

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 8/21/2007 ADDENDUM NO. DATED
 ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description
1	Revised Table of Content; Revised NTB 1627, replaces same; SP 907-687-5, replaces 907-687-4; Bidsheets, replace same; Revised Plan Sht. Nos. (2 & 10 in Plan A) & (2 & 4 in Plan B); Addendum Disk Required.

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

Respectfully Submitted,

DATE _____

 Contractor

BY _____
 Signature

TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PHONE _____

FAX _____

E-MAIL _____

(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.

ER-NH-0003-01(108) / 104569306 ER-NH-0003-01(108) / 104569308 Harrison County(ies)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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ER-NH-0003-01(108) / 104569308 -- Harrison County**

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- 907-708-3: Non Metal Drainage Structures
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NON-COLLUSION CERTIFICATE,
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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. 1627

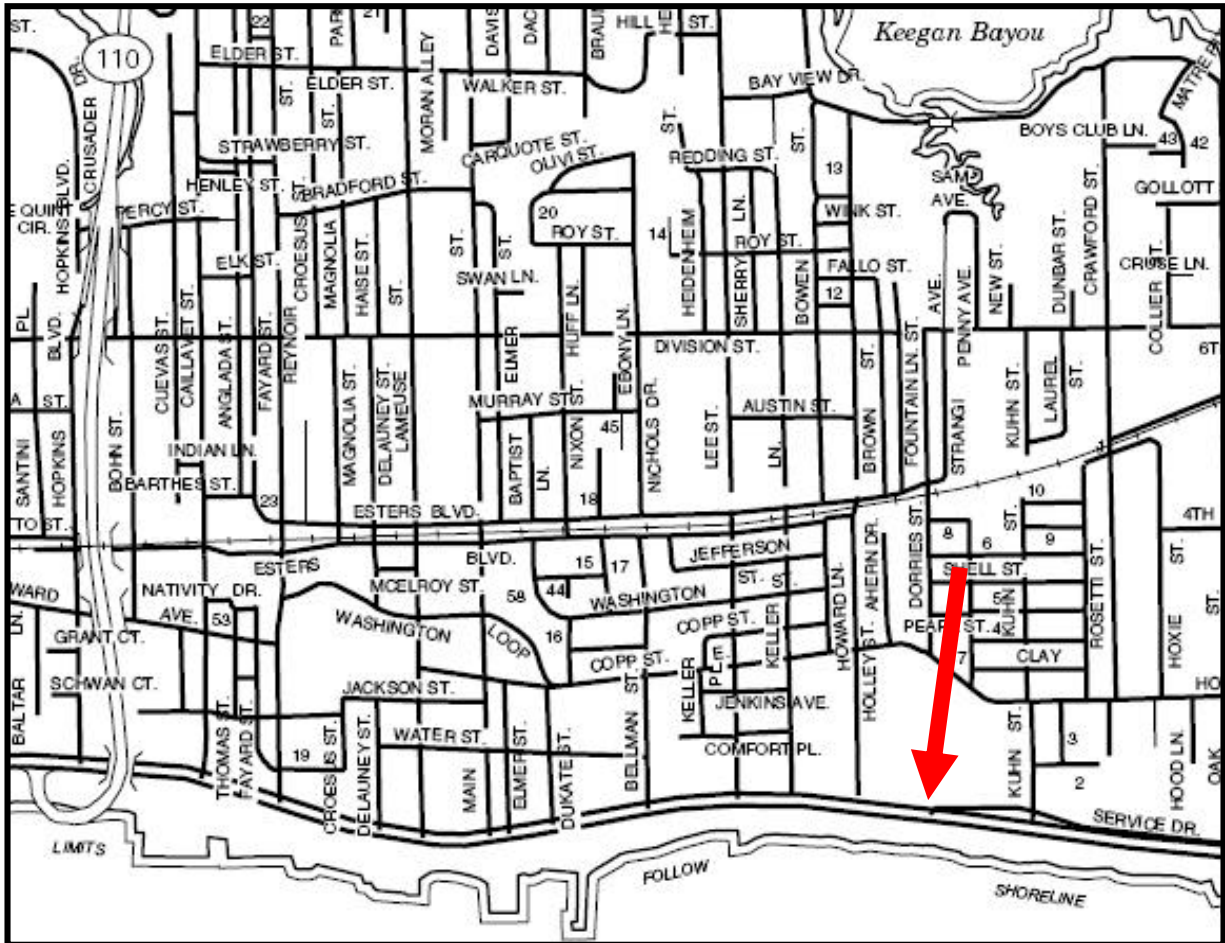
CODE: (SP)

