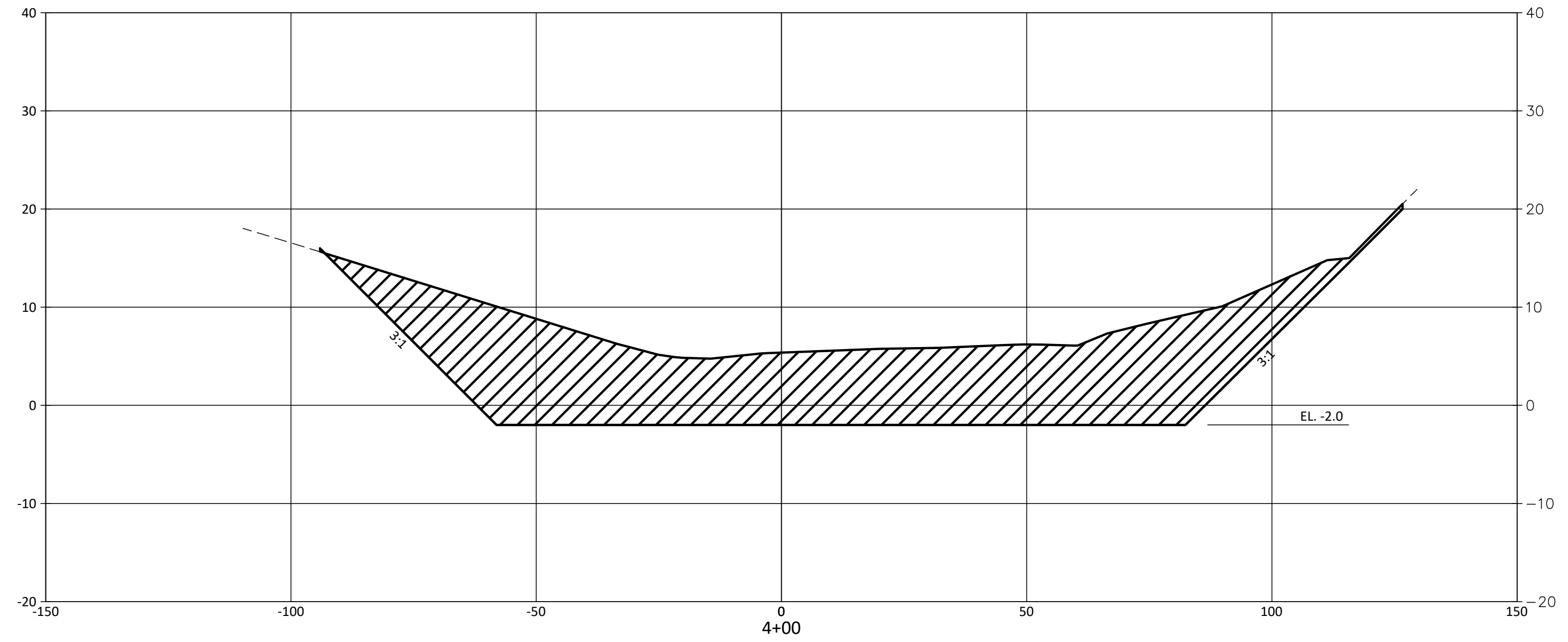
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AREA CUT 1,284 S.F.



AREA CUT 1,594 S.F.

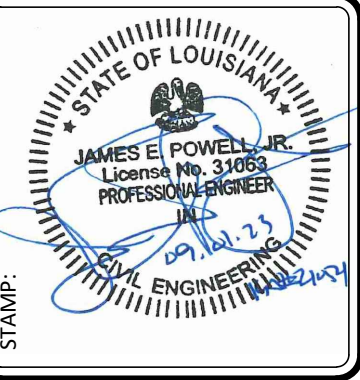


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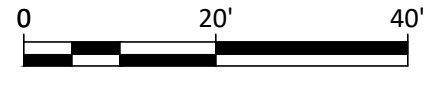
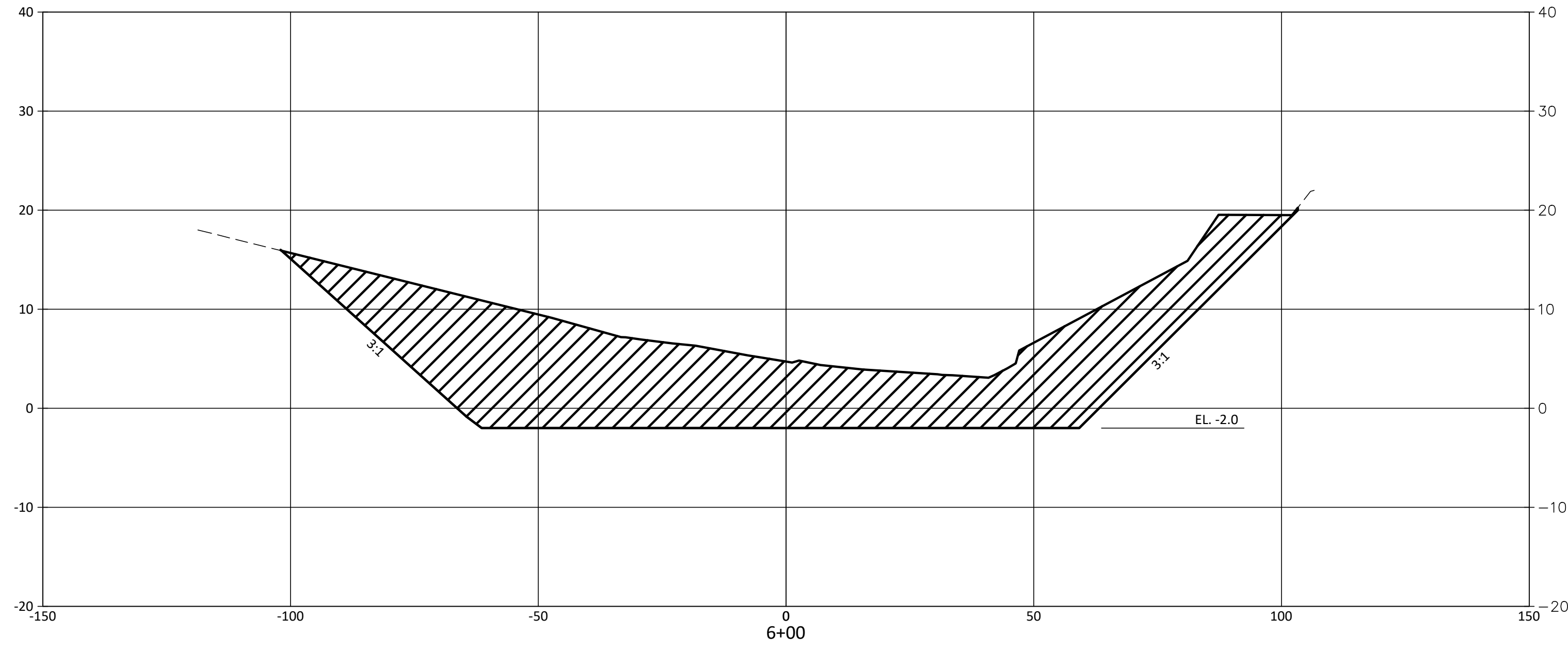
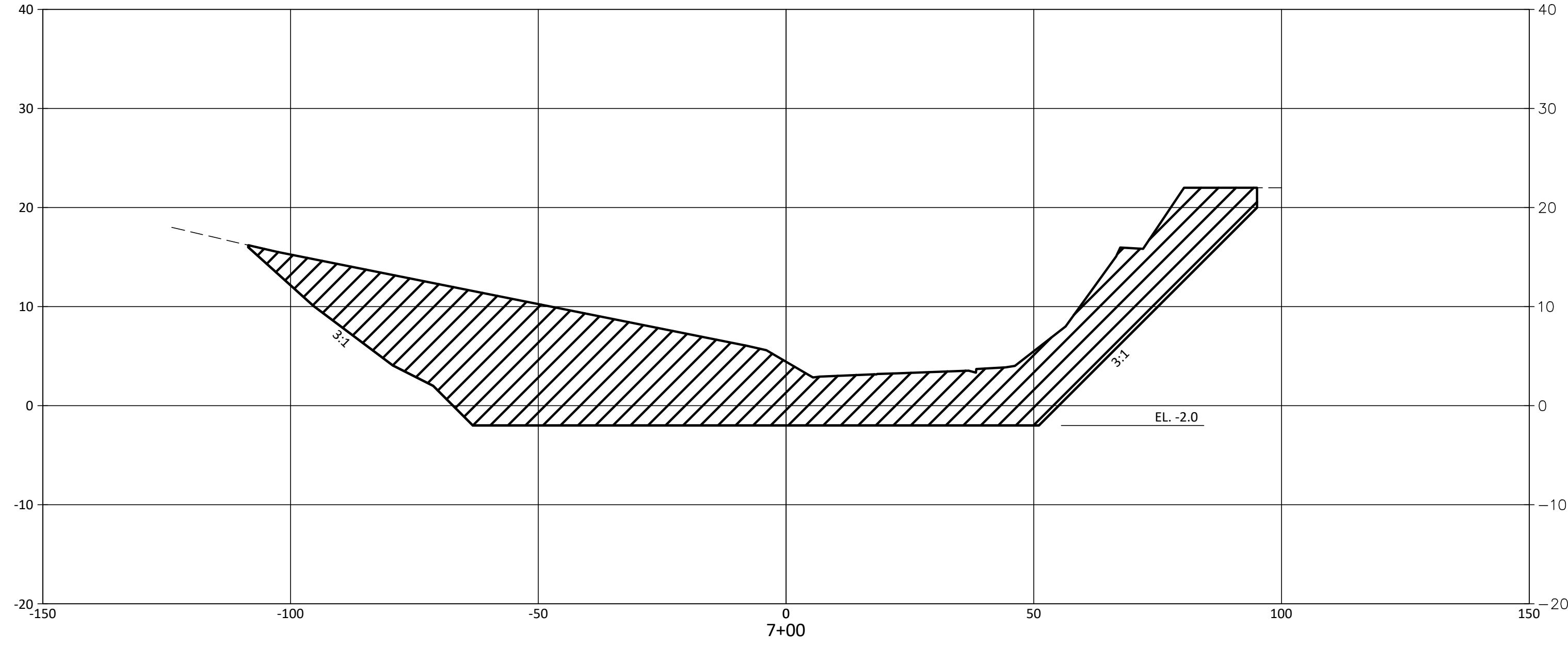
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PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
STP PROJECT NO. DV21000097
SECTIONS 4+00 & 5+00

