

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE J	PAGE OF PAGES 1   20
2. AMENDMENT/MODIFICATION NO. 0002	3. EFFECTIVE DATE 24-Jan-2006	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) <b>See Item 6</b>		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)		X	9A. AMENDMENT OF SOLICITATION NO. W912P8-06-R-0067	
		X	9B. DATED (SEE ITEM 11) 17-Jan-2006	
			10A. MOD. OF CONTRACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)	
CODE	FACILITY CODE			
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>				
<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 checked="" type="checkbox"/> is extended, <input 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)				
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.</b>				
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 Project, Buras Levee District, West Bank River Levee, Emergency Levee Repairs, Contract P17 - B/L Sta. 906+00 to B/L Sta. 1003+00, Plaquemines Parish, LA, is amended as shown on the attached pages.  PROPOSAL DUE DATE: THE PROPOSAL DUE DATE IS CHANGED TO 30 JANUARY 2006, 4:00 PM LOCAL TIME, NEW ORLEANS, LA.				
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  (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED 24-Jan-2006	

COVER LETTER

1. Delete the Paragraph entitled "Description and Magnitude of Work" and replace with the following revised "Description and Magnitude of Work" paragraph:

"DESCRIPTION AND MAGNITUDE OF WORK: The work consists of clearing and grubbing, hauling and processing earth material from stockpile and placing as semi-compacted and uncompacted fill, placing reinforcement geotextile fabric, placing levee crown surfacing material, placing armor stone protection, demolition and removal of concrete-capped floodwalls, fertilizing, seeding, and mulching, and other incidental work."

SECTION 00010

1. Delete Pages 00010-3 thru 00010-4 in their entirety and replace with the attached revised Pages 00010-3 thru 00010-5.

SECTION 00100

1. FAR 52.217-5, "Evaluation of Options" is added as shown below.

52.217-5 EVALUATION OF OPTIONS (JUL 1990)

Except when it is determined in accordance with FAR 17.206(b) not to be in the Government's best interests, the Government will evaluate offers for award purposes by adding the total price for all options to the total price for the basic requirement. Evaluation of options will not obligate the Government to exercise the option(s).

(End of provision)

SECTION 00700

1. FAR 52.217-7, "Option for Increased Quantity – Separately Priced Line Item" is added as shown below.

52.217-7 OPTION FOR INCREASED QUANTITY--SEPARATELY PRICED LINE ITEM (MAR 1989)

The Government may require the delivery of the numbered line item, identified in the Schedule as an option item, in the quantity and at the price stated in the Schedule. The Contracting Officer may exercise the option by written notice to the Contractor by March 31, 2006. Delivery of added items shall continue at the same rate that like items are called for under the contract, unless the parties otherwise agree.

(End of clause)

SECTION 01100

1. Delete Paragraph 17(a) in its entirety and replace with the following revised Paragraph 17(a):

"17. SPECIAL WORK REQUIREMENTS

(a) The Contractor shall install interim protection at the floodwall locations (as detailed on the Plans) complete and in-place prior to 15 May 2006, while working on the remaining portions of the contract, however, no levee construction nor floodwall removal work is allowed within the limits of the two Optional Work Areas until notification is received from the Contracting Officer."

2. Paragraph 18, "Right of Entry" is added as shown below.

**"18. RIGHT OF ENTRY**

Right of Entry is not currently available on a portion of the two "NO WORK AREAS" listed as "OPTIONAL WORK AREAS 1 and 2 in the Bidding Schedule. Each area shall consist of a "LEVEE CROWN ACCESS ONLY AREA", and "INTERIM PROTECTION CONSTRUCTION". The Contractor shall only be able to use the levee crown and the area between the existing floodwall and the right-of-way for access in the optional work areas. The Contractor shall not be able to access except for the levee crown or enter these areas or store construction materials until the Contracting Officer exercises the options. It is solely the Contracting Officer's option to use the "OPTIONAL WORK AREA (S)". These areas are depicted on the plan and profile drawings."

SECTION 02231

1. Delete this Section in its entirety and replace with the attached revised Section 02231.

SECTION 02318

1. Delete this Section in its entirety and replace with the attached revised Section 02318.

SECTION 02332

1. Delete Paragraph 1.7.1 in its entirety and replace with the following revised Paragraph 1.7.1:

**"1.7.1 General**

The embankment shall be constructed of earth obtained from the material stockpiled and processed by the Government in the area specified at the Triumph borrow area. The Contractor is responsible for processing the stockpiled material on the levee."

