

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE W912P8-06-R-0055	PAGE OF PAGES 1 21
2. AMENDMENT/MODIFICATION NO. 0001	3. EFFECTIVE DATE 18-Nov-2005	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)
6. ISSUED BY USACE, CONTRACTING DIVISION ATTN: CEMVN-CT, ROOM 172 7400 LEAKE AVE. NEW ORLEANS LA 70118-3651	CODE W912P8	7. ADMINISTERED BY (If other than item 6) USACE, CONTRACTING DIVISION P. O. BOX 60267 NEW ORLEANS LA 70160-0267		CODE W912P8
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. W912P8-06-R-0055
			X	9B. DATED (SEE ITEM 11) 16-Nov-2005
				10A. MOD. OF CONTRACT/ORDER NO.
				10B. DATED (SEE ITEM 13)
CODE	FACILITY CODE	11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS		
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.				
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).				
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:				
D. OTHER (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The above numbered solicitation for New Orleans to Venice Hurricane Protection Levees Buras Levee District Emergency Levee Repairs Fort Jackson to Venice (B/L Sta. 1319+00 to B/L Sta. 1797+40) Plaquemines Parish, LA, is hereby modified as follows: PROPOSAL DUE DATE AND TIME REMAINS UNCHANGED See attached pages for additional changes which includes Sections 02320, 02731, Davis Bacon Wage Rates, and Revised drawing				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)		
		TEL: _____ EMAIL: _____		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED
_____ (Signature of person authorized to sign)		BY _____ (Signature of Contracting Officer)		18-Nov-2005

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

SUMMARY OF CHANGES

SECTION 00010 - SOLICITATION CONTRACT FORM

The Issued By organization has changed from
USACE, CONTRACTING DIVISION
ATTN: CEMVN-CT, RM 172
7400 LEAKE AVE.
NEW ORLEANS LA 70118
to
USACE, CONTRACTING DIVISION
ATTN: CEMVN-CT, ROOM 172
7400 LEAKE AVE.
NEW ORLEANS LA 70118-3651

(End of Summary of Changes)

The following items are applicable to this modification:

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SECTION 02320

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SECTION 02320 - STRUCTURAL BACKFILL

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PART 2 PRODUCTS

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2.2 EQUIPMENT

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PART 3 EXECUTION

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3.1 STRUCTURAL BACKFILL

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3.1.1 General

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3.1.2 Structural Backfill

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3.1.3 Placing and Compacting Structural Backfill

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3.2 UNSUITABLE MATERIALS

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3.3 FROZEN MATERIALS

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3.4 DRESSING

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SECTION 02320 - STRUCTURAL BACKFILL
(Mar 2001)

PART 1 GENERAL

1.1 SCOPE

The work covered by this section consists of furnishing all plant, labor, materials, equipment, and performing all operations necessary for structural backfill as shown in the areas around levee pipeline crossings, and all other incidental work specified herein or as shown on the drawings.

1.2 MEASUREMENT

Structural backfill will be measured for payment by the cubic yard, and quantities will be determined by the average end area method. The basis for the measurement will be cross sections of the areas to be filled taken after clearing and vegetation removal operations and the theoretical design cross sections of the completed levee constructed within the specified tolerance. Embankment not constructed to design grade and section including allowable tolerance as indicated on the Contractor's compliance survey will not be accepted. There will be no measurement or payment for compaction, testing, or other incidental items as described in this Section.

(1) The basis for measurement of fill placed by reason of soft material in the foundation being forced outward from the section will be a survey of the area taken prior to the filling operations and a second survey of the same area after completion of the filling operations.

1.3 PAYMENT

Payment for all structural backfill material placed as required, including additional material by reason of soft material in the foundation being forced outward from the section during construction, will be made at the contract unit price per cubic yard for "Structural Backfill". Price and payment shall constitute full compensation for furnishing all plant, labor, equipment and material, except earth material, and performing all operations necessary for excavation, foundation preparation, placing and compacting the material, and moisture control.

1.4 REFERENCES

The following publications of the issues listed below, but referred to before and thereafter by the basic designation only, form a part of this specification to the extent indicated by the references thereto:

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) STANDARD.

ASTM D 422 – 63 (1998)

Particle – Size Analysis of Soils

ASTM D 698 (2000ael) Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/cu. ft. (600 kN-m/cu. m.))

U.S. ARMY CORPS OF ENGINEERS ENGINEER MANUAL.

EM 110-2-1906 (Nov 70 with change 1 May 1980) Laboratory Soils Testing

1.5 QUALITY CONTROL

The Contractor shall establish and maintain quality control for fill operations to assure compliance with contract requirements and maintain records of his quality control for all construction operations including but not limited to the following:

- (1) Equipment. Type, size, and suitability for construction of the prescribed work.
- (2) Structural Backfill. Check grade, slopes, and dimensions for compliance with design sections.
- (3) Grade Tolerances. Check fills to determine if placement conforms to prescribed grade and design section.
- (4) Construction. Layout, maintaining existing drainage, moisture control, thickness of layers, spreading and compacting.
- (5) Classification of soils, placing and compacting of structural fill, and density tests.
- (6) Control Testing.

The Contractor shall perform all control testing such as density measurements. No separate measurement and payment will be made for control testing required in this paragraph. The Contractor shall include any and all costs for control testing in the contract prices for items of work to which the work is incidental thereto.

1.5.1 Reporting

The original and two copies of these records of inspections and tests, as well as the records of corrective action taken, shall be furnished the Government daily. Format of the report shall be as prescribed in Section 01451, "CONTRACTOR QUALITY CONTROL".

PART 2 PRODUCTS

2.1 MATERIALS

2.1.1 Structural Backfill Material

Structural backfill material shall be clay type material excavated from the borrow pit specified for this contract.

2.2 EQUIPMENT

Equipment for compaction shall conform to the requirements herein and the applicable requirements of Section 02332.

2.2.1 Hand Tampers

Hand tamping shall be used in the compaction of structural fill as shown in the areas around levee pipeline crossings and near floodwalls and structures where vehicular equipment cannot be used. These hand tampers should be power driven, hand operated type.

2.2.2 Alternative Compaction Equipment

The Contractor may propose for use alternative types of compaction equipment not included in these specifications. The suitability of the alternative equipment must be demonstrated to the Contracting Officer by a field test conducted by and at the expense of the Contractor. The alternative compaction equipment must be capable of properly compacting the soil so that no planes of weakness or laminations are formed in the fill. Additionally, the alternative compaction equipment must not detrimentally affect any adjacent structure. The field test shall consist of compacting a minimum of three layers of an area of embankment with the alternative type equipment.

2.2.3 Miscellaneous Equipment

Scarifiers, disks, spring-tooth or spike-tooth harrows, spreaders, power tampers and other equipment shall be of types suitable for the required construction. Sprinkling equipment shall be designed to apply water uniformly and in controlled quantities to variable widths of surface.

PART 3 EXECUTION

3.1 STRUCTURAL BACKFILL

3.1.1 General

The Contractor shall excavate required fill from the borrow pit specified in this contract. Structural backfill material shall conform to the requirements cited in Section 02332. Suitable material from the borrow pit excavation shall be used in the structural backfill. Materials determined to be unsuitable by the Contracting Officer shall be ordered wasted.