NO.	DATE	REVISIONS	APP'D



SHEET NO.
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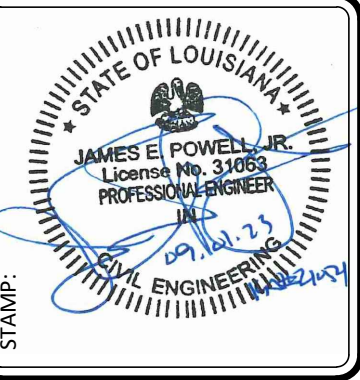
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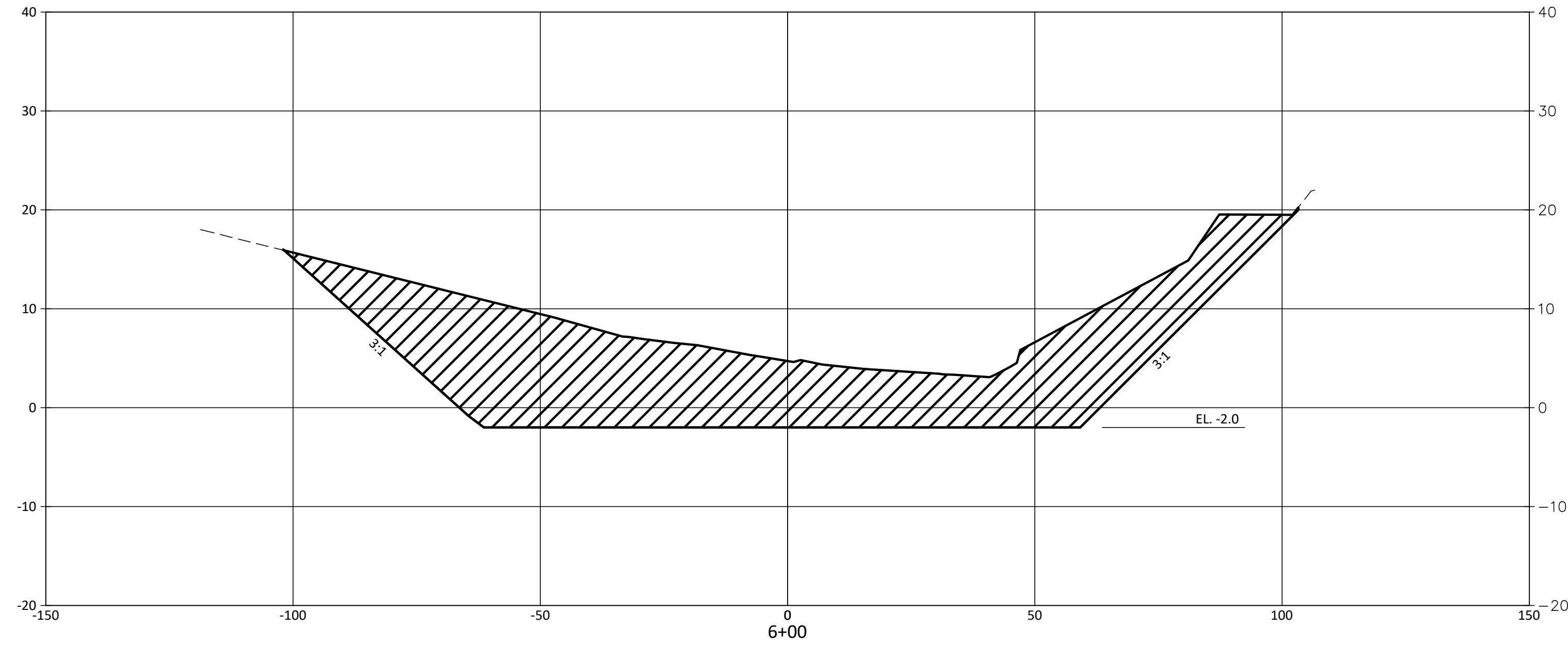
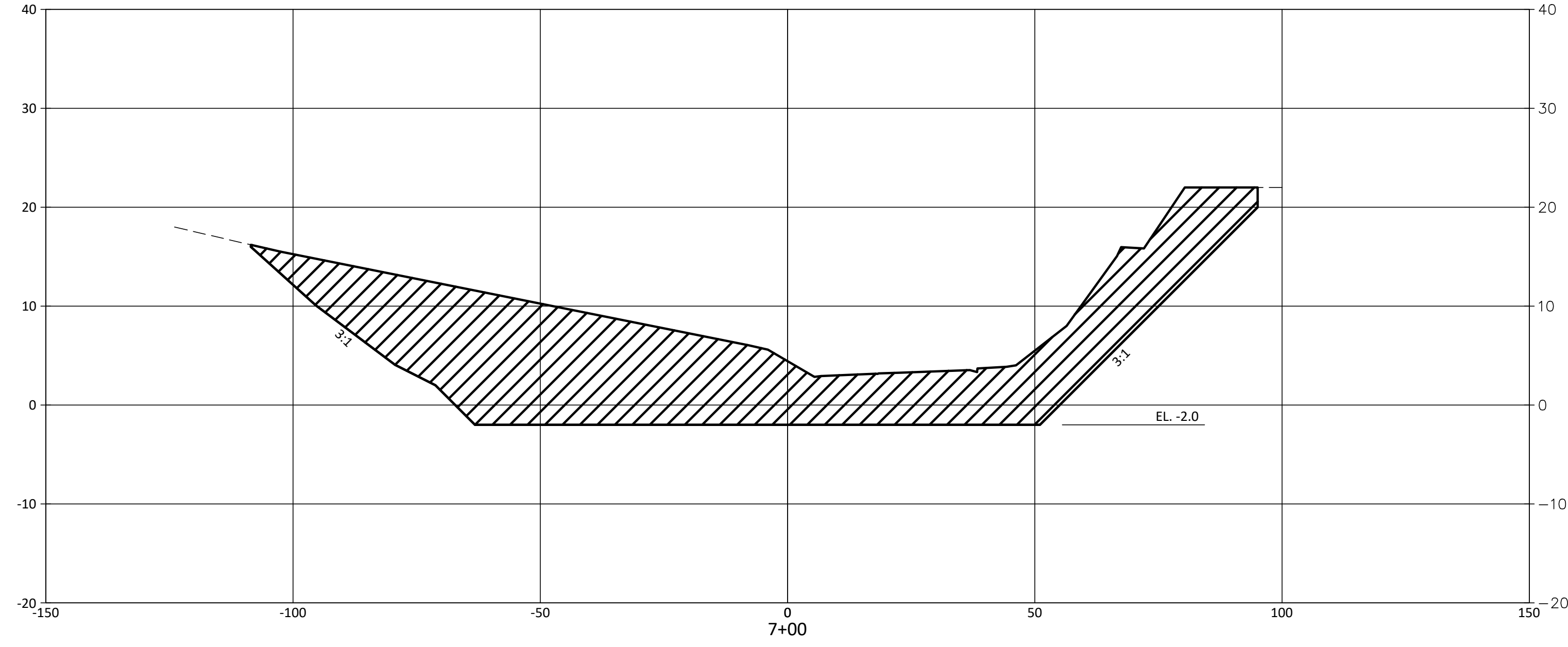
PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
STP PROJECT NO. DV21000097