2. Delete Paragraph 1.7.4(b) in its entirety and replace with the following revised Paragraph 1.7.4(b):

"b) Semi-Compacted Fill. The Contractor shall control the moisture content of the embankment material. Material placed in the fill shall have a moisture content ranging between the following limits:

<u>Type of Material</u>	<u>Moisture Content</u> (In percent dry weight)	
	<u>Maximum</u>	<u>Minimum</u>
ML	26	15
CL	28	18
CH	37	20

The Contractor shall perform a minimum of one moisture content test for every 1,000 linear feet per lift or as directed by the Contracting Officer. The Contractor shall perform the necessary work in moisture control to bring the material within the moisture content ranges specified above. The **Government stockpiled** material shall be processed to within 20 percentage points of the specified maximum moisture content **by the Government**, before it may be placed within the semi-compacted embankment for final

processing. Once the material moisture content is within this range, the material can be placed within the semi-compacted embankment for further moisture control processing. Compaction shall not begin until moisture content tests are performed and the moisture content is within the above ranges. Material processing thickness shall be limited to no more than 12 inches. Wet material shall be processed by disking and harrowing, if necessary, until the moisture content is reduced sufficiently. If the borrow material is too dry, sufficient moisture shall be uniformly distributed in each layer before compacting. When it is discovered that wet fill has been placed over existing levee or newly constructed fill, the incident layer and previous layer will be tested for compliance in a minimum of one test per 300 linear feet or as directed by the Contracting Officer. If the top or contact surfaces of a partial fill section becomes too wet to permit suitable bond between these surfaces and the additional backfill to be placed thereon, the wet material shall be scarified and permitted to dry, assisted by disking or harrowing. The material shall be recompact in accordance with the applicable requirements of paragraph 1.7.5. No additional payment will be made for any moisture control or moisture control testing required in this subparagraph.”

3. Delete Paragraph 1.7.5(4) in its entirety and replace with the following revised Paragraph 1.7.5(4):

“(4) Powered Hand Tampers. Powered hand tampers shall be used to compact the **interim protection material** within 3 feet of the floodwalls.”

SECTION 00010 - BIDDING SCHEDULE

New Orleans To Venice Hurricane Protection Project  
 Buras Levee District  
 West Bank River Levee  
 Emergency Levee Repairs  
 Contract P17 - B/L Sta. 906+00 to B/L Sta. 1003+00  
 Plaquemines Parish, Louisiana

Item	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
0001	Mobilization and Demobilization	1	LS		
0002	Reinforcement Geotextile	<b>36,700</b>	SY		
0003	Concrete Floodwall Demolition	<b>8,257</b>	LF		
0004	Cutting of Sheet Piling	<b>8,257</b>	LF		
0005	Concrete Slab Removal	1	LS		
0006	Clearing and Grubbing	1	LS		
0007	Degrading Existing Levees	2,500	CY		
0008	Embankment, Semi-Compacted Fill	<b>165,000</b>	CY		
0009	Embankment, Semi-Compacted Fill – Interim Protection	52,950	CY		
0010	Embankment, Uncompacted Fill	<b>81,830</b>	CY		
0011	Armor Stone – Wave Berm	10,700	TON		
0012	Armor Stone – Interim Protection	5,730	TON		
0013	Surfacing	2,970	CY		
0014	Fertilizing, Seeding and Mulching	<b>34</b>	AC		
<b>OPTION 1</b>					
<b>0015</b>	<b>Option 1: Area 1</b>				
<b>0015AA</b>	<b>Reinforcement Geotextile</b>	<b>725</b>	<b>SY</b>	<b>XXXX</b>	
<b>0015AB</b>	<b>Concrete Floodwall Demolition</b>	<b>163</b>	<b>LF</b>	<b>XXXX</b>	
<b>0015AC</b>	<b>Cutting of Sheet Piling</b>	<b>163</b>	<b>LF</b>	<b>XXXX</b>	
<b>0015AD</b>	<b>Embankment, Semi-Compacted Fill</b>	<b>5,920</b>	<b>CY</b>	<b>XXXX</b>	
<b>0015AE</b>	<b>Embankment,Uncompacted Fill</b>	<b>1,960</b>	<b>CY</b>	<b>XXXX</b>	

SECTION 00010 - BIDDING SCHEDULE

New Orleans To Venice Hurricane Protection Project  
 Buras Levee District  
 West Bank River Levee  
 Emergency Levee Repairs  
 Contract P17 - B/L Sta. 906+00 to B/L Sta. 1003+00  
 Plaquemines Parish, Louisiana

Item	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
0015AF	Fertilizing, Seeding and Mulching	0.6	AC	XXXX	
OPTION 2 0016	Option 2: Area 2				
0016AA	Reinforcement Geotextile	3,485	SY	XXXX	
0016AB	Concrete Floodwall Demolition	784	LF	XXXX	
0016AC	Cutting of Sheet Piling	784	LF	XXXX	
0016AD	Embankment, Semi-Compacted Fill	26,200	CY	XXXX	
0016AE	Embankment, Uncompacted Fill	3,210	CY	XXXX	
0016AF	Fertilizing, Seeding, and Mulching	3	AC	XXXX	
				TOTAL:	\$

Award will be made as a whole to one bidder.