3.1.2 Structural Backfill

Structural backfill is defined as clay soil material, which is placed as shown in the areas around levee pipeline crossings to the final grade as indicated on the drawings, and as herein specified.

3.1.3 Placing and Compacting Structural Backfill

Structural backfill shall be placed in 6 inch layers. When the moisture content and conditions of the spread layers are in conformance with Section 02332, each layer shall be compacted by hand tamper or other approved equipment cited in 2.2 above. Compact material to 95 percent of ASTM D 698 maximum density.

3.2 UNSUITABLE MATERIALS

Materials, which are classified as unsuitable structural backfill, are defined as material containing organic matter, sticks, branches, roots, brick, concrete, rock, and other debris.

3.3 FROZEN MATERIALS

Under no circumstances shall frozen earth, snow or ice be placed in the fill. The Contracting Officer may require the wasting of frozen material.

3.4 DRESSING

The fill shall be brought to not less than the prescribed design cross section at all points. Unreasonable roughness of surface shall be dressed out to permit fertilizing, seeding, and mulching operations.

SECTION 02731

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3.6 HAUL ROADS

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SECTION 02731 - SURFACING

PART 1 GENERAL

1.1 SCOPE

The work covered by this section consists of furnishing all plant, labor and materials and performing all work necessary to construct and maintain surfacing for the levee crown road and ramps.

1.2 REFERENCES

The following publications form a part of this specification to the extent indicated by the references thereto.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM C 29	(1997) Unit Weight and Voids in Aggregate
ASTM C 88	(1999a) Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate
ASTM C 117	(2004) Materials Finer Than 75 micrometer (No. 200) Sieve in Mineral Aggregates by Washing
ASTM C 131	(2003) Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine
ASTM C 136	(2001) Sieve Analysis of Fine and Coarse Aggregates
ASTM D 75	(2003) Sampling Aggregates
ASTM D 1556	(2000) Density and Unit Weight of Soil in Place by the Sand-Cone Method
ASTM D 1557	(2000) Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/cu. ft. (2,700 kN-m/cu.m.))
ASTM D 2487	(2000) Classification of Soils for Engineering Purposes (Unified Soil Classification System)
ASTM D 2922	(2004) Density of Soil and Soil-Aggregate in Place by Nuclear Methods (Shallow Depth)
ASTM D 3017	(2001) Water Content of Soil and Rock in Place by

Nuclear Methods (Shallow Depth)

ASTM D 4318	(2000) Liquid Limit, Plastic Limit, and Plasticity Index of Soils
ASTM E 11	(2001) Wire-Cloth Sieves for Testing Purposes
ASTM E 329	(2005) Agencies Engaged in the Testing and/or Inspection of Materials Used in Construction

1.3 MEASUREMENT

1.3.1 Reserved

1.3.2 Levee Crown Road and Ramps

Surfacing required for the levee crown road and ramps, including their maintenance with the limitations specified in paragraph 3.5, shall be measured by the cubic yard satisfactorily placed.

1.3.2.1 Barge Delivery

If delivery is made by barge and material is put in final placement directly from the barge, then volume shall be determined by on-deck measurement. In the event that material is piled in such form as to make on-deck measurement impossible or unduly difficult, the Contractor shall reshape the load into suitable form before measurement. If the material is not put in final placement directly from the barge, on-deck measurement will not be made. When materials are stockpiled and vehicle loaded prior to final placement, measurement will be made in accordance with paragraph 1.3.2.2, "Vehicle Delivery".

1.3.2.2 Vehicle Delivery

Measurement will be made by the cubic yard in approved vehicles at the site of the work. Allowance will not be made for wastage or shrinkage during transportation from car or other point of loading. Approved vehicles for this purpose may be of any type acceptable to the Contracting Officer. The body shall be that of any shape that the actual delivered contents may be readily and accurately determined and will remain constant. Unless all approved vehicles for the work are of uniform capacity, each vehicle must bear a plainly legible identification mark indicating its approved capacity. The Government may reject all loads hauled in non-approved vehicles. Upon delivery of each load at the jobsite and prior to the Contractor's measurement of each load, the Contractor shall "level-off" each load within the approved vehicles so that an accurate measurement of each load can be made. After leveling off the load, the Contractor's Quality Control personnel shall measure each load at the site of work. The Government will inspect each load, check its yardage and witness the Contractor's measurement of each load.

1.3.2.3 Conversion from Tons to Cubic Yards

In lieu of vehicle delivery outlined above, the Contractor may use weights and a conversion factor to determine the cubic yard quantity of each vehicle. If this method is used the following procedures will be followed:

- (1) Using a vehicle where the volume capacity can easily be determined (a simple box bed with no obstructions in the bed), the vehicle is filled to capacity and the load leveled off.
- (2) The weight of material in the vehicle is determined using certified scales.
- (3) The vehicle is either driven to the site or a minimum of 10 miles if the vehicle is not actually used to deliver material to the site.
- (4) The volume of the material is then determined using the method outlined in the paragraph 1.3.2.2.
- (5) Using the weight of material in this test vehicle and the computed volume of material a factor to convert from tons to cubic yards is determined.

This conversion factor will be used to determine cubic yard quantities for material hauled from the same site with weights determined using certified scales. The above procedures will be repeated for every 1,000 cubic yards of material delivered from the same site. The procedure for determining the conversion factor shall be witnessed by the Government.

1.4 PAYMENT

1.4.1 Levee Crown Road and Ramps

Payment for the surfacing required for the levee crown road and ramps, including their maintenance with the limitations specified in paragraph 3.5 will be made at the contract unit price per cubic yard for "Surfacing". Price and payment shall constitute full compensation for subgrade preparation; furnishing all plant, labor, equipment, and materials; placing, spreading, compacting, and maintenance as shown on the drawings and specified herein. Payment for any additional surfacing materials required to repair any damages to the finished surfacing occasioned by the Contractors construction operations will be paid for at his/her own expense.

1.5 QUALITY CONTROL

1.5.1 General

The Contractor shall inspect all materials before they are incorporated into the work for compliance with contract requirements and any material found to be defective will be rejected. All information pertaining to the inspection shall be recorded and

included in quality control reports furnished the Contracting Officer. The Contractor shall establish and maintain quality control for construction operations to assure compliance with contract requirements, and maintain records of his quality control for all construction operations. The quality control reports shall include, but not be limited to, the following:

- (1) Equipment. Type, size, and suitability for construction of the prescribed work and shall be maintained in satisfactory working condition at all times.
- (2) Submission of surfacing samples for quality testing, if from other than approved sources.
- (3) Quantity of surfacing delivered and placed each day.
- (4) Construction. Layout, maintaining existing drainage, thickness of layers, spreading and compacting.
- (5) Foundation Preparation. Surface preparation as required in advance of surfacing, and during the surfacing placement when necessary, stockpiles, and drainage of foundation.
- (6) Materials.