SECTIONS 6+00 & 7+00

NO.	DATE	REVISIONS	APP'D



SHEET NO.
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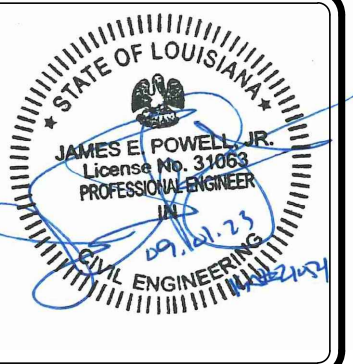
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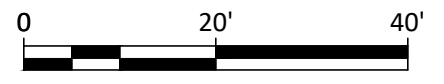
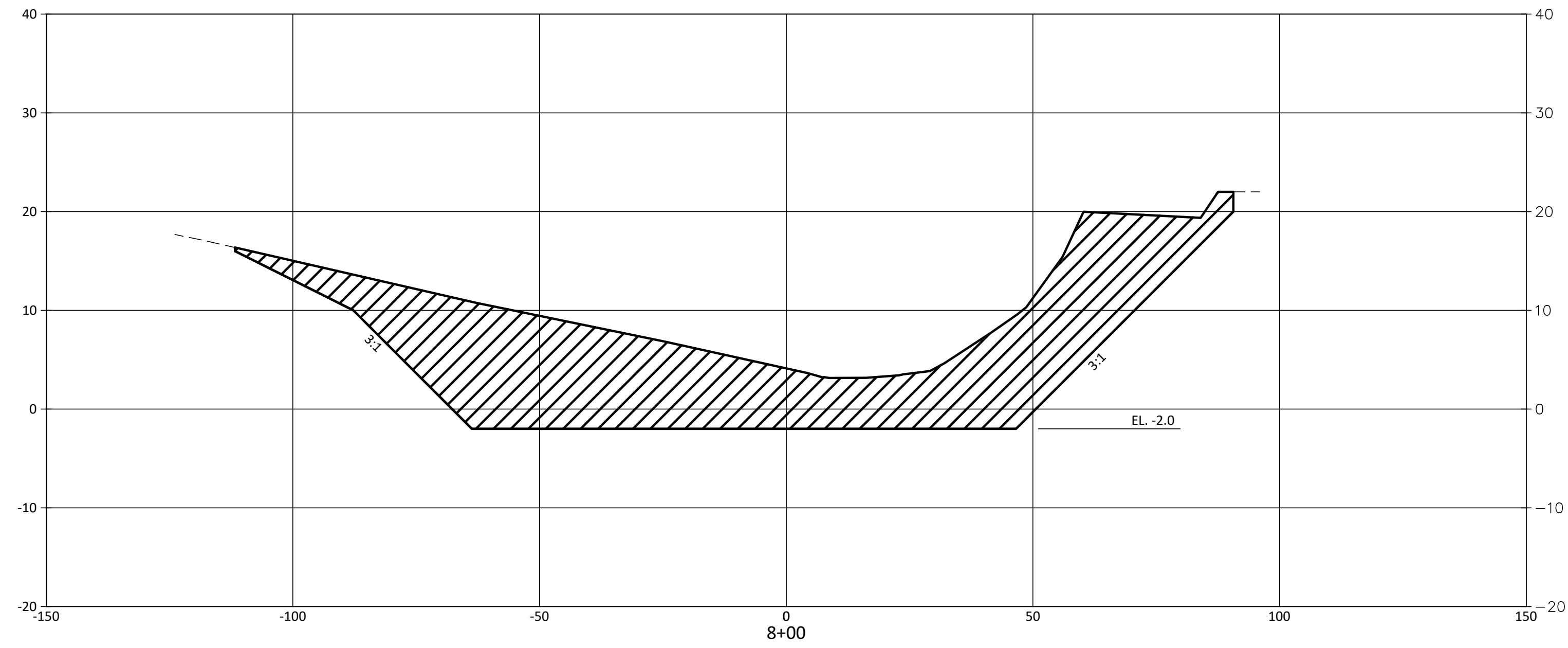
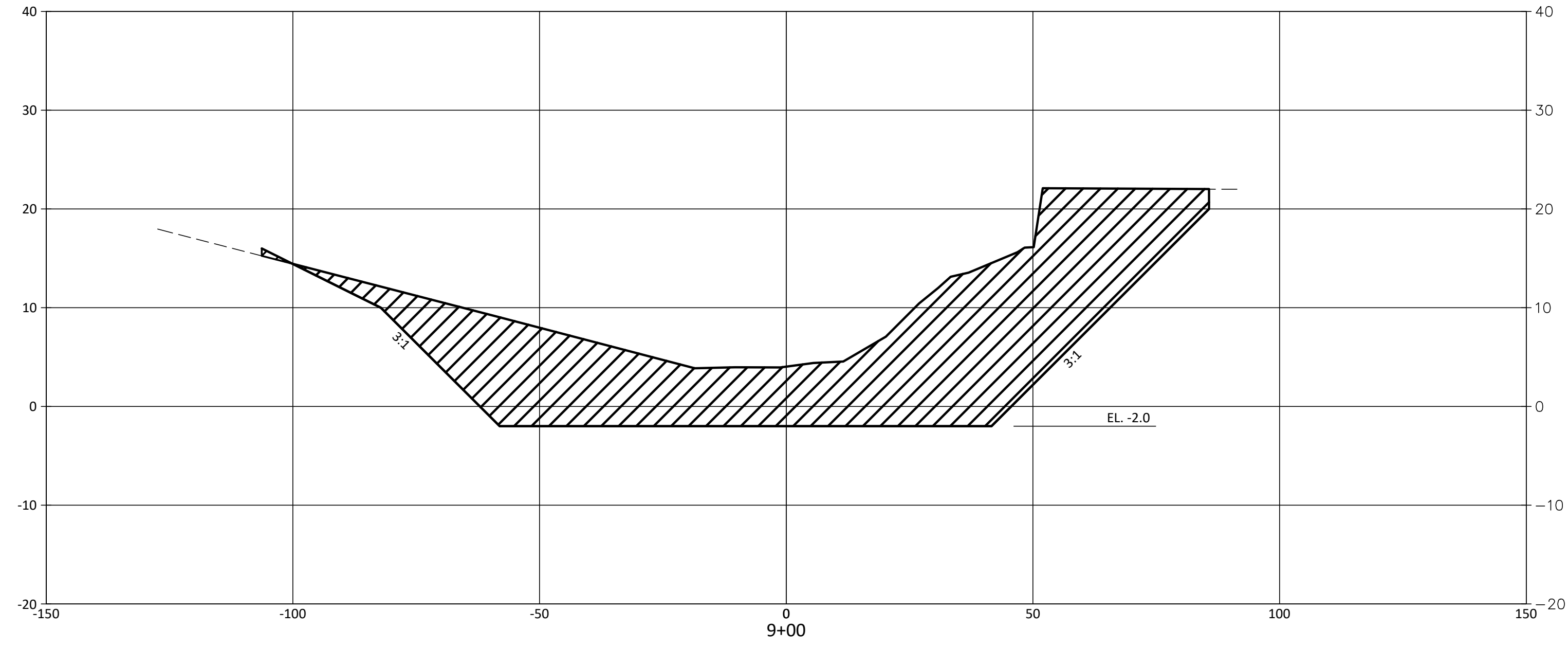
PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
STP PROJECT NO. DV21000097

