

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) further propose to execute the attached contract agreement (Section 902) as soon as the work is awarded to me (us), and to begin and complete the work within the time limit(s) provided for in the Specifications and Advertisement. I (We) also propose to execute the attached contract bond (Section 903) in an amount not less than one hundred (100) percent of the total of my (our) part, but also to guarantee the excellence of both workmanship and materials until the work is finally accepted.

I (We) enclose a certified check, cashier's check or bid bond for five percent (5%) of total bid and hereby agree that in case of my (our) failure to execute the contract and furnish bond within ten (10) days after notice of award, the amount of this check (bid bond) will be forfeited to the State of Mississippi as liquidated damages arising out of my (our) failure to execute the contract as proposed. It is understood that in case I am (we are) not awarded the work, the check will be returned as provided in the Specifications.

Bidder acknowledges receipt of and has added to and made a part of the proposal and contract documents the following addendum (addenda):

ADDENDUM NO. 1 DATED 03/15/2004 ADDENDUM NO. _____ DATED _____
ADDENDUM NO. _____ DATED _____ ADDENDUM NO. _____ DATED _____

No.1 Tabl.ofCont.pgs.1 & 2, repl.same
shts. Add NTB#6939 Add Sp. Prov.
907-611-5.Add Sp.Prov. 907-699-3
Prop. shts.2-5, 2-6,& 2-7 ,repl .same
shts. Revised Proj. Disk.

TOTAL ADDENDA: 1
(Must agree with total addenda issued prior to opening of bids)

Respectfully submitted, _____
Contractor

BY _____

TITLE _____

ADDRESS _____

Date _____

(To be filled in if a corporation.)

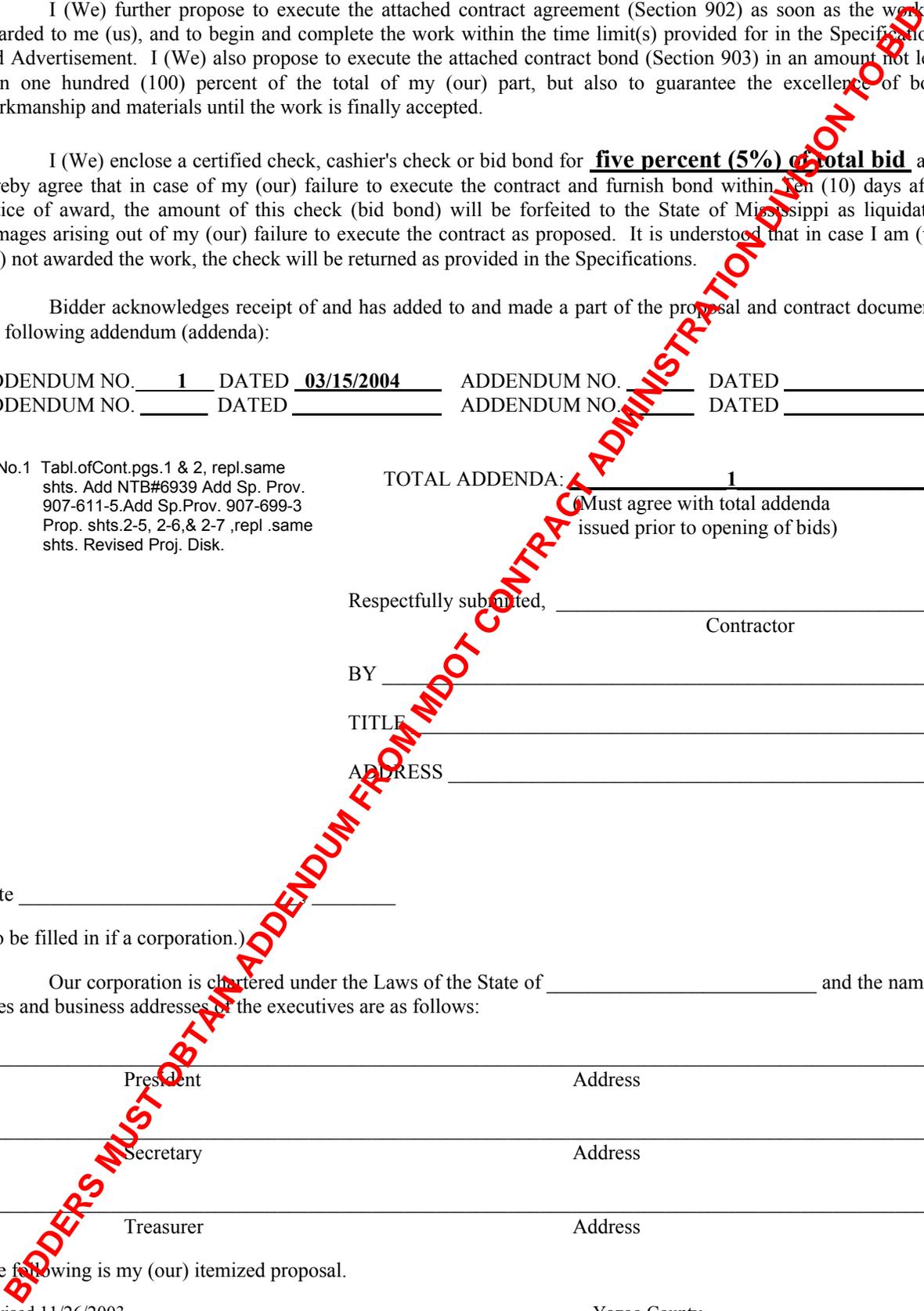
Our corporation is chartered under the Laws of the State of _____ and the names, titles and business addresses of the executives are as follows:

President Address

Secretary Address

Treasurer Address

The following is my (our) itemized proposal.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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READVERTISEMENT NOTICE TO BIDDER NO. 6897

901--Advertisement

904--Notice to Bidders:

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- Final Cleanup - # 1072
- Errata - # 1428
- Clarification of Significant Change Specifications - # 1991
- Restriction on Tricalcium Aluminate Content - # 2905
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- 907-101-5: Definitions
- 907-102-1: Combination Bids
- 907-102-8: Preparation of Proposals
- 907-103-5: Execution and Approval of Contract
- 907-104-3: Significant Changes in the Character of Work and Differing Site Conditions
- 907-104-12: Minor Alterations to the Contract
- 907-105-4: Construction Plans
- 907-105-9: Claims
- 907-106-1: Convict Produced Materials
- 907-107-6: Material Pits (NPDES Permits)
- 907-107-10: Contractor's Responsibility for Work
- 907-107-12: Liability Insurance
- 907-107-13: Contractor's Protection Plan
- 907-108-11: Determination and Extension of Contract Time
- 907-108-20: Liquidated Damages Table

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SECTION 905 – PROPOSAL,
PROPOSAL SHEET NOS. 2-1 THRU 2-7,
COMBINATION BID PROPOSAL,
STATE BOARD OF CONTRACTORS REQUIREMENTS,
NON-COLLUSION CERTIFICATE,
SECTION 902 - CONTRACT FORM, AND SECTION 903 - CONTRACT BOND FORM,
HAUL PERMIT FOR BRIDGES WITH POSTED WEIGHT LIMITS.

(REVISIONS TO THE ABOVE WILL BE INDICATED ON THE SECOND SHEET
OF SECTION 905 AS ADDENDA)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