DATE: 08/21/2007

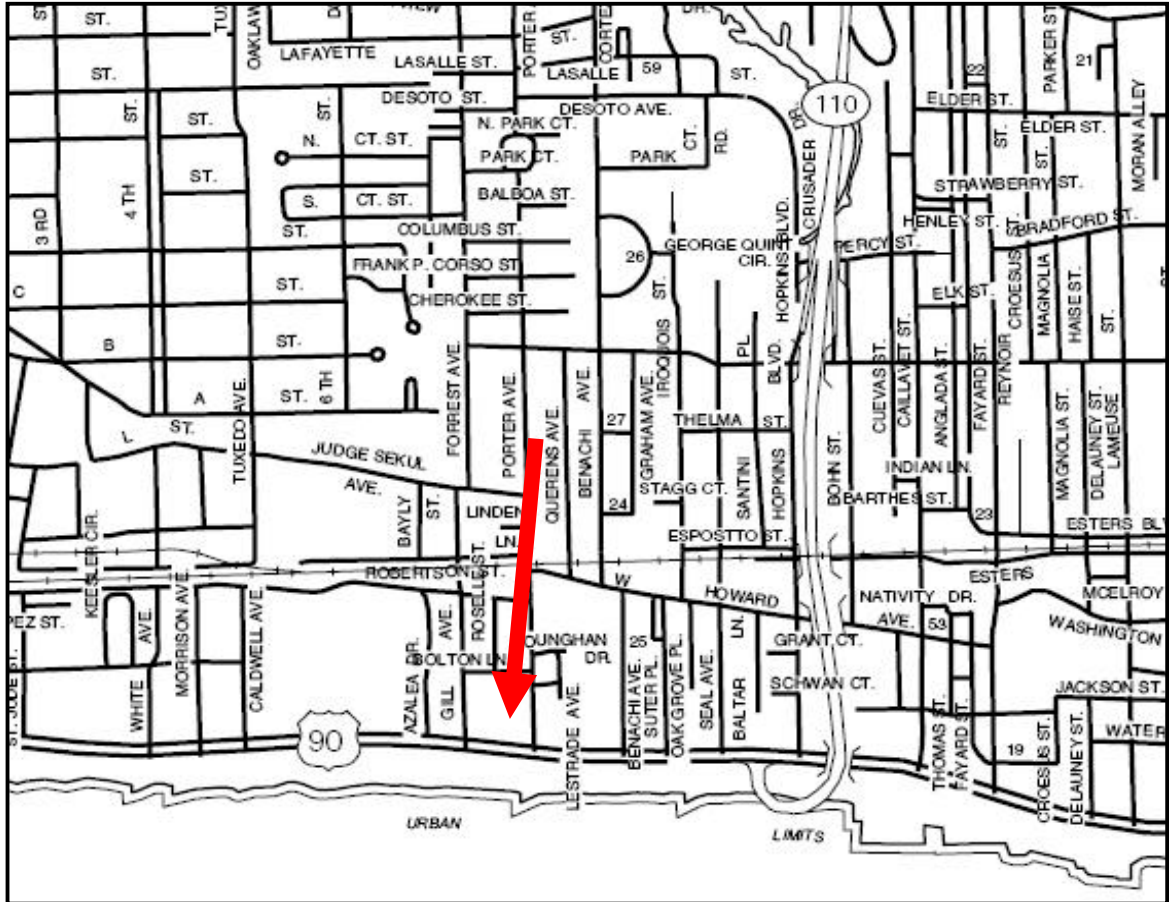
SUBJECT: Automatic Traffic Recorder (ATR) Site