SECTION 00010 - BIDDING SCHEDULE

New Orleans To Venice Hurricane Protection Project  
 Buras Levee District  
 West Bank River Levee  
 Emergency Levee Repairs  
 Contract P17 - B/L Sta. 906+00 to B/L Sta. 1003+00  
 Plaquemines Parish, Louisiana

Item	Description	Estimated Quantity	Unit	Unit Price	Estimated Amount
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NOTE 1: Bidders shall furnish unit prices for all items listed on schedule of bid items which require unit prices. If the bidder fails to insert a unit price in the appropriate blank for required items but does furnish an extended total or an estimated amount for such items, the Government will deem his unit price to be the quotient obtained by dividing the extended estimated amount for that line item by the quantity. IF THE BIDDER OMITTS BOTH THE UNIT PRICE AND THE EXTENDED ESTIMATED AMOUNT FOR ANY REQUIRED ITEM, HIS BID WILL BE DECLARED NON-RESPONSIVE.

NOTE 2: THE NOTICE TO PROCEED (NTP): The successful bidder is advised that performance and payment bonds shall be submitted in accordance with the time frame in block 12B of SF 1442 after Notice of Award. The NTP will be issued immediately after verification of acceptable performance and payment bonds. Within two (2) days after issuance of the NTP, the Contractor shall initiate a meeting to discuss the submittal process with the Area or Resident Engineer or his authorized representative. Physical work cannot start until the Accident Prevention Program, Contractor Quality Control Plan, and other submittals which may be required, have been submitted and approved and all preliminary meetings called for under the contract, have been conducted.

**NOTE 3: Bidders shall use the unit prices for Items 0002, 0003, 0004, 0009, 0011 and 0015 to compute Items 0015AA, 0015AB, 0015AC, 0015AD, 0015AE, 0015AF, 0016AA, 0016AB, 0016AC, 0016AD, 0016AE, and 0016AF total price, respectively.**

**NOTE 4: 1. Bidders must bid on all items including optional items. Failure to bid on all items will result in a non-responsive bid.**

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## SECTION 02231 - CLEARING AND GRUBBING

### PART 1 GENERAL

#### 1.1 SCOPE

The work covered by this section consists of furnishing all plant, labor, equipment, and materials, and performing all operations necessary for the clearing and grubbing of the areas upon which embankment is to be placed, as specified herein or indicated on the drawings; and for the removal and disposal of all cleared and grubbed materials, and the filling of all holes caused by grubbing operations, as specified herein.

#### 1.2 MEASUREMENT AND PAYMENT

No measurement will be made for clearing, grubbing, and vegetation removal for the areas upon which embankment is to be placed. Payment for clearing, grubbing, and vegetation removal will be made at the contract lump sum price for "Clearing and Grubbing". Price and payment shall constitute full compensation for furnishing all plant, labor, material and equipment and performing all operations necessary for clearing, grubbing, and vegetation removal of the areas upon which embankment is to be placed, and for removing and disposing of all cleared, grubbed, and vegetation removal materials and filling all holes caused by grubbing operations.

#### 1.3 QUALITY CONTROL

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

- (1) Clearing. Station to station limits, transverse clearing limits from applicable centerline; percentages of area complete; type of material.
- (2) Grubbing. Station to station limits, transverse grubbing limits from applicable centerline; percentage of area complete; type of material.
- (3) Disposition of Cleared and Grubbed Materials. Method and location of disposition; damage to timber or improvements which are not to be cleared.

The original and two (2) 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 (Not Applicable)

## PART 3 EXECUTION

### 3.1 GENERAL REQUIREMENTS

All clearing and grubbing work for embankments and berms shall be completed at least 500-feet in advance of embankment or berm construction. If regrowth of vegetation or trees occurs after clearing and grubbing and before placement of fill, the Contractor will be required to clear and grub the area again prior to embankment and berm construction, and no payment will be made for this additional clearing and grubbing.

### 3.2 CLEARING

#### 3.2.1 General

Clearing, unless otherwise specified, shall consist of the complete removal above the ground surface of all trees, stumps, down timber snags, brush, vegetation, loose stone, abandoned structures, fencing and similar debris.

#### 3.2.2 Merchantable Timber

Merchantable timber remaining within the areas to be cleared on or after the date of award of this contract may be disposed of as the Contractor sees fit, as long as such merchantable timber is either removed from the right-of-ways indicated on the drawings or is satisfactorily disposed of in accordance with the provisions of paragraph 3.4.

#### 3.2.3 Trees

Trees shall be felled in such a manner as to avoid damage to trees to be left standing, to existing structures and installations and to those under construction, and with due regard for the safety of employees and others.

#### 3.2.4 Vegetation

Vegetation to be removed shall consist of crops, grass, bushes, and weeds. Close-growing grass and other vegetation shall be removed from areas to receive semi-compacted fill to provide a complete bare earth surface immediately prior to foundation preparation. Removal of vegetation from the side of existing levees shall be limited to 1,000-feet in advance of embankment placement. Acceptance of the vegetation removal operation shall precede the initiation of foundation preparation in the area from which vegetation has been removed. For areas to receive uncompacted fill, close-growing grass and other vegetation shall be mowed not to exceed 2-inches above the ground surface or existing embankment prior to foundation preparation.