SECTIONS 6+00 & 7+00

NO.	DATE	REVISIONS	APP'D



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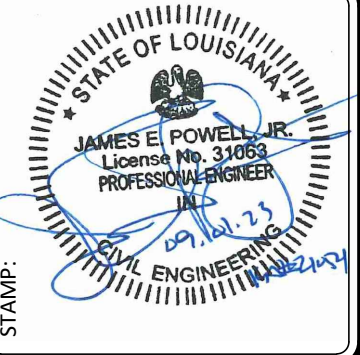
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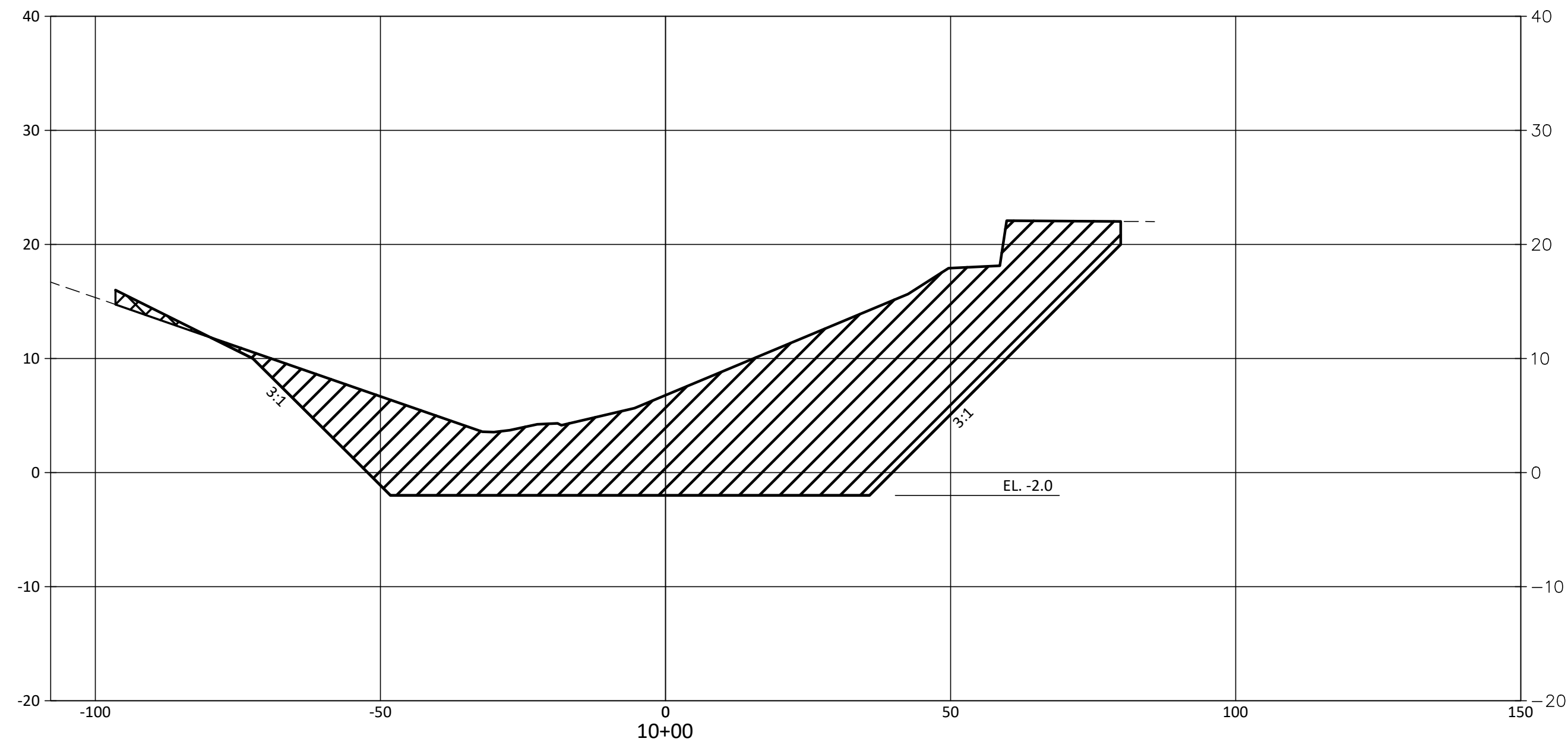
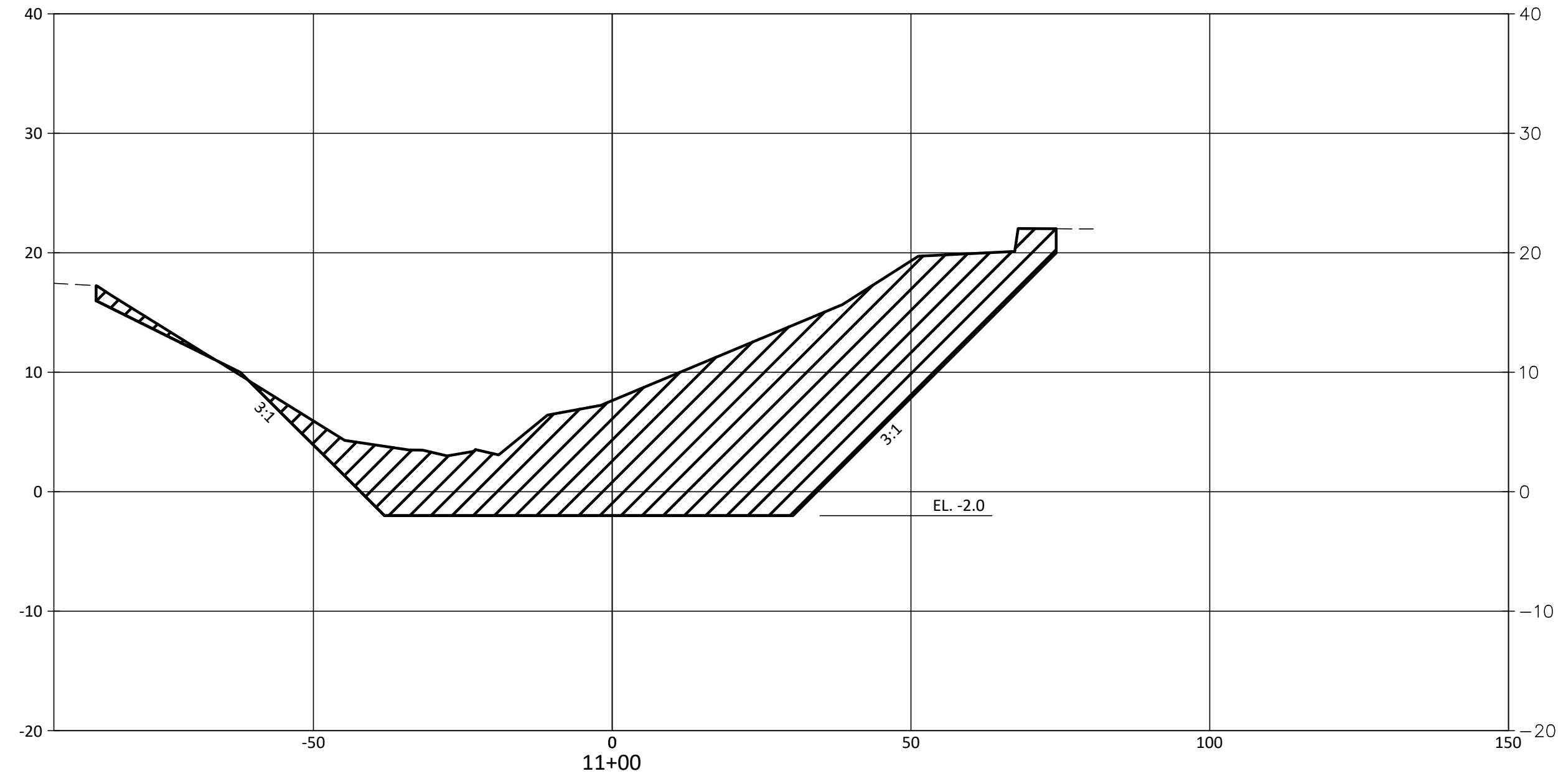
PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
STP PROJECT NO. DV21000097