PROJECT: ER-NH-0003-01(108) / 104569306 & 308 -- Harrison County

Attached is a map showing the location of the Automatic Traffic Recorder (ATR).



<p align="center">Site 2</p>	<p>Location: US 90, Harrison Co.</p>
<p>1.2 Mi. E of I-110 4 Lanes Total, divided (27 ft median) 12 ft lanes with no shoulder Asphalt pavement</p>	<p>N 30° 23' 36.13" W 88° 52' 31.62"</p>
<p align="center">Equipment Location</p>	<p align="center">Location Map for Automatic Traffic Recorder Station</p>
<p>Equipment cabinet located WB Power and Phone visible ATR machine to be 20 ft. from shoulder</p>	<p align="center">Date 17-May-07 Prepared By Planning Division Mississippi Department of Transportation</p>



<p>New Site for US 90 W of I-110 0.2 Mi. W from lighthouse on US 90 4 Lanes Total, divided (103 ft median) 11.5 ft lanes with no shoulder Asphalt pavement</p>	<p>Location: US 90, Harrison Co. N 30° 23' 42.11" W 88° 54' 21.85"</p>
<p>Equipment Location Equipment located WB Power and Phone visible, 262 ft from road ATR machine to be 40 ft. from shoulder Suitable for volume only</p>	<p>Location Map for Automatic Traffic Recorder Station</p> <p>Date 17-May-07</p> <p>Prepared By Planning Division</p> <p>Mississippi Department of Transportation</p>

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-687-5

CODE: (SP)

DATE: 08/21/2007

SUBJECT: Loop, Sensor, Loop Automatic Traffic Recorder (ATR) Station

PROJECT: ER-NH-0003-01(108) / 104569306 & 308 -- Harrison County

Section 907-687, Vehicle Inductive Loop And Axle Detector Systems, is hereby added to and made a part of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as follows:

SECTION 907-687 - VEHICLE INDUCTIVE LOOP AND AXLE DETECTOR SYSTEMS

907-687.01--Description. This work consists of furnishing vehicle inductive loop and axle detector systems of the types specified and assembling, constructing, erecting, and installing same in conformity with these specifications to insure properly operating units in accordance with the designs and at the locations shown on the plans or as directed. This axle detector system should classify vehicles in all lanes of traffic. Submittals shall be submitted to the Project Engineer who will immediately forward them to the Engineering Analysis Section of the Planning Division and will be returned within a seven business days from the time they are received in Planning Division. The system should also be compatible for future upgrading to a Weigh-In-Motion system using a solid-state WIM card.

The Contractor shall include all hardware necessary to operate the field station for extended periods unattended.

- 1) The System shall utilize one (1) Class II Piezo strip as utilized by Mikros System and two (2) loops, as recommended by the manufacturer in all lanes for the temporary installation & one (1) Class II Piezo strip as utilized by Tel System and two (2) loops, as recommended by the manufacturer in all lanes for permanent installations.
- 2) The vendor shall provide three (3) copies of all manuals on Installation, Operating, Schematics, and Maintenance for the entire System.

The Piezo sensors, equipment cabinet, inductive loops, cables, leads, software, and electronic hardware will be furnished, installed, tested, calibrated and made operational by the Contractor. The Contractor shall provide all services required for construction, tests, the satisfactory performance period(s), and miscellaneous usage on this project until the final inspection of the project. All cost including deposits, customer charges, connection cost, etc., associated with the System up, to and including the date of the final inspection of the System, shall be the responsibility of the Contractor. At least 24 hours prior to starting any work, the Contractor shall contact the MDOT Planning Division at 601-359-7685 so that a representative of the Planning Division can be on site while this work is being performed.