- (a) Sampling and Testing

Sampling and testing shall be the responsibility of the Contractor and shall be performed at no additional cost to the Government. Sampling and testing shall be performed by an approved commercial testing laboratory or by the Contractor, subject to approval. If the Contractor elects to establish its own testing facilities, approval of such facilities will be based on compliance with ASTM E 329. No work requiring testing will be permitted until the Contractor's facilities have been inspected and approved.

1. Sampling

Sampling of material shall be performed in conformance with ASTM D 75. Sampling will be observed by the COR.

2. Testing

Testing of surfacing materials shall be performed at a minimum frequency of one set of tests per 2,500 cubic yards or fraction thereof of surfacing material placed. Testing of surfacing materials shall include gradation, Atterberg limit, abrasion and soundness testing as indicated in paragraphs 2.1.1 or 2.1.2. Test performance shall be pursued in such a manner that the results are obtained in the minimum time frame. All test results shall be furnished to the

COR to confirm materials compliance with the specifications. Surfacing materials not meeting the specifications shall be removed from the site and replaced with surfacing materials meeting the specifications.

(7) Grade and Cross Section. Width, side slopes, and grades.

(8) Grade Tolerances. Check surfacing fills to determine if placement conforms to prescribed grade and cross section.

(9) Control Testing.

(a) Contractor Testing. The Contractor shall perform all control testing such as control compaction curves, and in place density. The Contractor shall perform as a minimum, the specified number of each of the tests to demonstrate compliance with contract requirements to the satisfaction of the Contracting Officer. Testing shall be performed by a Government-approved testing agency or organization. Criteria used for obtaining Government approval shall be in accordance with ASTM E 329. Tests performed shall be pursued in such a manner that the results are obtained and furnished to the Government within 24 hours. No additional payment will be made for control testing required in this paragraph. All cost in connection therewith shall be included in all associated bid items requiring density testing. The following tests are required to provide adequate control:

1. Control Compaction Curves - Compacted Fills. Control compaction curves shall be established in accordance with ASTM D1557. Two control compaction curves will be required for each type of material requiring compaction.

2. In-Place Density Tests. In-place density tests for compacted material shall be made in accordance with ASTM D1556, or ASTM D 2922, and shall be made at a frequency of a minimum of one density test per lift of material placed for the following items at the intervals or fractions thereof as stated: levee crown roads, per 500 linear feet; ramps, per each ramp. The Contractor shall conduct any additional testing as directed by the Contracting Officer to verify the required compaction. If ASTM D2922 is used, ASTM D3017 shall be used to determine the moisture content of the material. The location of the test shall be representative of the area being tested. The result of each in-place density test shall be furnished to the Government prior to placement of additional material in the area represented by the test.

(b) Government Testing. As a control, the Government will perform assurance and check tests for maximum density for all materials in accordance with ASTM D1557. If values for maximum density as determined by the Contractor and as determined by the Government do not agree, the Government will determine the values to be used. The Government will also perform check and assurance testing of the other control testing required by the Contractor.

1.5.2 Reporting

The original and two copies of these records, as well as the records of corrective action taken, shall be furnished the Government daily. Format of the report shall be as prescribed in Section 01451, "CONTRACTOR QUALITY CONTROL".

1.6 QUALITY ASSURANCE

The Contracting Officer may direct, under the Contract Clause "Inspection of Construction" (FAR 52.246-12), additional testing of surfacing furnished to the worksite if the surfacing appears, by visual inspection, to be of questionable gradation or quality. The Government will perform assurance and check tests for maximum density for all materials in accordance with ASTM D1557. If values for maximum density as determined by the Contractor and as determined by the Government do not agree, the Government will determine the values to be used. The Government will also perform check and assurance testing of the other testing required by the Contractor.

1.7 SUBMITTALS

Certified Los Angeles Abrasion, Atterberg Limit, soundness and gradation test results of surfacing material shall be submitted to the Contracting Officer's Representative (COR) for approval prior to shipment.

PART 2 PRODUCTS

2.1 SURFACING

Soundness loss shall not exceed 15 percent when subjected to 5 cycles of the magnesium sulfate soundness test in accordance with ASTM C 88. Abrasion loss shall not exceed 40 percent when tested in accordance with ASTM C 131. Surfacing material shall be one of the following:

2.1.1 Crushed Stone

Crushed stone from the sources listed in Section 01100, General Provisions entitled "STONE SOURCES" shall consist of 100% stone and shall meet the following requirements when tested in accordance with ASTM C 117 and ASTM C 136, Procedure B:

<u>U.S. Sieve</u>	<u>Percent Passing</u>
1-1/2"	100
1"	90-100
3/4"	70-100
No. 4	35-65
No. 40	12-32
No. 200	5-12

The fraction of material passing the No. 40 sieve shall conform to the following requirements when tested in accordance with ASTM D 4318:

Liquid Limit (Max.)	25
Plasticity Index (Max.)	4

Crushed stone shall meet the testing requirements of Paragraph 2.1.

2.1.2 Recycled Portland Cement Concrete

Recycled Portland cement concrete shall consist of 100 percent crushed portland cement concrete and will be permitted in combination with other approved stone for surface course. This material or a combination thereof shall conform to the gradation requirements as specified in paragraph 2.1.1. Recycled portland cement concrete shall meet the testing requirements of Paragraph 2.1.

PART 3 EXECUTION

3.1 BASE PREPARATION

Prior to placement of the surfacing as indicated on the drawings, all debris shall be removed from the area to receive the surfacing. The surface of the underlying subgrade shall meet specified compaction and surface tolerances. Ruts, or soft yielding spots, in the underlying subgrade areas having inadequate compaction, and deviations of the surface from the specified requirements, shall be corrected by loosening and removing soft or unsatisfactory material and by adding approved material, reshaping to line and grade, and recompacting to specified density requirements. The finished underlying course shall not be disturbed by traffic or other operations and shall be maintained by the Contractor in a satisfactory condition until the surfacing is placed. Base preparation for the entire levee crown, and ramps shall be completed in advance of placing surfacing. Base preparation for the access roads shall be completed at least 500 feet in advance of placement operations or as directed by the Contracting Officer.

3.2 PLACEMENT

3.2.1 General

The materials shall be placed to obtain uniformity of the surfacing material. The Contractor shall make such adjustments in placing procedures or in equipment as may be directed to obtain the true grades, to minimize segregation and degradation, to reduce or accelerate loss or increase of water, and to insure satisfactory surfacing material placement. Any materials that are found to be unsatisfactory shall be removed and replaced with satisfactory material or reworked, as directed, to meet the requirements of this specification. No surfacing shall be placed or compacted on a muddy or rutted subgrade.

3.2.2 Levee Crown Road and Ramps

The placement of surfacing shall not commence until all construction operations within the project limits have been finalized, including final dressing of the levee crown and ramps.

3.3 THICKNESS

Material shall be placed in layers, loose measurement, not to exceed 6 inches, followed by compaction. For courses requiring multiple layers, no overlying layer shall be placed until required compaction of the underlying layer has been achieved and approved. The Contracting Officer may at any time specify the thickness of any layer to be placed as required to achieve the required compaction. The thickness of each layer or lift placed shall be measured at intervals providing at least one measurement for each 100 linear feet or part thereof of surfacing for all items. Measurement of thickness for surfacing shall be taken prior to compaction.