SECTIONS 8+00 & 9+00

NO.	DATE	REVISIONS	APP'D



SHEET NO.
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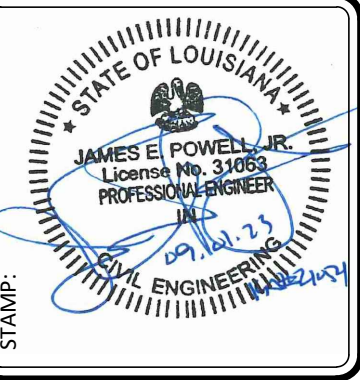
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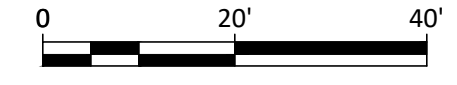
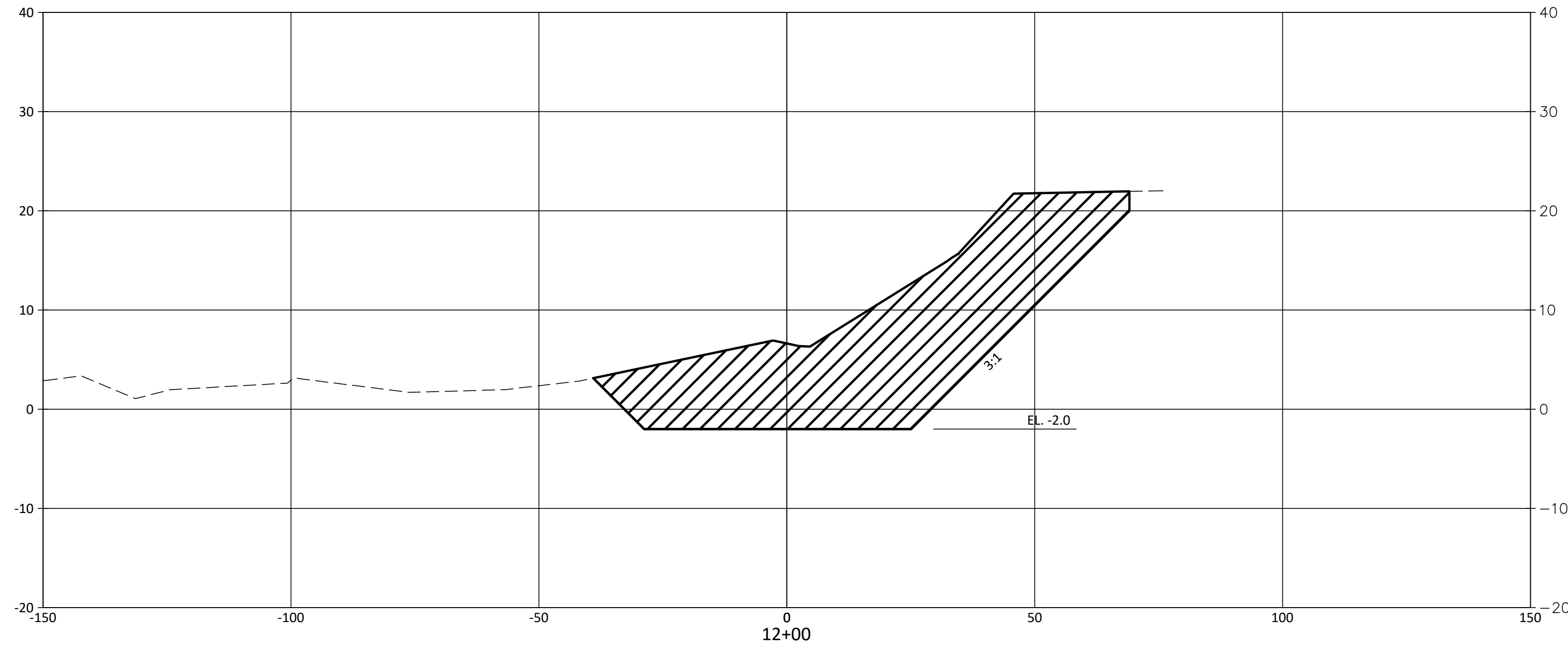
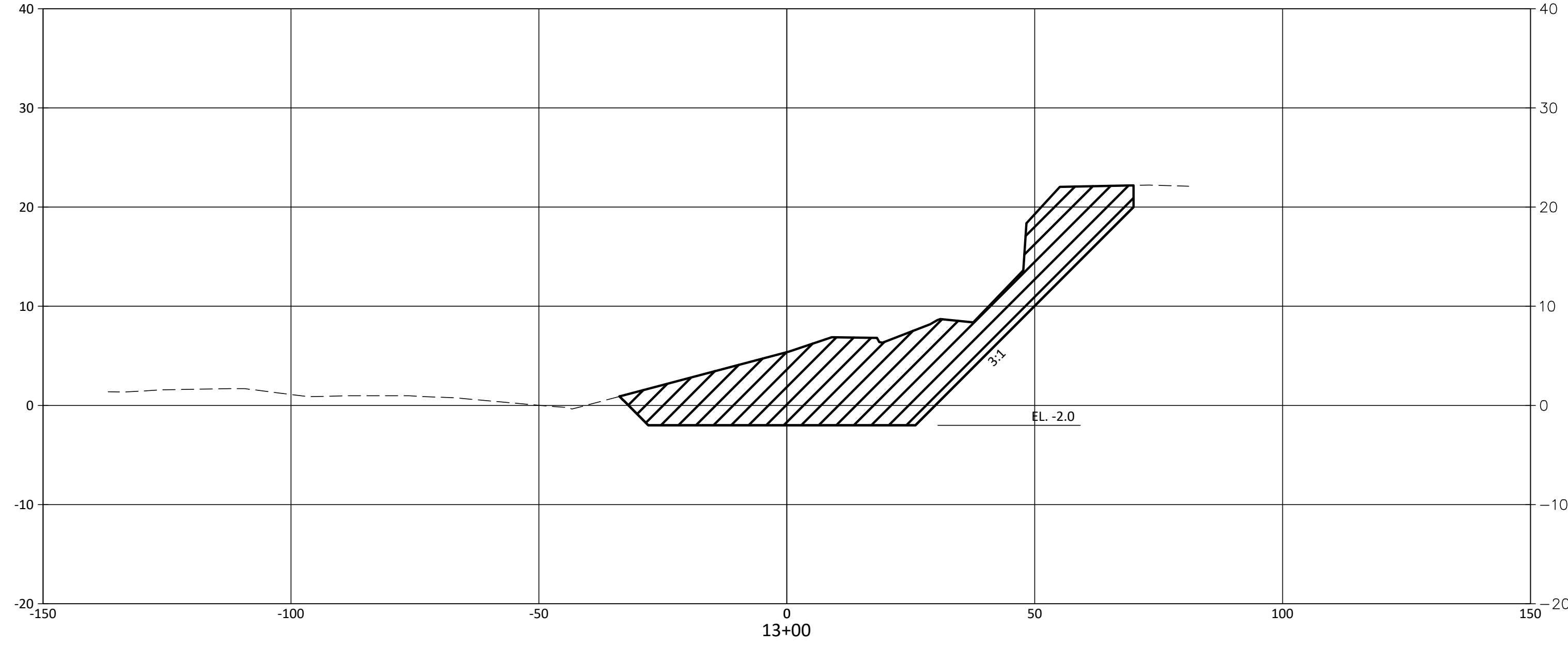
PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
STP PROJECT NO. DV21000097

SECTIONS 10+00 & 11+00

NO.	DATE	REVISIONS	APP'D



SHEET NO.
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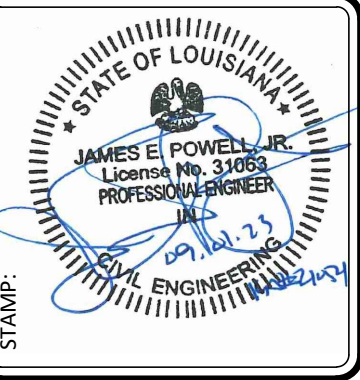