907-687.02--Materials. The materials used in this construction shall conform with the general requirements of these specifications and the specific requirements set out herein. Prior to the scheduled start of work, the Contractor shall provide the Engineer with submittals on the following items and shall obtain the Engineer's approval before starting affected work.

907-687.02.1--Sensors. Vehicle axle detectors shall utilize piezoelectric cable in a sensor assembly and be of a type that has been shown to be successful for vehicle classification in both asphaltic and portland cement concrete pavements. Sensor length shall be eleven (11) feet minimum. Sensors as delivered from manufacturer shall include a shielded transmission cable of sufficient length for a continuous run to pull box without splicing.

907-687.02.1.1--Piezoelectric Cable/Sensors. Piezoelectric Cable/Sensors shall be as those utilized by Mikros System. Sensitivity dispersion shall be Class II, $\pm 5\%$.

907-687.02.2--Shielded Transmission Cable. Coaxial cable type RG58 C/U shall conform to IMSA 50-2 for polyethylene insulated, polyethylene jacketed cable, AWG #14. Cable shall meet the requirements of Section 636 for the Standard Specifications.

907-687.02.3--Conduit and Pull Boxes. Conduit and pull boxes shall meet the requirements of Section 668 of the Standard Specifications.

907-687.02.3.1--Under Roadways. Conduit shall be Schedule 80 PVC or coated rigid galvanized steel.

907-687.02.3.2--Other Conduit. Other conduit shall be Schedule 40 PVC direct buried conduit unless noted otherwise.

907-687.02.3.3--Pull Boxes. Size shall be Type 2, cover does not require words inscribed on top.

907-687.02.4--Loop Wire. Loop wire, IMSA 51-3, AWG #14, shall meet the requirements of Subsection 722.03 of the 2004 Standard Specifications..

907-687.02.5--Loop Sealant. Loop sealant shall be "Traffic Loop Sealant" as manufactured by 3M Corporation, or approved equal.

907-687.02.6--Sensor Cement. The sensor assembly shall be cemented into the pavement with an epoxy resin of a type recommended by the sensor manufacturer.

907-687.03--Construction Requirements. The general layout of the work shall conform to the detail shown on typical installation plans and shall be verified at each location with the Planning Engineer. The vendor shall have a representative on site during installations. Any safety hazards to the public, such as open holes on site during construction may require a lane closure overnight as directed by the Engineer.

907-687.03.1--Manufacturer's Recommendations. Sensors must be installed in accordance with the approved procedures and specifications provided by the sensor manufacturer. All sensors and connecting cables shall be positioned and installed to assure compatibility with the inductive loops to provide electrical signals for vehicle classification.

907-687.03.2--Conflicts. Conflicts between any piece of equipment, which if installed as shown in relation to any previously installed equipment, may impair the proper operation of that equipment, shall be resolved by the Contractor as approved by the Engineer.

907-687.03.3--Conduit Runs. The number of conductors, conduits and fittings necessary to produce an operative system as specified herein shall be provided. It is the intent of these specifications to have all joints, connections, etc. completely water and moisture tight. Shielded transmission cable and wire leads shall be installed in conduit from paved shoulders to pull boxes.

907-687.03.4--Slots in Pavement. All slots required in pavement and paved shoulders shall be saw cut with diamond blade power saw. Edges shall be straight, smooth and true. Depth shall be uniform.

907-687.03.4.1--Loop Slots. Slots for loop wire shall be ¼-inch minimum width. Depth in asphalt shall be 2¼ inches and 1½ inches in concrete. Diagonal slots shall be cut at corners by overlapping cuts so that the entire slot intended for wire has full depth. There shall be no jagged edges or protrusions which may damage wire.