#### 3.2.5 Miscellaneous Structure Foundations and Debris

The Contractor shall also remove all abandoned foundations, debris, and other materials which remain after buildings or other structures have been removed by others, **unless otherwise indicated.**

### 3.2.5.1 Standing Structures

**The Contractor shall not disturb any standing structures within the right-of-way until notice is received from the Contracting Officer to proceed with clearing in the area.**

### 3.2.6 Areas to be Cleared

#### 3.2.6.1 General

The entire area to be occupied by the embankment and berm together with strips 5-foot wide contiguous thereto, shall be cleared.

### 3.2.7 Surveys

The Contractor shall clear the baseline traverse, centerline traverse, and ranges at all P.C.'s, P.I.'s, P.T.'s, 100-foot centerline stations, and tie-in stations. This clearing shall consist of the removal to within 6-inches of the ground surface of all trees, brush and vegetation. This clearing shall be completed in 5,000-foot increments and in advance of embankment construction by a minimum of 1,000-feet.

## 3.3 GRUBBING

### 3.3.1 General

Grubbing shall consist of the removal of all stumps, roots, buried logs, old pilings, steel sheet piling, old paving, old foundations, pipes and drains.

### 3.3.2 Areas to be Grubbed

#### 3.3.2.1 Embankments and Structures

Grubbing shall be performed within the limits of the embankment together with the 5-foot strips contiguous thereto. All roots and other projections over 1½-inches in diameter shall be removed to a depth of 3-feet below the natural surface of the ground or surface of existing embankments. The areas to be grubbed are those specific areas within the limits specified hereinabove from which trees, stumps, down timber, snags, abandoned structures, and other projections have been removed.

#### 3.3.2.2 Berms

Grubbing of areas which are to be occupied by berms will not be required.

### 3.3.3 Pipes and Drains

The Contractor shall inform the Contracting Officer of all pipes and drains not shown on the drawings, which are encountered during grubbing. Such pipes and drains shall not be removed or disturbed until so directed by the Contracting Officer. Material excavated in the process of removing pipes and drains shall be disposed of as specified in Section 02318.

### 3.3.4 Filling of Holes

All holes caused by grubbing operations and removal of pipes and drains shall be backfilled with material in 12-inch layers to the elevation of the adjacent ground surface, and each layer compacted to a density at least equal to that of the adjoining undisturbed material.

## 3.4 DISPOSAL OF DEBRIS

### 3.4.1 General

The primary method of disposing of all debris resulting from clearing and grubbing operations shall be by windrowing adjacent to the landside levee toe. The Contractor shall make a reasonable effort to channel merchantable material into the commercial market to make beneficial use of materials resulting from clearing and grubbing operations. The material resulting from the vegetation removal operations performed on the side of the existing levee shall be stockpiled within the right-of-way limits and be evenly spread over the completed embankments, either compacted or uncompacted, prior to the fertilizing, seeding, and mulching operation. **The broken concrete resulting from concrete slab removal shall be disposed on the batture a minimum of twenty feet riverward of the wave berm in windrows not to exceed two feet in height and ten feet in width. Fifty-foot wide gaps at 500 foot intervals shall be left in the windrowed broken concrete to allow for drainage. Reinforcement material shall be cut or burned flush with the concrete surface. The reinforcement shall become the property of the Contractor and shall be removed from the site.**

### 3.4.2 Windrows

All debris shall be placed in a windrow adjacent to the landside levee toe. The debris shall be placed in a neat windrow or piles with the tree limbs trimmed sufficiently to make the windrow as small as practicable. No debris or cleared or grubbed material shall extend beyond the **levee right-of-way**.

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## SECTION 02318 – EXCAVATION

### PART 1 GENERAL

#### 1.1 SCOPE

The work covered by this section consists of furnishing all plant, labor, equipment, and materials, and performing all excavation incidental to the construction of embankments as specified herein or as shown on the drawings.

#### 1.2 MEASUREMENT

##### 1.2.1 Excavation

Excavation required by this section will not be measured for payment, except materials excavated in connection with degrading existing levees.

##### 1.2.2 Degrading Existing Levees

Materials excavated in connection with degrading the existing levee(s) will be measured for payment by the cubic yard, and quantities will be determined by the average end area method. The basis of measurement will be a survey of the area prior to degrading and the theoretical excavation lines and grade as shown on the drawings after completion of the degrading.

#### 1.3 PAYMENT

##### 1.3.1 Excavation

No separate measurement or payment will be made for excavation required by this section, except materials excavated in connection with degrading existing levees; payment shall be included in the contract prices for the items of which the work is incidental.

##### 1.3.2 Degrading Existing Levees

Payment for degrading existing levees will be made at the contract price per cubic yard for "Degrading Existing Levees." Price and payment shall constitute full compensation for furnishing all plant, labor, equipment and material and performing all operations necessary for excavation of the material.