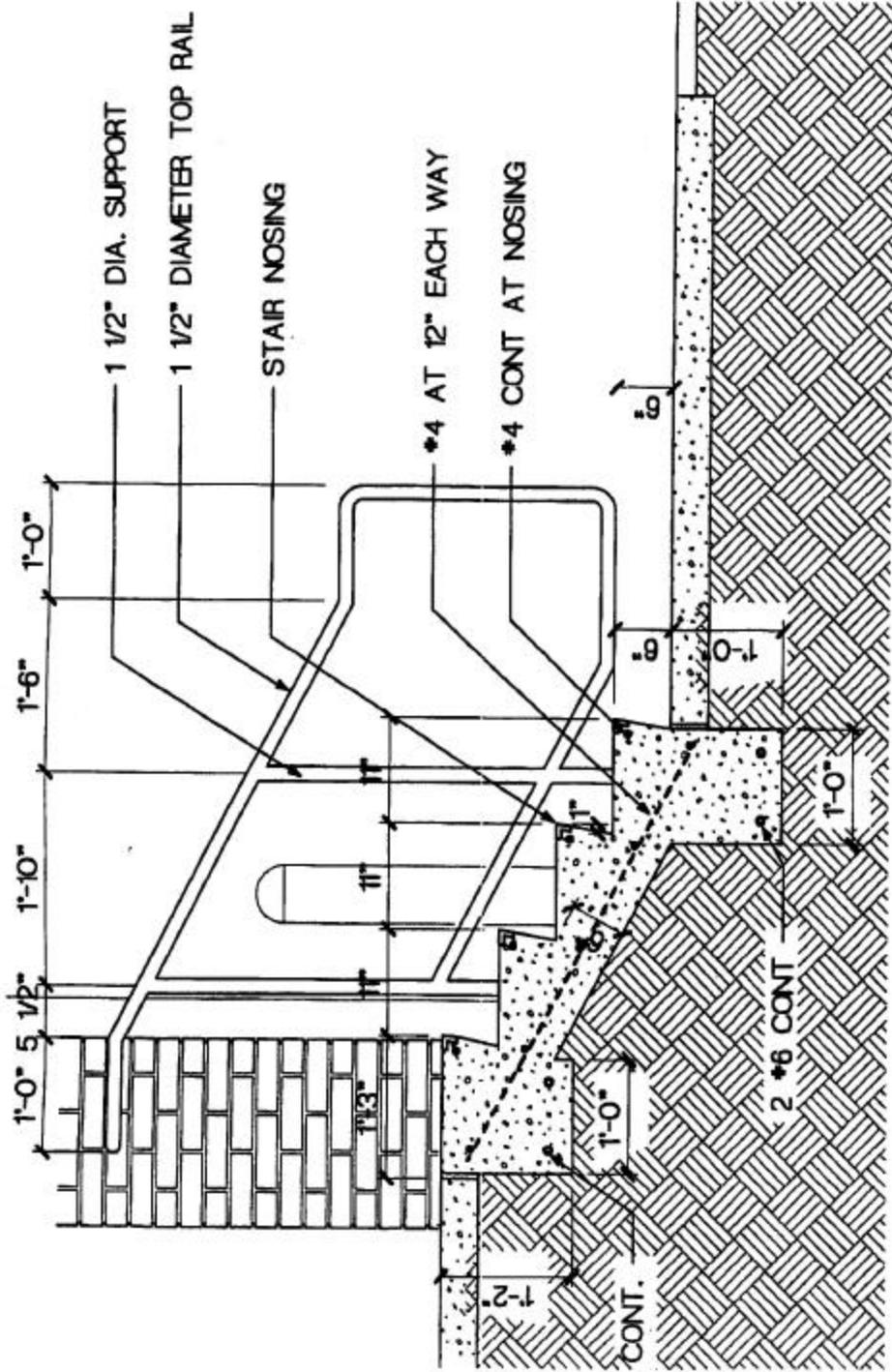
SECTION 904 - NOTICE TO BIDDERS NO. 6939

CODE: (SP)

DATE: 03/15/2004

SUBJECT: Additional Contract Requirements

Attached is a drawing showing additional requirements such as dimensions and steel placement for concrete steps.



2 SECTION AT CONCRETE STEPS
SCALE 3/4" = 1'-0"

SUPPLEMENTAL DRAWING: LOCATION AND SIZE OF STEEL REINFORCING AND CONCRETE STEPS FOUNDATION DIMENSIONS
TYPICAL AT EXTERIOR STEPS

REFERENCE DETAIL 2 ON SHEET A4.2
DATE: MARCH 10, 2004

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-611-5

CODE: (SP)

DATE: 11/07/2001

SUBJECT: Unit Pavers

PROJECT: BWO-3074-82(002) / 501242 – Yazoo County

Section 907-611, Brick Masonry, of the 1990 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as amended by this special provision is applicable to Unit Pavers Only.