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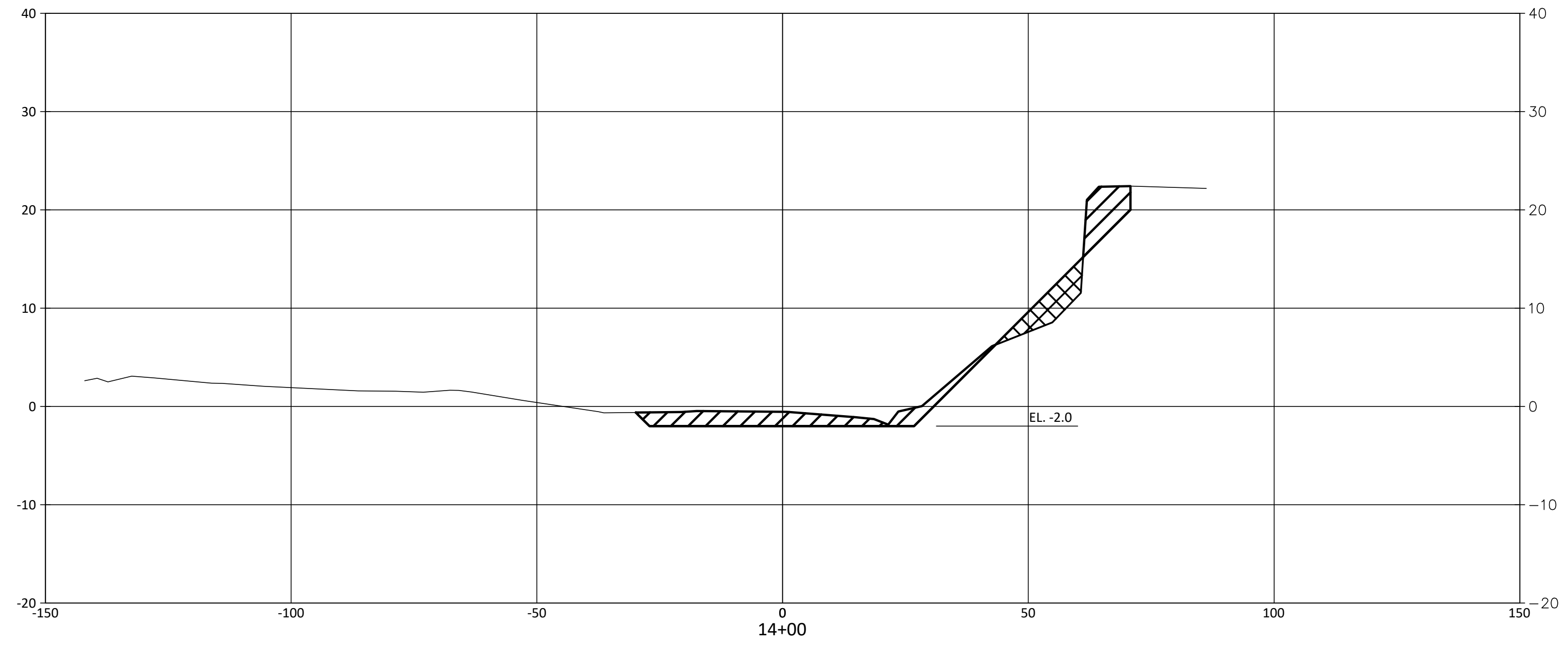
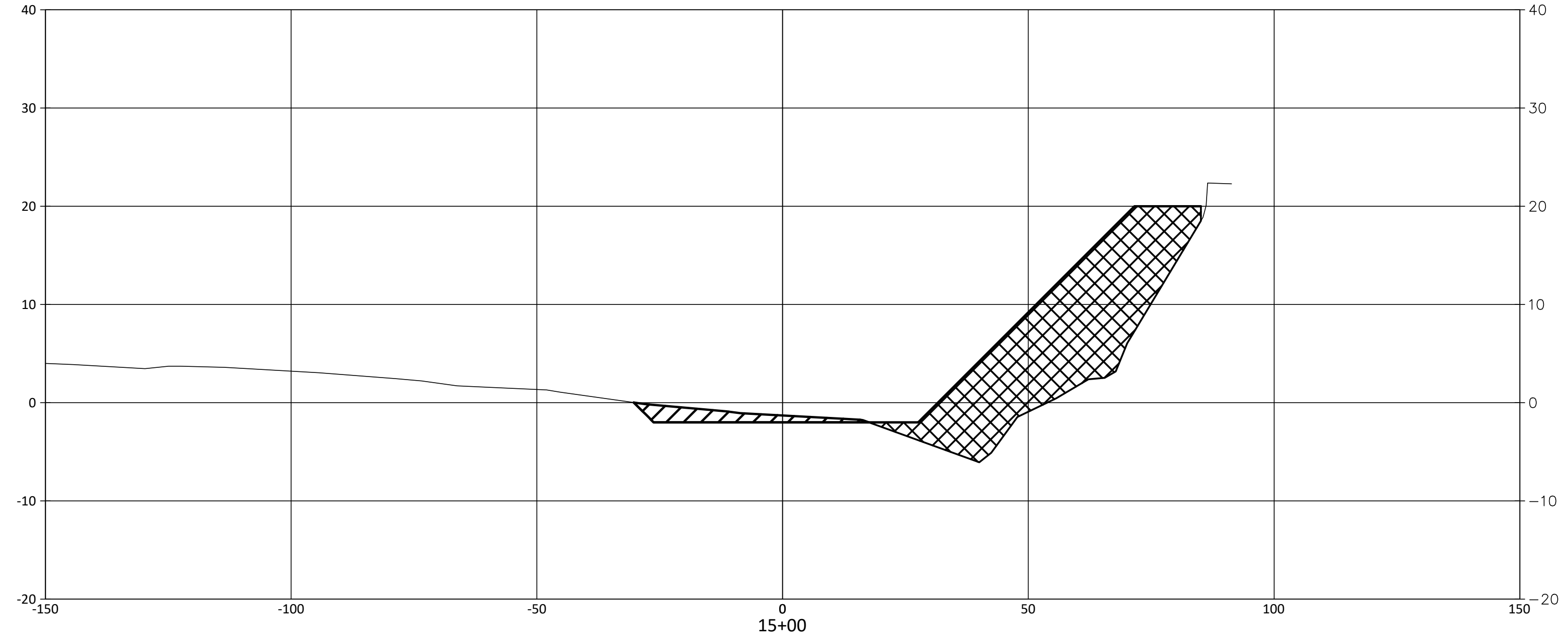
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PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
STP PROJECT NO. DV21000097
SECTIONS 12+00 & 13+00

NO.	DATE	REVISIONS	APP'D



SHEET NO.
C8.0

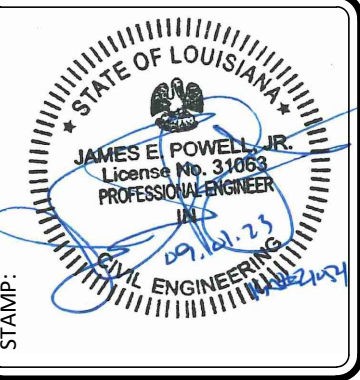


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PEARL RIVER DIVERSION CANAL RESTORATION
ST TAMMANY PARISH GOVERNMENT
STP PROJECT NO. DV21000097
SECTIONS 14+00 & 15+00

NO.	DATE	REVISIONS	APP'D



SHEET NO.
C9.0

Section 15

10.0 Required Contract Provisions by Granting Agency

1. EPA
2. DOE
3. USDA
4. FEMA
5. HUD
6. FAA
7. FTA
8. DOI (GOMESA)

NOTE: The Department where the grant originated is responsible for determining if the granting agency has any additional required clauses specific to any particular grant OR if extended provisions are required. The clauses below effect the most basic compliance with the CFR's for many, but not all, grant programs. Many agencies have additional clauses that are not listed here.

Environmental Protection Agency (EPA)
40 CFR 31.36

1. Equal Employment Opportunity

The Contractor agrees to comply with Executive Order 11246 of September 24, 1965 entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Chapter 60).

2. Copeland Anti-Kickback Act

The Contractor agrees to comply with the Copeland “Anti-Kickback” Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). These regulations are herein incorporated by reference in this contract.

3. Davis Bacon and Related Acts

The Contractor agrees to comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

4. Contract Work Hours and Safety Standards Act

The Contractor agrees to comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

5. Rights to Inventions, Copyrights, and Rights in Data

The Contractor agrees to comply with requirements and regulations pertaining to copyrights and rights in data.

6. Records Access and Retention

The Contractor agrees to grant access by Parish, the State, Federal agencies, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

The Contractor agrees to retain all required records for three (3) years after final payments have been made and/or all other pending matters are closed.

7. Debarment and Suspension

The Contractor is prohibited from awarding any subcontract expected to equal or exceed \$25,000 to persons (individuals or organizations) listed on the Excluded Parties List System (EPLS) which is available at www.epls.gov.

8. Energy and Environmental Conservation

The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871). [53 FR 8045, 8087, Mar. 11, 1998, as amended at 60 FR 19639, 19641, Apr. 19, 1995; 61 FR 7166, Feb. 26, 1996]. These regulations are herein incorporated by reference in this contract.

9. Byrd Anti-Lobbying Amendment

The Contractor agrees to comply with the requirements of the Byrd Anti-Lobbying Amendment. The Contractor certifies that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 1 U.S.C. 1352. The Contractor shall disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award.

10. Reporting

The Contractor agrees to comply with all Federal, State, and Parish requirements and regulations pertaining to reporting on projects receiving Federal, State, or Parish funding.

11. Clean Air and Water Acts

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15). These regulations are herein incorporated by reference in this contract.

12. Legal Remedies

Contracts must include administrative, contractual, and legal remedies for use in cases in which contractors violate or breach contract terms. The contract must also make clear the remedial actions which you may take.

13. Termination

Contracts in excess of \$10,000 must explain the conditions under which you may terminate them for cause or for your convenience, including the process for bringing about the termination and the basis for settlement.

More information regarding the above provisions can be found on the common drive at the following location:

Y:\Federal Programs Common\FED PROCUREMENT DOCTS\Components\EPA

Department of Energy (DOE)
7 CFR 600.236

1. Equal Employment Opportunity

The Contractor agrees to comply with Executive Order 11246 of September 24, 1965 entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Chapter 60).

2. Copeland Anti-Kickback Act

The Contractor agrees to comply with the Copeland “Anti-Kickback” Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). These regulations are herein incorporated by reference in this contract.

3. Davis Bacon and Related Acts

The Contractor agrees to comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

4. Contract Work Hours and Safety Standards Act

The Contractor agrees to comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

5. Rights to Inventions, Copyrights, and Rights in Data

The Contractor agrees to comply with requirements and regulations pertaining to copyrights and rights in data.

6. Records Access and Retention

The Contractor agrees to grant access by Parish, the State, Federal agencies, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

The Contractor agrees to retain all required records for three (3) years after final payments have been made and/or all other pending matters are closed.

7. Debarment and Suspension

The Contractor is prohibited from awarding any subcontract expected to equal or exceed \$25,000 to persons (individuals or organizations) listed on the Excluded Parties List System (EPLS) which is available at www.epls.gov.