#### 1.4 QUALITY CONTROL

The Contractor shall establish and maintain quality control for excavation operations **and moisture control as required by Section 02332 Embankment** to assure compliance with contract requirements, and maintain records of its quality control for all construction operations including, but not limited to, the following:

- (1) Disposition of Materials. Testing Program, Location of tested materials (station and lift).
- (2) **Inspection trenches.** Locations, grade and cross-section.

The original and two (2) 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 (Not Applicable)

PART 3 EXECUTION

3.1 **RESERVED**

3.2 **RESERVED**

3.3 EXCAVATION IN OTHER AREAS

3.3.1 General

Excavation from other areas shall consist of removal of material in preparing the embankment foundations to the lines and grades shown on the drawings. Care shall be exercised by the Contractor in excavating to the lines and grades shown and in removing waste materials so as not to excavate below the grades specified or depth indicated. Excavation below the lines and grades specified or the depth indicated shall be backfilled by the Contractor at its expense. Such backfill shall be brought to grade with material with each layer placed and compacted as specified in 02332-3.2.1.

3.3.2 Inspection **Trench**

An inspection **trench** of the dimensions shown on the drawings and not less than 6 feet deep shall be excavated in the embankment foundation at the locations shown on the drawings. The **trench** shall be completed at least 200 feet in advance of embankment construction. The Contractor will not be required to excavate an inspection **trench** below the water table prevailing during the construction season. In the event that a high water table prevents excavation of **the** inspection **trench** to the minimum depth required, the Contracting Officer may order the excavation of the inspection trench to be discontinued.

### 3.4 DEGRADING EXISTING LEVEES

#### 3.4.1 General

In the areas shown on the drawings only, the existing levee shall be degraded to elevations shown on the drawings. Suitable satisfactory material excavated from the existing levee shall be used in embankments and berms, or backfill. Unsuitable material and excess suitable satisfactory material excavated from the existing levee shall be disposed of as specified herein.

#### 3.4.2 Embankments Not To Be Disturbed

Existing levees, parts of levees, or other embankments shall not be disturbed unless it is specifically stated in paragraph 3.4.1 or shown on the drawings that they may be degraded.

### 3.5 **RESERVED**

### 3.6 **RESERVED**

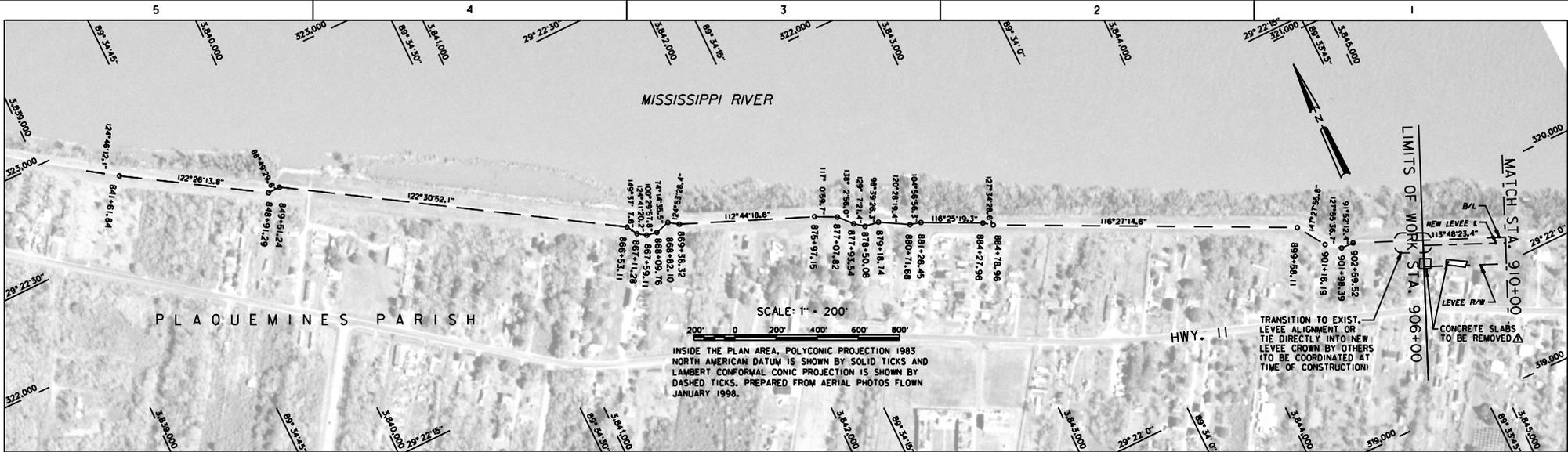
### 3.7 HAULING

All excavated material to be hauled to the site from the **Triumph borrow area stockpile**, or to be removed from the site, including debris, shall be hauled in trucks with secured binders on tailgates to the place of destination. The route for trucks carrying material to and from the job site, and to and from the borrow area shall avoid residential streets, and shall be approved by the Contracting Officer. Trucks shall not spill or track mud on public roads. The Contractor shall take immediate action to clean up any material spilled on the roads without notification from the Contracting Officer. Failure by the Contractor to satisfactorily clean public roads used for the hauling operation shall result in the suspension of hauling operations until such roads are cleaned to the satisfaction of the Contracting Officer.