907-611.01--Description. This work shall consist of providing and installing unit pavers upon a structural granular base and sand leveling bed, complete, with the locations, grades, lines, configurations, dimensions and other requirements shown on the plans or established in the field.

907-611.02--Materials.

907-611.02.1--General. All materials used in this construction shall be approval by the Engineer. The Contractor shall submit six (6) copies of brochures and color charts for approval prior to ordering manufactured items. Other items may require testing as directed by the Engineer.

907-611.02.2--Granular Material. Granular material shall be Class 3 Group C granular material conforming to the requirements of the Standard Specifications.

907-611.02.3--Sand Laying Course. Sand for bedding and joints shall conform to ASTM Designation: C 33 meeting the following requirements.

<u>Sieve Size</u>	<u>Percent Passing</u>
3/8 inch	100
No. 4	95 to 100
No. 8	85 to 100
No. 16	50 to 85
No. 30	25 to 60
No. 50	10 to 30
No. 100	2 to 10

907-611.02.4--Unit Pavers. Materials shall meet the following requirements: Average compressive strength exceeding 8,000 psi; Average absorption rate of less than 5 percent; and minimum 2-3/8 inch thickness. Pattern, size, and texture shall be as noted on the drawings. Color shall be selected by the Engineer, however, pigment in pavers shall conform to ASTM Designation: C 979. Pavers used for handicap ramps shall have truncated domes as

required by the Americans with Disabilities Act (ADA). Pavers shall be as manufactured by Pavestone Company, Austin, TX, or approved equal.

Sand swept in between pavers on handicap ramps shall be treated with Surebond SB-1370 Joint Sand Stabilizer/ Masonry Sealer, as manufactured by Surebond East, Camden NC 27921, or approved equal.

907-611.02.5--Concrete Band. Concrete bands shall meet the following requirements:

- A. Class B Concrete shall conform to the requirements of the Standard Specifications.
- B. Expansion Joint shall be 1/2-inch thick bituminous fiber expansion joint material, ASTM Designation: D 1751, or Preformed Asphaltic Expansion Joints conforming to the Standard Specifications for Preformed Expansion Joint Fillers for Concrete (Nonextruding and Resilient Types) AASHTO Designation: M 213 for bituminous types.

907-611.02.6--Sealant. The sealant shall be a clear, waterproofing and stain repellent sealant, manufactured for application on unit pavers. The Contractor shall submit six (6) copies of literature for approval prior to ordering the sealant. The sealant shall not reduce the abrasion (traction) capabilities of the unit pavers.

907-611.03--Construction Requirements.

907-611.03.1--Examination. The Contractor shall verify that the substrate is level, smooth, capable of supporting pavers and imposed loads, and ready to receive work of this Special Provision. The Contractor shall verify that the gradients and elevations of the substrate are correct.

907-611.03.2--Granular Material Base. The Contractor shall construct the base to the grades and in the thickness required as delineated on the drawings and in accordance with the Standard Specifications.

907-611.03.3--Sand Laying Course. Sand shall be spread to a maximum depth of one inch. The sand mix shall be compacted to a 95% standard proctor density. The course shall serve as the leveling bed for the pavers; however, elevations should be +1/4 inch to allow for final rolling/compaction following installation of pavers.

907-611.03.4--Unit Pavers. The Contractor shall perform the following items of work:

- A. Install paver units in the pattern as noted on the drawings, from straight reference edge, with hand tight joints and uniform top surface.
- B. Place half units, special shaped or cut units, and pre-cast units at edge and interruptions. Maintain tight evenly spaced joints. Make lines true to intended paving geometry.

- C. Maximum Joint Gap: 1/8 inch. Leave open throughout installation.
- D. Upon completion of installation uniformly tamp (or roll) pavers to required grade.
- E. Sprinkle sand over surface, sweep into joints and moisten. Top of finished joint shall be 1/2 inch below paver. Secure sand in handicap ramps with joint sand stabilizer/ masonry sealer in strict accordance with the manufacturer's written instructions.
- F. Apply clear sealant to pavers and elastomeric joint material at the appropriate time(s) that work will not be damaged by paver finishing operations. Materials shall be installed in strict accordance with the manufacturer's written instructions.