3.4 COMPACTION

The surfacing material shall be compacted by making two passes with a rubber tired roller to provide a smooth, uniform, closely-knit riding surface as applicable free from ridges and depressions. The minimum requirements for rubber tired rollers to be used for compaction will be a 10 ton, 11 wheel, 7.50 X 15 tires, towed type, tandem, pneumatic-tired roller. The roller shall be towed at speeds not to exceed 5 miles per hour. The Contractor shall make such adjustments in compacting or finishing procedures as may be directed to obtain true grades, to minimize segregation and degradation, and to insure a satisfactory surfacing course. Any materials that are found to be unsatisfactory shall be removed and replaced with satisfactory material or reworked, as directed, to meet the requirements of this specification.

3.4.1 Shaping

Surfacing shall be shaped by placing of surfacing material followed by compaction. Any ruts formed shall be shaped as often as necessary to prevent breaking through the surfacing material into the subgrade. Holes, waves, and deficiencies in thickness, which may develop, shall be filled by adding more material followed by compaction. Shaping shall continue until the surface is free from ruts, and undulations.

3.4.2 Compaction Equipment

Compaction equipment shall be capable of properly compacting the surfacing material so that no planes of weakness or laminations are formed in the surfacing. Equipment shall be capable of compacting a layer not less than 9 inches thick and shall be operated at speeds not to exceed 5.0 miles per hour.

3.5 MAINTENANCE

3.5.1 Levee Crown Road and Ramps

The levee crown road and ramps shall be maintained by addition of and compaction of surfacing material as directed by the Contracting Officer to provide a usable and driveable road under all weather conditions during the construction period. No additional payment will be made for maintenance operations.

3.6 HAUL ROADS

Construction, surfacing and/or maintenance for any and all haul roads are the responsibility of the Contractor and no measurement or payments will be made for such roads.

WAGE DETERMINATION

General Decision Number: LA030012 09/30/2005 LA12

Superseded General Decision Number: LA020012

State: Louisiana

Construction Type: Heavy

Counties: Jefferson, Orleans, Plaquemines, St Bernard, St Charles, St James, St John the Baptist and St Tammany Counties in Louisiana.

HEAVY CONSTRUCTION PROJECTS (includes flood control, water & sewer lines, and water wells; excludes elevated storage tanks, industrial construction-chemical processing, power plants, and refineries)

Modification Number	Publication Date
0	06/13/2003
1	02/06/2004
2	03/12/2004
3	07/16/2004
4	08/27/2004
5	11/19/2004
6	04/08/2005

7

09/30/2005

CARP1846-006 07/01/2004

	Rates	Fringes
Carpenter (formbuilding/formsetting).....	\$ 16.71	4.40
Millwright/Piledriverman.....	\$ 16.71	4.40

ELEC0130-005 09/01/2004

JEFFERSON, ORLEANS, PLAQUEMINES, ST. BERNARD, ST. CHARLES, ST. JAMES, AND ST. JOHN THE BAPTIST PARISHES:

	Rates	Fringes
Electrician (including low voltage wiring).....	\$ 22.09	6.00

ELEC1077-002 03/01/2005

ST. TAMMANY PARISH:

	Rates	Fringes
Electrician (including low voltage wiring).....	\$ 17.99	5.15

* ENGI0406-018 07/01/2005

	Rates	Fringes
Power equipment operators:		
Bulldozer.....	\$ 17.21	4.95
Mechanic.....	\$ 19.26	4.95

* PLAS0567-003 07/01/2004

JEFFERSON, ORLEANS, PLAQUEMINES, ST. BERNARD, ST. CHARLES, ST. JOHN THE BAPTIST, AND ST. TAMMANY PARISHES:

	Rates	Fringes
Cement Mason/Concrete Finisher Jefferson, Orleans, and St. Bernard Parishes.....	\$ 16.29	2.23
Plaquemines Parish.....	\$ 13.83	2.23
St. Charles and St. John the Baptist Parishes.....	\$ 14.94	2.23
St. Tammany Parish.....	\$ 12.17	2.23

PLAS0812-003 06/01/2004

ST. JAMES PARISH:

	Rates	Fringes
Cement Mason/Concrete Finisher.	\$ 21.85	0.00

* PLUM0060-002 06/01/2005

JEFFERSON, ORLEANS, PLAQUEMINES, ST. BERNARD, ST. CHARLES, ST. JAMES (Southeastern Portion), ST. JOHN THE BAPTIST, and ST. TAMMANY PARISHES:

	Rates	Fringes
Plumber (excluding pipe laying)	\$ 22.25	6.03

PLUM0198-005 07/01/2005

ST. JAMES PARISH (Northwestern Portion):

	Rates	Fringes
Plumber (excluding pipe laying)	\$ 18.59	6.98

SULA2004-007 05/13/2004

	Rates	Fringes
Carpenter (all other work).....	\$ 13.75	2.60
Laborers:		
Common/Landscape.....	\$ 9.88	0.00
Fence.....	\$ 11.24	0.00
Flagger.....	\$ 8.58	0.00
Mason Tender.....	\$ 7.00	0.00
Pipelayer.....	\$ 9.84	0.00
Pipefitter (excluding pipelaying).....	\$ 17.52	4.51
Power equipment operators:		
Backhoe/Excavator.....	\$ 14.42	0.00
Crane.....	\$ 16.34	3.30
Dragline.....	\$ 16.50	0.00
Front End Loader.....	\$ 13.89	0.00
Oiler.....	\$ 10.03	0.00
Truck drivers:		
Dump.....	\$ 11.01	0.00
Pickup.....	\$ 12.25	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.
 =====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under the identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations

Wage and Hour Division

U.S. Department of Labor

200 Constitution Avenue, N.W.

Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator

U.S. Department of Labor

200 Constitution Avenue, N.W.

Washington, DC 20210

The request should be accompanied by a full statement of the

interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board

U.S. Department of Labor

200 Constitution Avenue, N.W.

Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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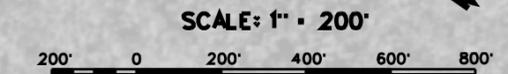
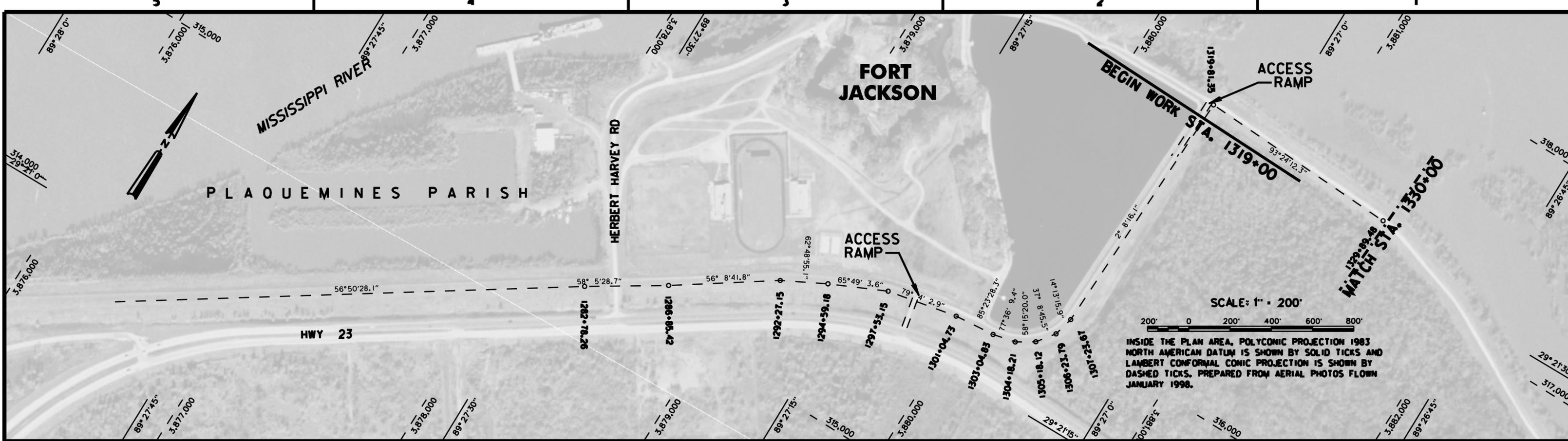
END OF GENERAL DECISION

DRAWINGS

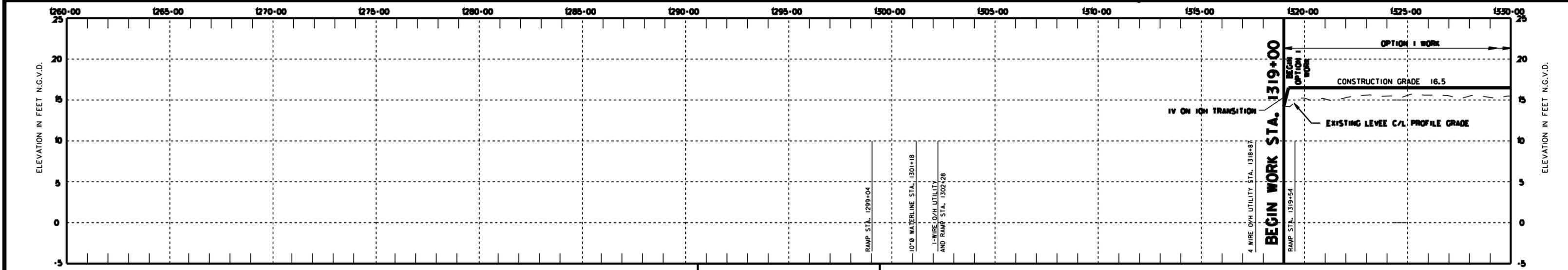
Revised drawings for Fort Jackson to Venice are incorporated into this amendment.

- Jack-ven-03-typl
- Jack-ven-05-pp
- Jack-ven-06-pp
- Jack-ven-07-pp
- Jack-ven-08-pp
- Jack-ven-09-pp
- Jack-ven-12-pp

There are no other changes as result to this amendment.



INSIDE THE PLAN AREA, POLYCONIC PROJECTION 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS. PREPARED FROM AERIAL PHOTOS FLOWN JANUARY 1998.



PROFILE
 HORIZONTAL SCALE 1" = 200'
 VERTICAL SCALE 1" = 5'

PROFILE LEGEND
 ——— CONSTRUCTION GRADE
 - - - EXISTING LEVEL C/L PROFILE GRADE

NOTE:
 CONTRACTOR MUST WORK NORTH TO SOUTH.

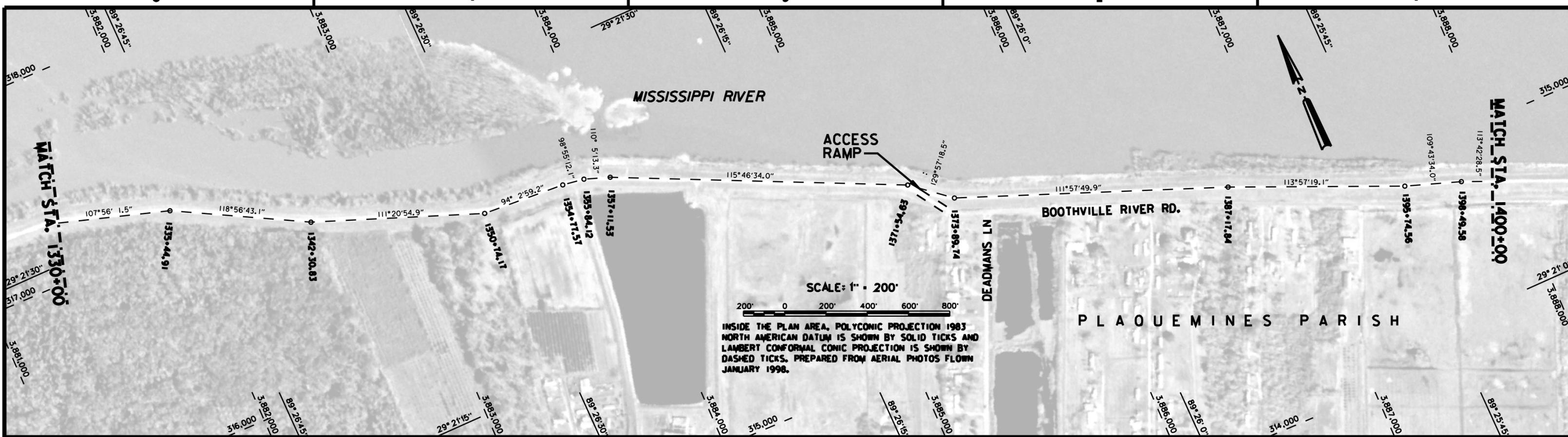
NEW ORLEANS TO VENICE
 HURRICANE PROTECTION PROJECT
 EMERGENCY LEVEL REPAIRS
BURAS LEVEL DISTRICT
 FORT JACKSON TO VENICE
PLAN / PROFILE
B/L STA. 1319+00 TO STA. 1330+00
 PLAQUEMINES PARISH, LA

U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA

DESIGNED BY: P.S.L. PLOT SCALE: 200 PLOT DATE: 11/14/05 CADD FILE: JACK-NEW-05-PP-00A
 DRAWN BY: C.G.H. FILE NO.
 CHECKED BY: C.J.R. DATE: NOV. 2005 **H-8-XXXXX**