### 3.8 GRADE TOLERANCES

#### 3.8.1 Excavation

All excavation shall be cut to the grades and cross sections shown on the drawings.



MISSISSIPPI RIVER

PLAQUEMINES PARISH

SCALE: 1" = 200'

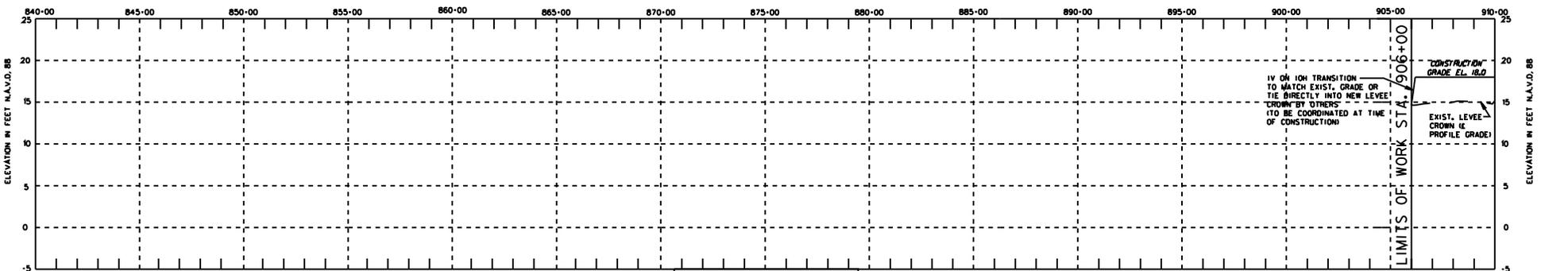


INSIDE THE PLAN AREA, POLYCONIC PROJECTION 1983 NORTH AMERICAN DATUM IS SHOWN BY SOLID TICKS AND LAMBERT CONFORMAL CONIC PROJECTION IS SHOWN BY DASHED TICKS. PREPARED FROM AERIAL PHOTOS FLOWN JANUARY 1998.

TRANSITION TO EXIST. LEVEE ALIGNMENT OR TIE DIRECTLY INTO NEW LEVEE CROWN BY OTHERS (TO BE COORDINATED AT TIME OF CONSTRUCTION)

LIMITS OF WORK STA. 906+00

MATCH STA. 910+00



PROFILE

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

TRANSITION TO EXIST. LEVEE ALIGNMENT OR TIE DIRECTLY INTO NEW LEVEE CROWN BY OTHERS (TO BE COORDINATED AT TIME OF CONSTRUCTION)

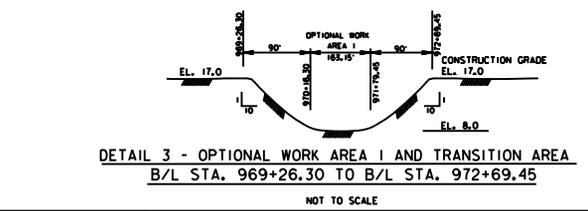
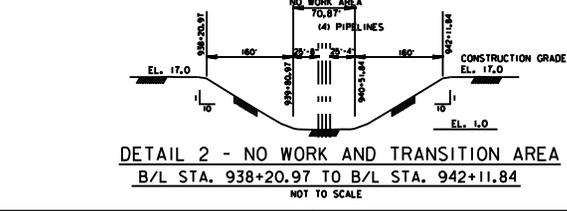
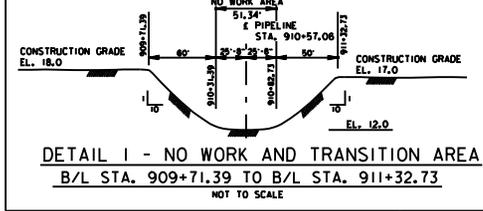
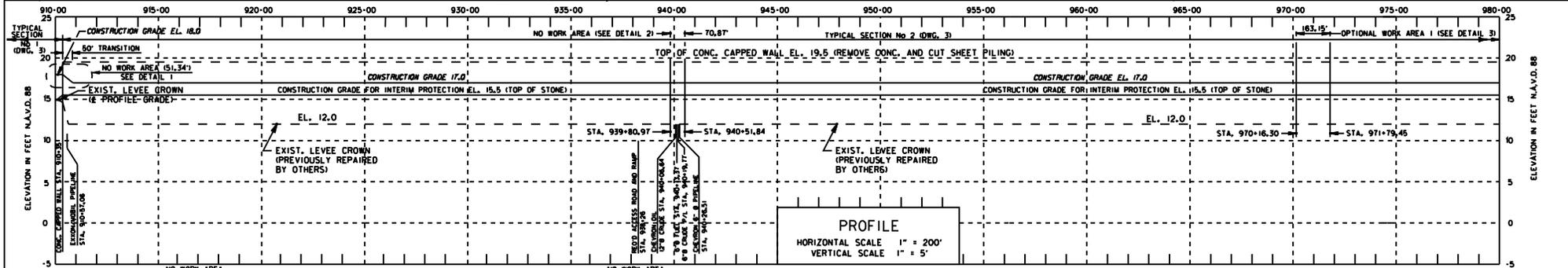
LIMITS OF WORK STA. 906+00