907-611.03.5--Protection of Finished Work. The Contractor shall not permit traffic over unprotected paver surface. The paver surface shall be protected with a layer of excess sand, sheets of plywood sheathing, or other method acceptable to the Engineer.

907-611.03.6--Cleaning. Soiled surfaces shall be cleaned using a cleaning solution; Do not harm pavers, joint materials, or adjacent surfaces. Non-metallic tools shall be used in cleaning operations. Surfaces shall be rinsed with clean water. Paving surfaces shall be broom cleaned. Excess sand shall be disposed of properly.

907-611.04--Method of Measurement. Unit Pavers, complete in place and accepted, will be measured by the square foot.

Concrete Band, complete in place and accepted, will be measured by the linear foot.

Costs associated with excavation required for granular material and concrete band, granular material, and sand laying course will not be measured for separate payment.

907-611.05--Basis of Payment. Unit Pavers shall be paid for at the contract unit price bid per square foot, which price shall be full compensation for furnishing all materials and supplies; for performing all work necessary for each completed unit; and for all equipment, tools, labor and incidentals necessary to complete the work.

Concrete Band shall be paid for at the contract unit price bid per linear foot, which price shall be full compensation for furnishing all materials and supplies; for performing all work necessary for each completed unit; and for all equipment, tools, labor and incidentals necessary to complete the work.

Payment will be made under:

- 907-611-D: Unit Pavers - per square foot
- 907-611-E: Concrete Band - per linear foot

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

| SPECIAL PROVISION NO. 907-699-3

CODE: (IS)

| DATE: 07/03/2003

SUBJECT: Construction Layout and Staking

Section 699, Construction Stakes, of the 1990 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

Delete in toto Section 699 on page nos. 699-1 and 699-2 and substitute the following:

SECTION 907-699--CONSTRUCTION STAKES

907-699.01--Description. This work consists of performing all calculations and other work necessary to establish and/or verify all horizontal and vertical control data; and furnishing, placing and maintaining roadway construction stakes or bridge construction stakes, or both, necessary for the proper prosecution of all features and items of the work under contract. This shall include, but not be limited to, grades and drainage structure locations, lengths, elevations and skews. When the contract includes a pay item for roadway construction stakes as provided herein, any references in other sections of the Standard Specifications to establishment of control points or construction staking "by the Department" shall be construed to mean "by the Contractor".

907-699.02--Materials. The Contractor shall furnish all personnel, materials, equipment and devices necessary for determining, establishing, setting, checking and maintaining points, lines, grades and layout of the work. All surveying equipment shall be properly adjusted and suited for performing the work required. Traffic control necessary for the proper execution of the work shall be furnished by the Contractor without separate measurement for payment. Stakes shall be of sufficient length, thickness and quality to serve the purpose for which they are being used.

907-699.03--Construction Requirements. The Department will establish, one time only, reference points and bench marks at distances not to exceed 1000 feet for roadway work. For bridge work, the Engineer's field control will consist of a stationed baseline reference point near each end of the bridge(s) and one accessible bench mark near each bridge site. For the purpose of determining responsibility for construction stakes, lines and grades, a box bridge will not be considered as a bridge. The Contractor shall verify the accuracy of the control points before proceeding with the layout for construction.

When errors are discovered and control points do not agree with the plans, the Contractor shall promptly notify the Engineer in writing, and explain the problem in detail. The Engineer will advise the Contractor within five (5) working days of any corrective actions which may be deemed necessary.

The Contractor will be responsible for verifying and modifying, as necessary to best fit existing field conditions, lengths, locations, elevations and skew angles of all drainage structures shown on the construction plans. All junction box and inlet locations and heights shall also be verified and modified as necessary to fit existing field conditions. Modifications to the plans shall not be made without the consent of the Project Engineer. The Contractor will not be responsible for determining the size of drainage structures, but should immediately report any suspected error to the Engineer. Heights of fill over drainage structures shall be checked to verify class of pipe, bedding and the appropriate standard and/or modified standard drawing(s) required in the construction with any differences from the plans being reported to the Engineer.