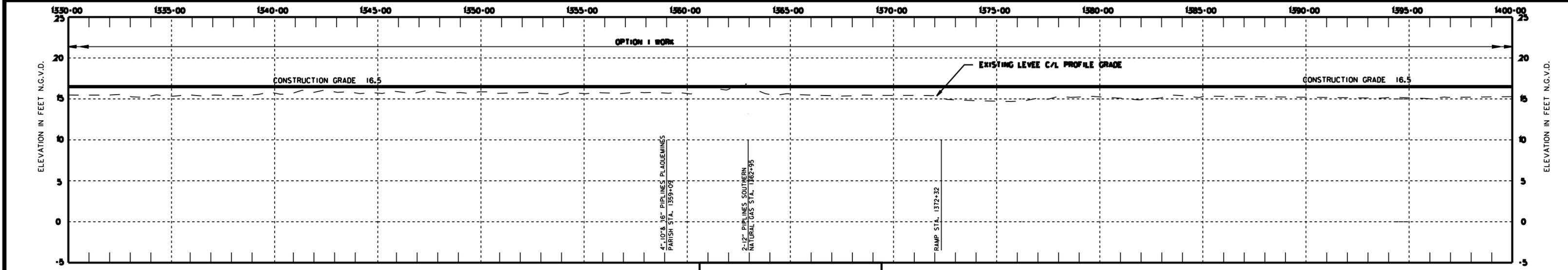


EVANS-GRAVES ENGINEERS, INC.
 ENGINEERING CONSULTANTS



SCALE: 1" = 200'

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PROFILE
 HORIZONTAL SCALE 1" = 200'
 VERTICAL SCALE 1" = 5'

PROFILE LEGEND
 ——— CONSTRUCTION GRADE
 - - - EXISTING LEVEE C/L PROFILE GRADE

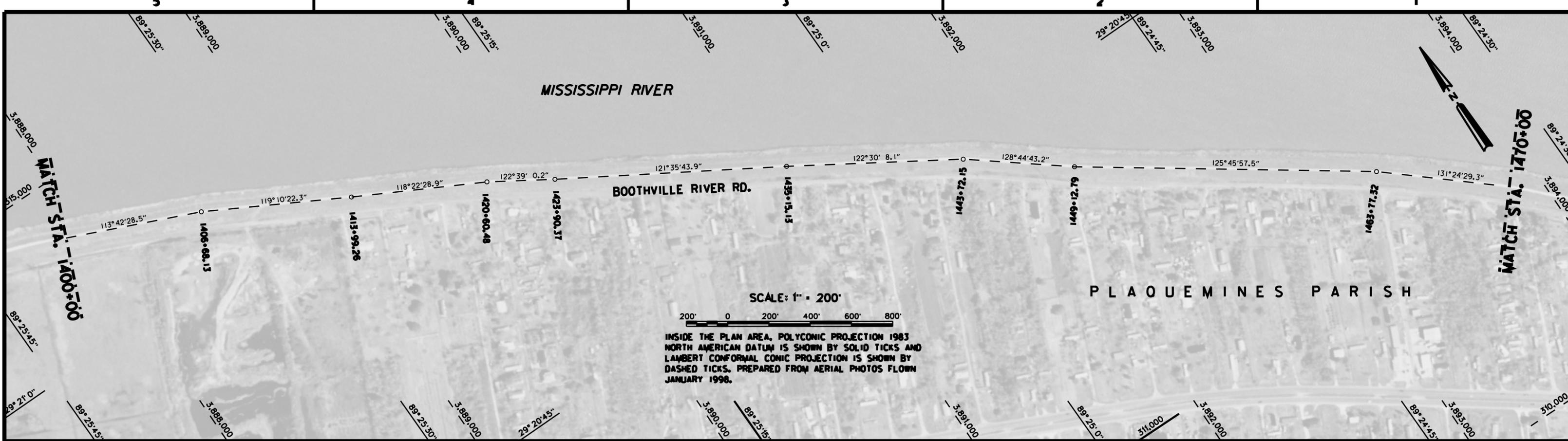
NEW ORLEANS TO VENICE
 HURRICANE PROTECTION PROJECT
 EMERGENCY LEVEE REPAIRS
BURAS LEVEE DISTRICT
 FORT JACKSON TO VENICE
PLAN / PROFILE
 B/L STA. 1330+00 TO STA. 1400+00
 PLAQUEMINES PARISH, LA

U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA



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 ENGINEERING CONSULTANTS

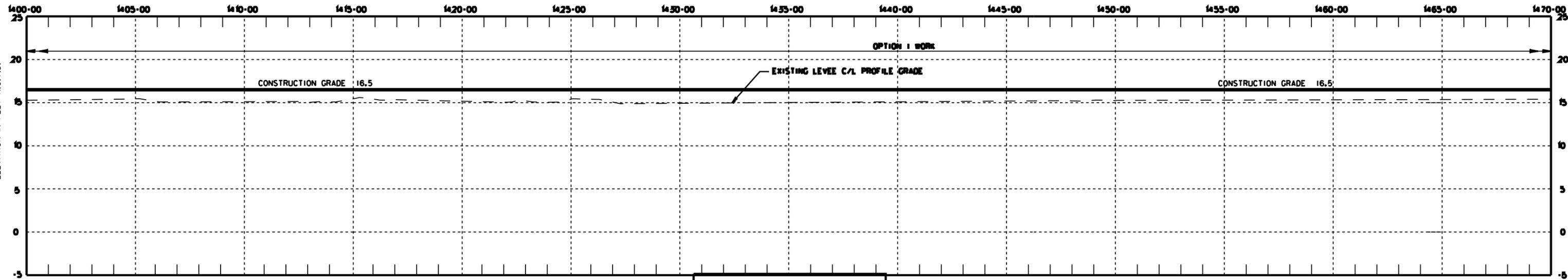
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 CHECKED BY: C.J.R. DATE: NOV. 2005 **H-8-XXXXX**



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PROFILE
 HORIZONTAL SCALE 1" = 200'
 VERTICAL SCALE 1" = 5'