NEW ORLEANS TO VENICE HURRICANE PROTECTION PROJECT  
BURAS LEVEE DISTRICT  
WEST BANK RIVER LEVEE  
EMERGENCY LEVEE REPAIRS  
CONTRACT P17  
**PLAN / PROFILE**  
B/L STA. 906+00 TO B/L STA. 910+00  
PLAQUEMINES PARISH, LA  
U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS  
CORPS OF ENGINEERS  
NEW ORLEANS, LOUISIANA

SYMBOL	DESCRIPTION	DATE	APPROVED
▲	ADDED CONCRETE SLAB LOCATIONS.	1/18/06	E.J.P.
REVISIONS			

DESIGNED BY: P.S.L.	PLLOT SCALE: 200	PLLOT DATE: 12/28/05	FILE NO. H-8-XXXX
DRAWN BY: C.G.L.	CHECKED BY: C.J.R.	DATE: DEC 2005	

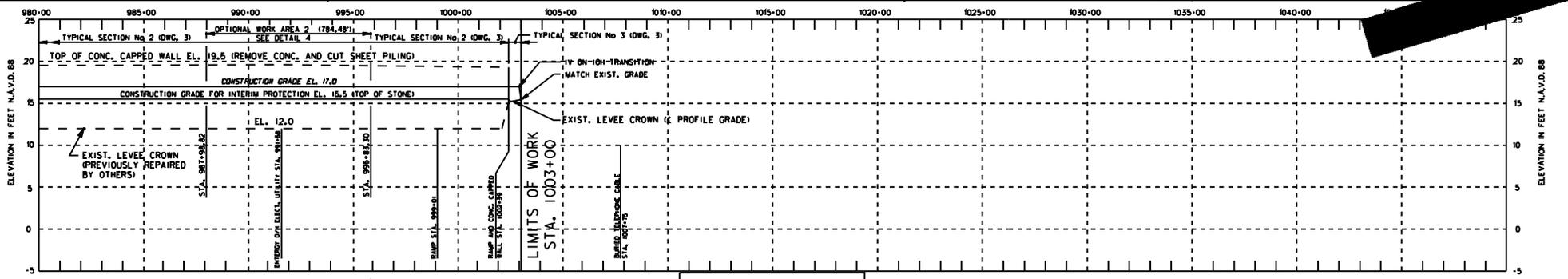
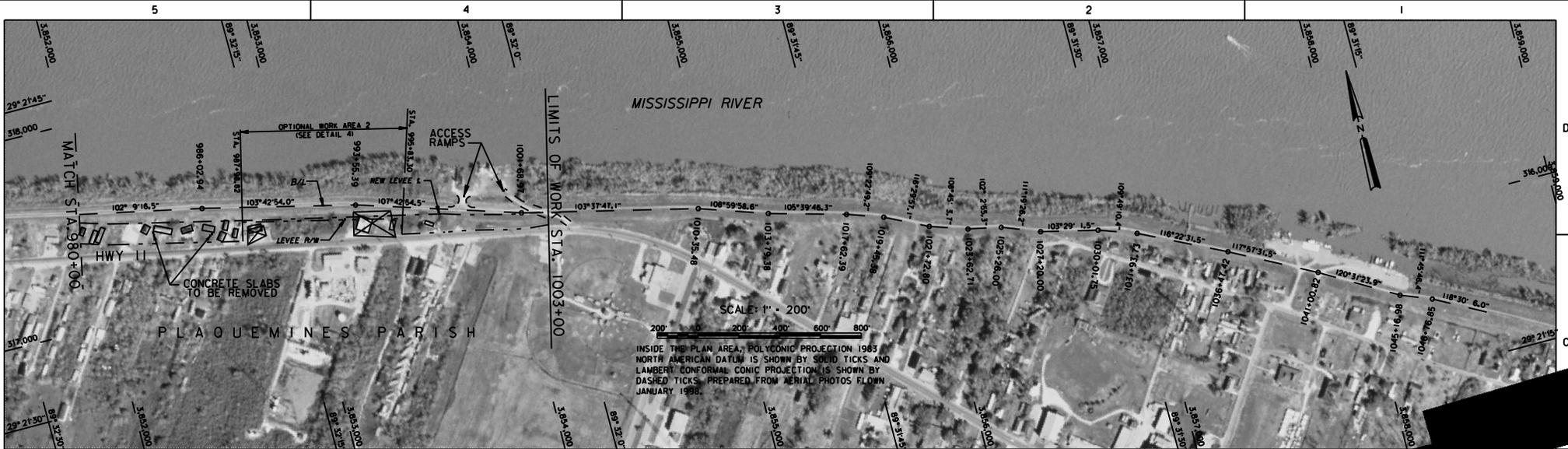