The Contractor shall perform work necessary to verify alignment and plan grades on all roadway intersections and tie-ins. Any discrepancies in grades, alignment, location and or dimension detected by the Contractor shall immediately be brought to the attention of the Project Engineer.

The Contractor shall employ sufficient qualified personnel experienced in highway surveying and layout to complete the work accurately. The Contractor shall also determine and provide all additional grade controls and staking operations necessary to secure a correct layout and construction of the work. All minor variations in layout and grades required to meet field conditions shall be resolved with the Engineer and shall not be considered justification for adjusting contract price or time.

Examples of minor variations in layout and grades are:

- (a) Adjustment of drainage or other structure length, alignment, and flow line elevation.
- (b) The adjustment of grades and alignment at roadway intersections, cross-overs, railroad crossings, interchanges, existing bridges and roadways.
- (c) Adjustment of curve data.

The Contractor will be responsible for **calculating and laying out** all **additional** lines, grades, elevations and dimensions **necessary to construct the work required in the plans**. All grades and other layout data computed by the Contractor shall be recorded and a copy of this data shall be furnished, with sufficient time for checking, to the Engineer before field work is started. The originals of all data shall be furnished to the Engineer on or before final inspection for the Department's permanent file. The Contractor shall also furnish personnel to assist the Engineer in taking stringline or other notes to determine whether specified tolerances are met. Any inspection or checking of the Contractor's layout by the Engineer and the approval of all or any part of it will not relieve the Contractor of the responsibility to secure proper dimensions, grades, and elevations of the several parts of the work.

Prior to beginning construction on any structure which is referenced to an existing structure or topographical feature, the Contractor shall check the pertinent location and grades of the existing structures or topographical features to determine whether the location and grade shown on the plans are correct.

The Contractor shall stake centerline control at each station, BOP, EOP, PC, PT, SC, CS, TS, ST, and equations just before field cross sectioning by the Department for both original and final cross sections.

The Contractor shall furnish "as built" finish centerline elevations to the Project Engineer prior to final inspection of the project.

The Contractor shall set stakes and/or flags on the right-of-way line at each station and right-of-way break or as directed by the Engineer before clearing operations are started on any section of roadway.

On grading projects, the Contractor shall set slope stakes at each station and at the beginning and end of spirals and curves. Closer intervals will be required for sharp changes in grades or alignment, widening and certain other geometric details.

The Contractor shall set subgrade blue tops on centerline, break points and at the left and right subgrade shoulder lines at intervals of not more than 100 feet on tangents and intervals of not more than 50 feet in curves. Closer intervals will be required for sharp changes in grades or alignment, widening, or super elevation.

On paving contracts, the Contractor shall set subgrade, base and paving blue tops. The base and pavement blue tops shall be set on intervals in accordance with the appropriate applicable requirements of Sections 321, 403 and 501.

The Contractor shall exercise care in the preservation of stakes and bench marks and shall reset them when they are damaged, lost, displaced or removed. The Contractor shall use competent personnel and suitable equipment for the layout work required and shall provide that it be performed under the supervision of, or directed by, a Registered Professional Engineer or Registered Land Surveyor who is duly registered and entitled to practice as a Professional Engineer or Professional Land Surveyor in the State of Mississippi. The duties performed by said Registrant shall conform to the definitions under the "practice of engineering" and practice of "land surveying" in Mississippi Law. The Contractor shall not engage the services of any person in the employ of the Department for the performance of any of the work covered by this Section or any person who has been employed by the Department within the past six months except those who have legitimately retired from service with the Department during this period.

All cross sections, measurements, and tickets required for determining pay quantities will be the responsibility of the Department.

The Department reserves the right to check for accuracy any or all of the Contractor's layout work and shall be assisted by the Contractor's personnel in such checking. When errors or discrepancies are found, the Contractor will take measures necessary to correct, at no expense to the State, any construction that has been performed using the improper layout. Any inspection, checking and approval thereof by the Engineer of work for which the Contractor is responsible will not relieve the Contractor of responsibility to secure correct dimensions, grades, elevations, alignments and locations of the work for satisfactory completion of the project and as a condition for final acceptance by the Department.