PROFILE LEGEND
 ——— CONSTRUCTION GRADE
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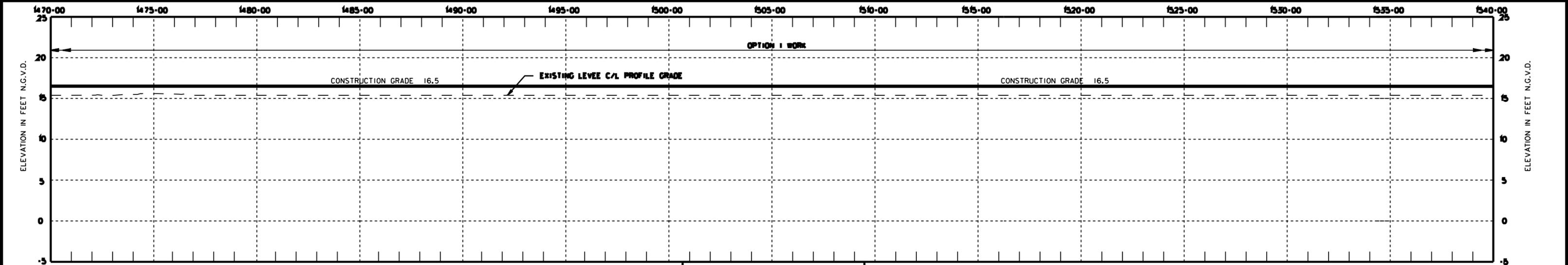
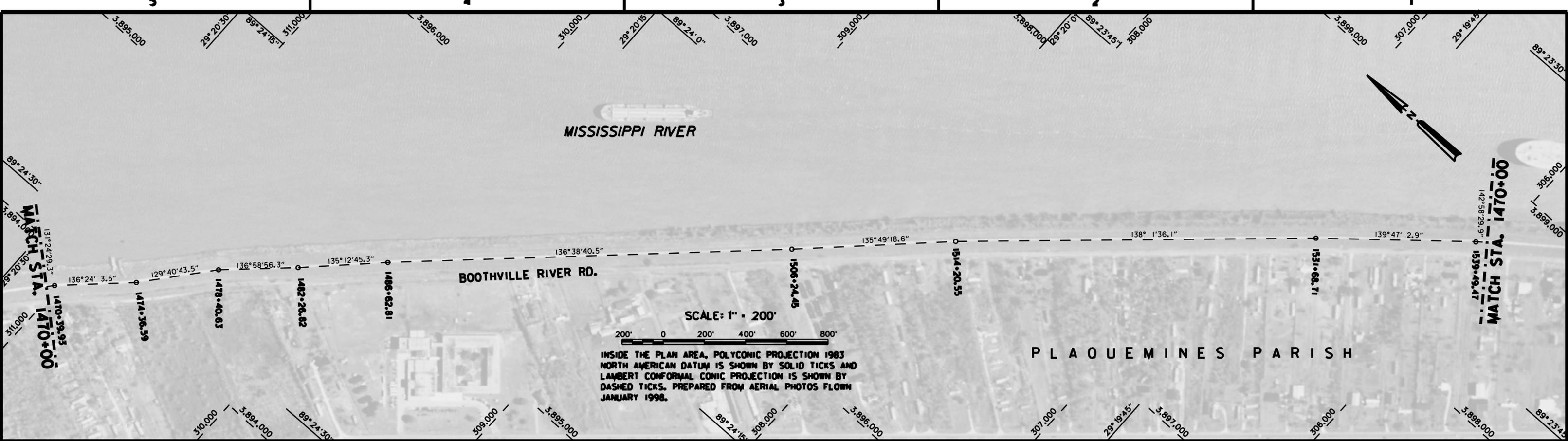
EVANS-GRAVES ENGINEERS, INC.
 ENGINEERING CONSULTANTS

NEW ORLEANS TO VENICE
 HURRICANE PROTECTION PROJECT
 EMERGENCY LEVEL REPAIRS
BURAS LEVEE DISTRICT
 FORT JACKSON TO VENICE
PLAN / PROFILE
 B/L STA. 1400+00 TO STA. 1470+00
 PLAQUEMINES PARISH, LA



U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA

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 CHECKED BY: C.J.R. DATE: NOV. 2005 **H-8-XXXXX**



PROFILE
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 VERTICAL SCALE 1" = 5'

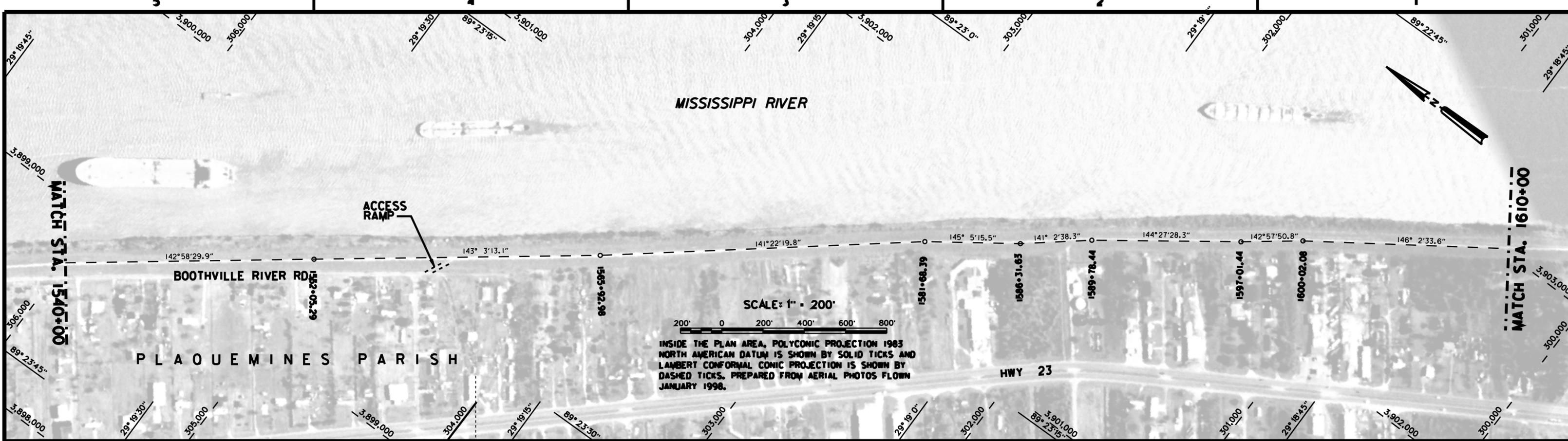
PROFILE LEGEND
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 - - - EXISTING LEVEL C/L PROFILE GRADE

NEW ORLEANS TO VENICE
 HURRICANE PROTECTION PROJECT
 EMERGENCY LEVEL REPAIRS
BURAS LEVEL DISTRICT
 FORT JACKSON TO VENICE
PLAN / PROFILE
B/L STA. 1470+00 TO STA. 1540+00
 PLAQUEMINES PARISH, LA

U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA

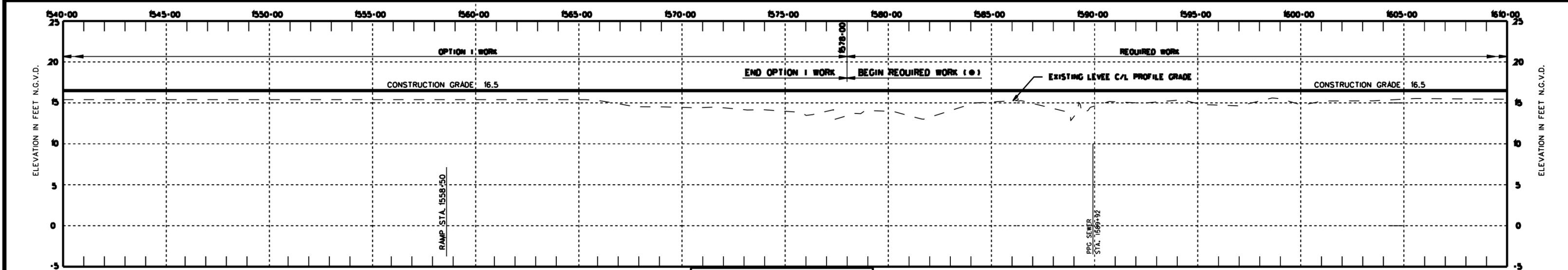
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 ENGINEERING CONSULTANTS

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 DRAWN BY: C.G.H. 200 11/14/05 FILE NO.
 CHECKED BY: C.J.R. DATE: NOV. 2005 **H-8-XXXXX**



SCALE: 1" = 200'

INSIDE THE PLAN AREA, POLYCONIC PROJECTION 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS. PREPARED FROM AERIAL PHOTOS FLOWN JANUARY 1998.