8. Energy and Environmental Conservation

The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871). [53 FR 8045, 8087, Mar. 11, 1998, as amended at 60 FR 19639, 19641, Apr. 19, 1995; 61 FR 7166, Feb. 26, 1996]. These regulations are herein incorporated by reference in this contract.

9. Byrd Anti-Lobbying Amendment

The Contractor agrees to comply with the requirements of the Byrd Anti-Lobbying Amendment. The Contractor certifies that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 1 U.S.C. 1352. The Contractor shall disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award.

10. Reporting

The Contractor agrees to comply with all Federal, State, and Parish requirements and regulations pertaining to reporting on projects receiving Federal, State, or Parish funding.

11. Clean Air and Water Acts

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15). These regulations are herein incorporated by reference in this contract.

12. Legal Remedies

Contracts must include administrative, contractual, and legal remedies for use in cases in which contractors violate or breach contract terms. The contract must also make clear the remedial actions which you may take.

13. Termination

Contracts in excess of \$10,000 must explain the conditions under which you may terminate them for cause or for your convenience, including the process for bringing about the termination and the basis for settlement.

More information regarding the above provisions can be found on the common drive at the following location:

Y:\Federal Programs Common\FED PROCUREMENT DOCTS\Components\DOE

United States Department of Agriculture (USDA)
10 CFR 3016.36

1. Equal Employment Opportunity

The Contractor agrees to comply with Executive Order 11246 of September 24, 1965 entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Chapter 60).

2. Copeland Anti-Kickback Act

The Contractor agrees to comply with the Copeland “Anti-Kickback” Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). These regulations are herein incorporated by reference in this contract.

3. Davis Bacon and Related Acts

The Contractor agrees to comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

4. Contract Work Hours and Safety Standards Act

The Contractor agrees to comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

5. Rights to Inventions, Copyrights, and Rights in Data

The Contractor agrees to comply with requirements and regulations pertaining to copyrights and rights in data.

6. Records Access and Retention

The Contractor agrees to grant access by Parish, the State, Federal agencies, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

The Contractor agrees to retain all required records for three (3) years after final payments have been made and/or all other pending matters are closed.

7. Debarment and Suspension

The Contractor is prohibited from awarding any subcontract expected to equal or exceed \$25,000 to persons (individuals or organizations) listed on the Excluded Parties List System (EPLS) which is available at www.epls.gov.

8. Energy and Environmental Conservation

The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871). [53 FR 8045, 8087, Mar. 11, 1998, as amended at 60 FR 19639, 19641, Apr. 19, 1995; 61 FR 7166, Feb. 26, 1996]. These regulations are herein incorporated by reference in this contract.

9. Reporting

The Contractor agrees to comply with all Federal, State, and Parish requirements and regulations pertaining to reporting on projects receiving Federal, State, or Parish funding.

10. Clean Air and Water Acts

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15). These regulations are herein incorporated by reference in this contract.

11. Legal Remedies

Contracts must include administrative, contractual, and legal remedies for use in cases in which contractors violate or breach contract terms. The contract must also make clear the remedial actions which you may take.

12. Termination

Contracts in excess of \$10,000 must explain the conditions under which you may terminate them for cause or for your convenience, including the process for bringing about the termination and the basis for settlement.

More information regarding the above provisions can be found on the common drive at the following location:

Y:\Federal Programs Common\FED PROCUREMENT DOCTS\Components\USDA

Federal Emergency Management Agency (FEMA)
44 CFR 13.36

1. Equal Employment Opportunity

The Contractor agrees to comply with Executive Order 11246 of September 24, 1965 entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Chapter 60).

2. Copeland Anti-Kickback Act

The Contractor agrees to comply with the Copeland “Anti-Kickback” Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). These regulations are herein incorporated by reference in this contract.

3. Davis Bacon and Related Acts

The Contractor agrees to comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

4. Contract Work Hours and Safety Standards Act

The Contractor agrees to comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

5. Rights to Inventions, Copyrights, and Rights in Data

The Contractor agrees to comply with requirements and regulations pertaining to copyrights and rights in data.

6. Records Access and Retention

The Contractor agrees to grant access by Parish, the State, Federal agencies, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

The Contractor agrees to retain all required records for three (3) years after final payments have been made and/or all other pending matters are closed.

7. Debarment and Suspension

The Contractor is prohibited from awarding any subcontract expected to equal or exceed \$25,000 to persons (individuals or organizations) listed on the Excluded Parties List System (EPLS) which is available at www.epls.gov.

8. Energy and Environmental Conservation

The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871). [53 FR 8045, 8087, Mar. 11, 1998, as amended at 60 FR 19639, 19641, Apr. 19, 1995; 61 FR 7166, Feb. 26, 1996]. These regulations are herein incorporated by reference in this contract.

9. Reporting

The Contractor agrees to comply with all Federal, State, and Parish requirements and regulations pertaining to reporting on projects receiving Federal, State, or Parish funding.

10. Clean Air and Water Acts

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15). These regulations are herein incorporated by reference in this contract.

11. Legal Remedies

Contracts must include administrative, contractual, and legal remedies for use in cases in which contractors violate or breach contract terms. The contract must also make clear the remedial actions which you may take.

12. Termination

Contracts in excess of \$10,000 must explain the conditions under which you may terminate them for cause or for your convenience, including the process for bringing about the termination and the basis for settlement.

13. Release of Funds

The Contractor agrees that no award, or execution of contract, or Notice to Proceed, will occur until a Release of Funds is issued by HUD for CDBG-DR Disaster Recovery funds.

14. Section 3

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (section 3).

Housing and Urban Development (HUD)
24 CFR 85.36

1. Equal Employment Opportunity

The Contractor agrees to comply with Executive Order 11246 of September 24, 1965 entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Chapter 60).

2. Copeland Anti-Kickback Act

The Contractor agrees to comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). These regulations are herein incorporated by reference in this contract.

3. Davis Bacon and Related Acts

The Contractor agrees to comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

4. Contract Work Hours and Safety Standards Act

The Contractor agrees to comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

5. Rights to Inventions, Copyrights, and Rights in Data

The Contractor agrees to comply with requirements and regulations pertaining to copyrights and rights in data.

6. Records Access and Retention

The Contractor agrees to grant access by Parish, the State, Federal agencies, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

The Contractor agrees to retain all required records for three (3) years after final payments have been made and/or all other pending matters are closed.

7. Debarment and Suspension

The Contractor is prohibited from awarding any subcontract expected to equal or exceed \$25,000 to

persons (individuals or organizations) listed on the Excluded Parties List System (EPLS) which is available at www.epls.gov.

8. Energy and Environmental Conservation

The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871). [53 FR 8045, 8087, Mar. 11, 1998, as amended at 60 FR 19639, 19641, Apr. 19, 1995; 61 FR 7166, Feb. 26, 1996]. These regulations are herein incorporated by reference in this contract.

9. Reporting

The Contractor agrees to comply with all Federal, State, and Parish requirements and regulations pertaining to reporting on projects receiving Federal, State, or Parish funding.

10. Clean Air and Water Acts

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15). These regulations are herein incorporated by reference in this contract.

11. Legal Remedies

Contracts must include administrative, contractual, and legal remedies for use in cases in which contractors violate or breach contract terms. The contract must also make clear the remedial actions which you may take.

12. Termination

Contracts in excess of \$10,000 must explain the conditions under which you may terminate them for cause or for your convenience, including the process for bringing about the termination and the basis for settlement.

More information regarding the above provisions can be found on the common drive at the following location:

Y:\Federal Programs Common\FED PROCUREMENT DOCTS\Components\HUD

Federal Aviation Administration (FAA)
49 CFR 18.36

1. Equal Employment Opportunity

The Contractor agrees to comply with Executive Order 11246 of September 24, 1965 entitled "Equal Employment Opportunity," as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Chapter 60).

2. Copeland Anti-Kickback Act

The Contractor agrees to comply with the Copeland "Anti-Kickback" Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). These regulations are herein incorporated by reference in this contract.

3. Davis Bacon and Related Acts

The Contractor agrees to comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

4. Contract Work Hours and Safety Standards Act

The Contractor agrees to comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

5. Rights to Inventions, Copyrights, and Rights in Data

The Contractor agrees to comply with requirements and regulations pertaining to copyrights and rights in data.

6. Records Access and Retention

The Contractor agrees to grant access by Parish, the State, Federal agencies, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

The Contractor agrees to retain all required records for three (3) years after final payments have been made and/or all other pending matters are closed.

7. Debarment and Suspension

The Contractor is prohibited from awarding any subcontract expected to equal or exceed \$25,000 to

persons (individuals or organizations) listed on the Excluded Parties List System (EPLS) which is available at www.epls.gov.