907-699.04--Method of Measurement. Construction stakes will be measured as a lump sum quantity. When Pay Item No. 907-699-A, Roadway Construction Stakes, is provided in the contract, measurement shall include the staking of all bridges, including detour bridges, which are a part of the contract.

907-699.04.1--Roadway Construction Stakes. Measurement for payment will be in accordance with the following schedule:

- (a) When one percent of the original contract amount is earned from all direct pay items, 10 percent of the amount bid for Roadway Construction Stakes will be paid.
- (b) When five percent of the original contract amount is earned from all direct pay items, 25 percent of the amount bid for Roadway Construction Stakes will be paid.
- (c) When 20 percent of the original contract amount is earned from all direct pay items, 50 percent of the amount bid for Roadway Construction Stakes will be paid.
- (d) After the Contractor has earned 50 percent of the original value of all direct pay items, the amount paid will be based on the contract percent complete.

907-699.04.2--Bridge Construction Stakes. Measurement for payment will be in accordance with the following schedule:

- (a) When one percent of the original contract value of all bridge items is earned, 10 percent of the amount bid for Bridge Construction Stakes will be paid.
- (b) When five percent of the original contract value of all bridge items is earned, 25 percent of the amount bid for Bridge Construction Stakes will be paid.
- (c) When 20 percent of the original contract value of all bridge items is earned, 50 percent of the amount bid for Bridge Construction Stakes will be paid.
- (d) After the Contractor has earned 50 percent of original contract value of all bridge items, the amount paid will be based on the percentage of work completed on all bridge items.

907-699.05--Basis of Payment. Construction stakes, measured as prescribed in Subsection 907-699.04, will be paid for at the contract lump sum price, which shall be full compensation for completing the work.

Payment will be made under:

- 907-699-A: Roadway Construction Stakes - lump sum
- 907-699-B: Bridge Construction Stakes - lump sum

SECTION 905

BWO-3074-82(002) / 501242

PROPOSAL (Sheet No. 2- 5)

Yazoo County

REF. NO.	PAY ITEM NO.	ADJ. CODE	APPROX. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE		ITEM TOTAL	
						DOLLAR	CENT	DOLLAR	CENT
(260)	608-B	(S)		4 square yard	Concrete Sidewalk (With Reinforcement)				
(270)	609-B	(S)		120 linear foot	Concrete Curb, Header				
(280)	609-D	(S)		170 linear foot	Combination Concrete Curb and Gutter Type 3B				
(290)	907-625-E			126 linear foot	Detail Traffic Stripe				
(300)	907-611-D ADDED 03/15/2004			404 square foot	Unit Pavers				
(310)	907-611-E ADDED 03/15/2004			85 linear foot	Concrete Band				

SUBTOTAL - DIRECT PAY ITEMS.....\$ _____

(02/10/2004)

SECTION 905

BWO-3074-82(002) / 501242

PROPOSAL (Sheet No. 2- 6)

Yazoo County

REF. NO.	PAY ITEM NO.	ADJ. CODE	APPROX. QUANTITY	UNIT	DESCRIPTION	UNIT PRICE		ITEM TOTAL	
						DOLLAR	CENT	DOLLAR	CENT

DEPENDENT PAY ITEMS

(320)	907-699-A				lump sum Roadway Construction Stakes	XXXXXXXXXXXX	XXXX		
ADDED	03/15/2004					XXXXXXXXXXXX	XXXX		
						XXXXXXXXXXXX	XXXX		
						XXXXXXXXXXXX	XXXX		

SUBTOTAL - DEPENDENT ITEMS.....\$ _____

SECTION 905

BWO-3074-82(002) / 501242

PROPOSAL (Sheet No. 2- 7)

Yazoo County

TOTAL BID - DIRECT AND DEPENDENT ITEMS\$ _____

*** SIGNATURE STATEMENT ***

BIDDER ACKNOWLEDGES THAT HE/SHE HAS CHECKED ALL ITEMS IN THIS PROPOSAL FOR ACCURACY AND CERTIFIED THAT THE FIGURES SHOWN THEREIN CONSTITUTE THEIR OFFICIAL BID.

BIDDER'S SIGNATURE