PROFILE
 HORIZONTAL SCALE 1" = 200'
 VERTICAL SCALE 1" = 5'

(●) PROVIDE IV ON 10% SMOOTH TRANSITION TO EXISTING GRADE IF OPTION I WORK IS NOT AWARDED.

PROFILE LEGEND
 ——— CONSTRUCTION GRADE
 - - - EXISTING LEVEE C/L PROFILE GRADE

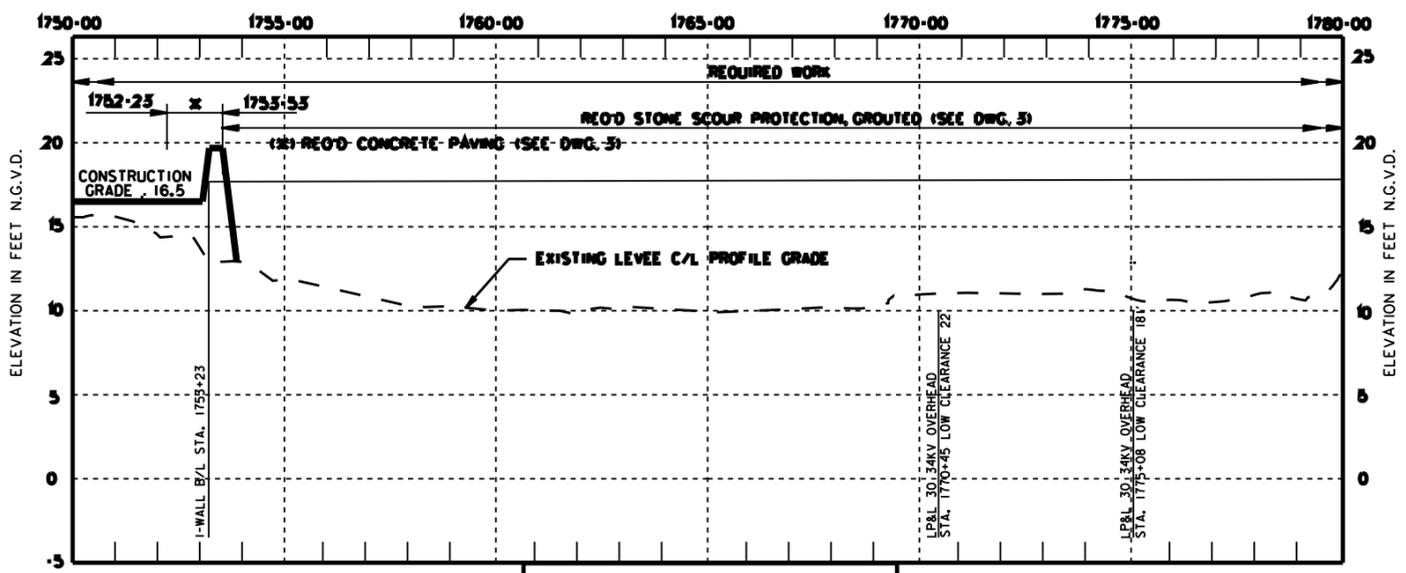
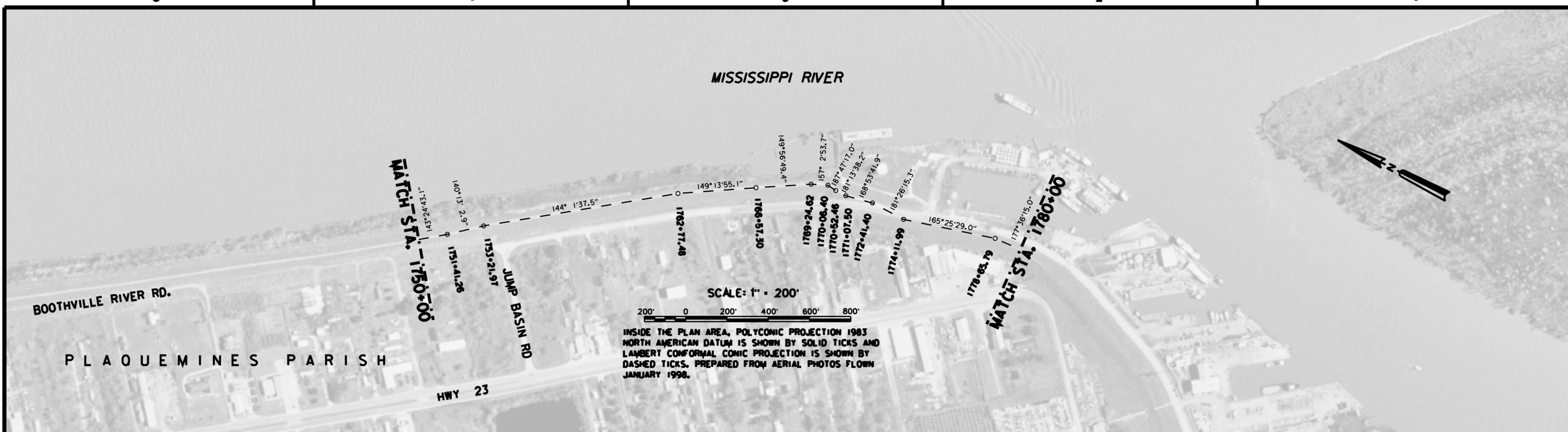
NEW ORLEANS TO VENICE
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 EMERGENCY LEVEE REPAIRS
BURAS LEVEE DISTRICT
 FORT JACKSON TO VENICE
PLAN / PROFILE
 B/L STA. 1540+00 TO STA. 1610+00
 PLAQUEMINES PARISH, LA

U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
 CORPS OF ENGINEERS
 NEW ORLEANS, LOUISIANA



EVANS-GRAVES ENGINEERS, INC.
 ENGINEERING CONSULTANTS

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 CHECKED BY: C.J.R. DATE: NOV. 2005 **H-8-XXXXX**



PROFILE LEGEND

— CONSTRUCTION GRADE

- - - EXISTING LEVEE C/L PROFILE GRADE



EVANS-GRAVES ENGINEERS, INC.
ENGINEERING CONSULTANTS

NEW ORLEANS TO VENICE
HURRICANE PROTECTION PROJECT
EMERGENCY LEVEE REPAIRS
BURAS LEVEE DISTRICT
FORT JACKSON TO VENICE

PLAN / PROFILE
B/L STA. 1750+00 TO STA. 1780+00
PLAQUEMINES PARISH, LA

U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS
CORPS OF ENGINEERS
NEW ORLEANS, LOUISIANA

DESIGNED BY: P.S.L.	PLOT SCALE: 200	PLOT DATE: 11/14/05	CADD FILE: JACK-NEW-12-PP-00H
DRAWN BY: C.G.H.	CHECKED BY: C.J.R.	DATE: NOV. 2005	FILE NO. H-8-XXXXXX