8. Energy and Environmental Conservation

The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871). [53 FR 8045, 8087, Mar. 11, 1998, as amended at 60 FR 19639, 19641, Apr. 19, 1995; 61 FR 7166, Feb. 26, 1996]. These regulations are herein incorporated by reference in this contract.

9. Reporting

The Contractor agrees to comply with all Federal, State, and Parish requirements and regulations pertaining to reporting on projects receiving Federal, State, or Parish funding.

10. Clean Air and Water Acts

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15). These regulations are herein incorporated by reference in this contract.

11. UMT Act

The Contractor agrees to comply with Section 3(a)(2)(C) of the UMT Act of 1964, as amended, which prohibits the use of grant or loan funds to support procurements utilizing exclusionary or discriminatory specifications.

12. Cargo Preferences

The Contractor agrees to comply with 46 U.S.C. 1241(b)(1) and 46 CFR part 381 which imposes cargo preference requirements on the shipment of foreign made goods.

13. Buy American

The Contractor agrees to comply with Section 165 of the Surface Transportation Assistance Act of 1992, 49 U.S.C. 1601, section 337 of the Surface Transportation and Uniform Relocation Assistance Act of 1987, and 49 CFR parts 660 and 661 impose Buy America provisions on the procurement of foreign products and materials.

14. Disadvantaged Business Enterprises

The Contractor agrees to comply with Section 105(f) of the Surface Transportation Assistance Act of 1992, section 106(c) of the Surface Transportation and Uniform Relocation Assistance Act of 1987, and 49 CFR part 23 which imposes requirements for the participation of disadvantaged business enterprises.

15. Qualifications-Based Contracts

FAA grantees and subgrantees shall extend the use of qualifications-based contract selection procedures to certain other related areas and shall award such contracts in the same manner as Federal contracts for

architectural and engineering services are negotiated under Title IX of the Federal Property and Administrative Services Act of 1949, or equivalent State (or airport sponsor for FAA) qualifications-based requirements.

16. Legal Remedies

Contracts must include administrative, contractual, and legal remedies for use in cases in which contractors violate or breach contract terms. The contract must also make clear the remedial actions which you may take.

17. Termination

Contracts in excess of \$10,000 must explain the conditions under which you may terminate them for cause or for your convenience, including the process for bringing about the termination and the basis for settlement.

More information regarding the above provisions can be found on the common drive at the following location:

Y:\Federal Programs Common\FED PROCUREMENT DOCTS\Components\FAA

Federal Transit Administration (FTA)

1. Fly America Requirements

49 U.S.C. 40118 and 41 CFR Part 301 - 10

2. Buy America Requirements

49 U.S.C. 5323(j) and 49 CFR Part 661

3. Charter Bus and School Bus Requirements

49 U.S.C. 5323(d) and 49 CFR Part 604, 49 U.S.C. 5323(F) and 49 CFR Part 605

4. Cargo Preference Requirements

46 U.S.C. 1241, 46 CFR Part 381

5. Seismic Safety Requirements

42 U.S.C. 7701 et seq. 49 and CFR Part 41

6. Energy Conservation Requirements

42 U.S.C. 6321 et seq. and 49 CFR Part 18

7. Clean Water Requirements

33 U.S.C. 1251

8. Bus Testing

49 U.S.C. 5318(e)

49 CFR Part 665

9. Pre-Award and Post Delivery Audit Requirements

49 U.S.C. 5323 and 49 CFR Part 663

10. Lobbying

31 U.S.C. 1352 and 49 CFR Parts 19 and 20

11. Access to Records and Reports

49 U.S.C. 5325 and 18 CFR 18.36(i) and 49 CFR 633.17

12. Federal Changes

49 CFR Part 18

13. Bonding Requirements

14. Clean Air

42 U.S.C. 7401 et seq. and 40 CFR 15.61 and 49 CFR Part 18

15. Recycled Products

42 U.S.C. 6962 and 40 CFR Part 247 and Executive Order 12873

16. Davis-Bacon and Copeland Anti-Kickback Acts

17. Contract Work Hours and Safety Standards Act

18. Reserved

19. No Government Obligation to Third Parties

20. Program Fraud and False of Fraudulent Statements and Related Acts.

31 U.S.C. 3801 et seq. and 49 CFR Part 31 18 U.S.C. 1001 and 49 U.S.C. 5307

21. Termination

49 U.S.C. Part 18 and FTA Circular 4220.1E

22. Government-Wide Debarment and Suspension (Non-procurement)

49 CFR Part 29 and Executive Order 12549

23. Privacy Act

5 U.S.C. 552

24. Civil Rights Requirements

29 U.S.C. 623, 42 U.S.C. 2000, 42 U.S.C. 6102, 42 U.S.C. 12112, 42 U.S.C. 12132, 49 U.S.C. 5332, 29 CFR Part 1630 and 41 CFR Parts 60 et seq.

25. Breaches and Dispute Resolution

49 CFR Part 18, FTA Circular 4220.1E

26. Patent and Rights Data

37 CFR Part 401 and 49 CFR Parts 18 and 19

27. Transit Employee Protective Agreements

49 U.S.C. 5310, 5311, and 5333, 29 CFR Part 215

28. Disadvantaged Business Enterprises (DBE)

49 CFR Part 26

29. Reserved

30. Incorporation of Federal Transit Administration (FTA) Terms

FTA Circular 4220.1E

31. Drug and Alcohol Testing

49 U.S.C. 5331 and 49 CFR Parts 653 and 654

A detailed guide regarding the above provisions can be found on the common drive at the following location:

Y:\Federal Programs Common\FED PROCUREMENT DOCTS\Components\FTA

Department of the Interior (DOI) (GOMESA) 30 CFR 1219.410

1. Equal Employment Opportunity

The Contractor agrees to comply with Executive Order 11246 of September 24, 1965 entitled “Equal Employment Opportunity,” as amended by Executive Order 11375 of October 13, 1967, and as supplemented in Department of Labor regulations (41 CFR Chapter 60).

2. Copeland Anti-Kickback Act

The Contractor agrees to comply with the Copeland “Anti-Kickback” Act (18 U.S.C. 874) as supplemented in Department of Labor regulations (29 CFR Part 3). These regulations are herein incorporated by reference in this contract.

3. Davis Bacon and Related Acts

The Contractor agrees to comply with the Davis-Bacon Act (40 U.S.C. 276a to 276a-7) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

4. Contract Work Hours and Safety Standards Act

The Contractor agrees to comply with Sections 103 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-330) as supplemented by Department of Labor regulations (29 CFR Part 5). These regulations are herein incorporated by reference in this contract.

5. Rights to Inventions, Copyrights, and Rights in Data

The Contractor agrees to comply with requirements and regulations pertaining to copyrights and rights in data.

6. Records Access and Retention

The Contractor agrees to grant access by Parish, the State, Federal agencies, the Comptroller General of the United States, or any of their duly authorized representatives to any books, documents, papers, and records of the contractor which are directly pertinent to that specific contract for the purpose of making audit, examination, excerpts, and transcriptions.

The Contractor agrees to retain all required records for three (3) years after final payments have been

made and/or all other pending matters are closed.

7. Debarment and Suspension

The Contractor is prohibited from awarding any subcontract expected to equal or exceed \$25,000 to persons (individuals or organizations) listed on the Excluded Parties List System (EPLS) which is available at www.epls.gov.

8. Energy and Environmental Conservation

The Contractor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (Pub. L. 94-163, 89 Stat. 871). [53 FR 8045, 8087, Mar. 11, 1998, as amended at 60 FR 19639, 19641, Apr. 19, 1995; 61 FR 7166, Feb. 26, 1996]. These regulations are herein incorporated by reference in this contract.

9. Reporting

The Contractor agrees to comply with all Federal, State, and Parish requirements and regulations pertaining to reporting on projects receiving Federal, State, or Parish funding.

10. Clean Air and Water Acts

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under section 306 of the Clean Air Act (42 U.S.C. 1857(h)), section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and Environmental Protection Agency regulations (40 CFR Part 15). These regulations are herein incorporated by reference in this contract.

11. Legal Remedies

Contracts must include administrative, contractual, and legal remedies for use in cases in which contractors violate or breach contract terms. The contract must also make clear the remedial actions which you may take.

12. Termination

Contracts in excess of \$10,000 must explain the conditions under which you may terminate them for cause or for your convenience, including the process for bringing about the termination and the basis for settlement.

13. Release of Funds

The Contractor agrees that no award, or execution of contract, or Notice to Proceed, will occur until a Release of Funds is issued by HUD for CDBG-DR Disaster Recovery funds.

14. Section 3

The Contractor agrees to comply with all applicable standards, orders, or requirements issued under Section 3 of the Housing and Urban Development Act of 1968, as amended, 12 U.S.C. 1701u (section 3).