NEW ORLEANS TO VENICE  
HURRICANE PROTECTION PROJECT  
BURAS LEVEE DISTRICT  
WEST BANK RIVER LEVEE  
EMERGENCY LEVEE REPAIRS  
CONTRACT P17

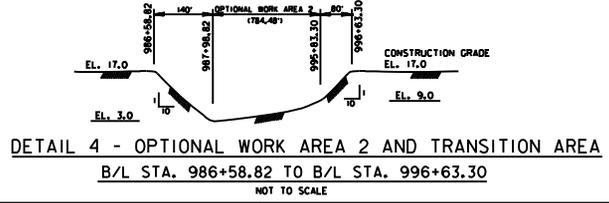
**PLAN / PROFILE**  
B/L STA. 910+00 TO B/L STA. 980+00  
PLAQUEMINES PARISH, LA

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

DESIGNED BY: P.S.L.	PLOT SCALE: 1" = 200'	PLOT DATE: 12/28/06	CADD FILE: CD17P-08-002
DRAWN BY: C.G.L.	200	12/28/06	FILE NO.
CHECKED BY: C.J.R.	DATE: DEC 2006		H-8-XXXX



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



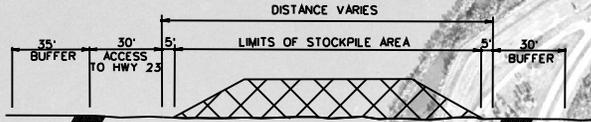
NEW ORLEANS TO VENICE  
 HURRICANE PROTECTION PROJECT  
 BURAS LEVEE DISTRICT  
 WEST BANK RIVER LEVEE  
 EMERGENCY LEVEE REPAIRS  
 CONTRACT P17

**PLAN / PROFILE**  
 B/L STA. 980+00 TO B/L STA. 1003+00  
 PLAQUEMINES PARISH, LA

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

DESIGNED BY:	PLOT SCALE:	PLOT DATE:	CADD FILE:	CONTR. NO.:
DRAWN BY:	200	12/20/06	FILE NO.:	
CHECKED BY:		DATE:	DATE:	H-8-XXXX
		DEC 2006		

BORING LOCATIONS		
BORINGS	LATITUDE	LONGITUDE
TFGTE-19A	29°20'08.34"	89°27'59.10"
TFGTE-20A	29°20'13.20"	89°28'01.86"
TFGTE-21A	29°20'18.12"	89°28'04.50"
TFGTE-25A	29°20'17.27"	89°27'57.76"
TFGTE-26A	29°20'12.43"	89°27'55.11"



TYPICAL STOCKPILE SECTION  
NOT TO SCALE  
LOOKING TOWARD HWY 23  
EXCAVATION, STOCKPILING AND  
PROCESSING BY THE GOVERNMENT

**T 20 S  
R 29 E**

**MISSISSIPPI RIVER**

**T 20 S  
R 30 E**

TRIUMPH

Lat 29° 20' 22"  
Lon 89° 28' 09"

Lat 29° 20' 26"  
Lon 89° 28' 06"

**STOCKPILE & PROCESSING AREA**

30' ACCESS CORRIDOR

Lat 29° 20' 22.5"  
Lon 89° 28' 03"

Lat 29° 20' 18"  
Lon 89° 28' 07"

35' BUFFER (TYP)

TFGTE-21A  
**BORROW AREA (SEE NOTE)**  
TFGTE-20A  
TFGTE-25A  
TFGTE-26A  
TFGTE-19A

Lat 29° 20' 11"  
Lon 89° 27' 54"

Lat 29° 20' 07"  
Lon 89° 27' 58"

△ NOTE: THE CONTRACTOR SHALL COORDINATE WITH THE GOVERNMENT STOCKPILING AND PROCESSING OPERATIONS WHILE LOADING AND HAULING FROM THE STOCKPILE.

48

47

42

SCALE: 1" = 400'



REVISED THE BORROW OPERATIONS TO SPECIFY EXCAVATION, STOCKPILING AND PROCESSING BY THE GOVERNMENT LOADING AND HAULING BY THE CONTRACTOR			
REVISION	DATE	DESCRIPTION	BY
1	JAN 06	NEW ORLEANS TO VENICE HURRICANE PROTECTION PROJECT BURAS LEVEE DISTRICT WEST BANK RIVER LEVEE EMERGENCY LEVEE REPAIRS CONTRACT P17	EJP
<b>TRIUMPH STOCKPILE AREA PLAN</b>			
PLAQUEMINES PARISH, LA			
U.S. ARMY ENGINEER DISTRICT, NEW ORLEANS CORPS OF ENGINEERS NEW ORLEANS, LOUISIANA			
DESIGNED BY:	P.S.L.	PLOT SCALE:	PLOT DATE:
DRAWN BY:	C.G.M.	400	12/20/05
CHECKED BY:	C.J.L.R.	DATE:	FILE NO.
		DEC 2005	H-8-XXXXX