907-687.03.4.2--Cable Slots. Slots for cable shall be ½-inch width ($\pm 1/16$) and 2 ¼-inch depth. Do not exceed 45 degree turns and overlap cuts so that slot has full depth. There shall be no jagged edges or protrusions which may damage cable. Cable leads from each sensor shall be run in individual saw cut slots at a minimum spacing of 12 inches.

907-687.03.4.3--Sensors Slots. Slots for sensors shall be of the width and depth specified by the sensor manufacturer. Cavity of sensor slots may be made with chisel between saw cut sides, but bottom shall be smooth and level, without protrusions. In overlay of four inches (4") or less, the slot shall extend to the top of the course below the overlay. Before placing sensor, the slot shall be cleaned with compressed air.

907-687.03.5--Loop Assemblies. Inductive loop assemblies shall meet the requirements of Section 635 of the Standard Specifications.

907-687.03.6--Inspection. Pavement slots shall be inspected at time of sensor and cable installation. Surfaces shall be clean and dry, free of all dust, grit, moisture and other contaminants that might affect sealant or cement bond.

907-687.03.6.1--Sensor Check. Prior to final installation, sensor assembly shall be placed in position in slot and inspected for compliance with manufacturer's requirements as to clearance, surface alignment, etc. Sensor output shall be checked using oscilloscope.

907-687.03.6.2--Cable Inspection. The cable shall not have any cuts, nicks, abrasions or breaks in the insulation at the time of filling slot with sealant. Any sensor having defects in the shielded transmission cable shall be replaced.

907-687.03.6.3--Loop Inspection. The loop wire shall not have any cuts, nicks, abrasions or breaks in the insulation before or after installation in the slot. Loop inductance shall be 124 microhenries.

907-687.03.7--Sensor Installation. Approved epoxy cement shall completely fill the cavity spaces and surround all four sides of the sensor assembly. All excess encapsulant shall be removed from pavement surface and sensor to conduit to prevent damage during installation. Sensor installation shall be protected from traffic until epoxy cement is sufficiently cured.

907-687.03.8--Sleeves. Flexible sleeve or other protection shall be provided for shielded cable at sensor ends to prevent damage. The Contractor shall take care to insure that the sleeve is not filled with epoxy cement. In addition, the Contractor shall provide flexible sleeve, approximately 12 inches long, at pavement construction joints including joints between lanes and between pavement and paved shoulder.

907-687.03.9--Cable and Wire Installation. The cable or lead wires shall be placed in the bottom of the slot so that there are no kinks, curls, straining or stretching of the insulation. Special care shall be taken in seating the cable and wire so that the insulation will not be broken or abraded. No sharp tools such as screwdriver or metal object shall be used for this operation.

907-687.03.9.1--Conditions. The Contractor shall install the sealant in strict adherence to the manufacturer's recommendation and these specifications. No sealant shall be installed during inclement weather or under any condition which might introduce moisture into the pavement slots.

907-687.03.9.2--Sealant. The viscosity of the sealant shall be such that it can be readily placed in the slot, completely surround the wires, displace all air and fill the slot so that the sealant is flush with the roadway surface. The finished installation shall be waterproof and present a neat workmanlike appearance. Minimum required clearance shall be maintained to cable and wire.

907-687.03.9.3--Protection. The sealant shall be sufficiently hardened before allowing traffic on it.

907-687.03.10--Cleaning. All excess encapsulate and sealant shall be removed from pavement surface and sensor after installation. A hand grinder shall be used, if necessary, to smooth out rough or high areas that might affect sensor operation.

907-687.03.11-Tags. Each shielded transmission cable and pair of lead wires shall be uniquely identified by an insulated, waterproof tag in every pull box.

907-687.03.12--Trenching and Backfilling. All trenching shall be done by mechanical means and all sides shall be straight and vertical. Width of trenches shall not exceed eight (8) inches on

either side of placed conduits. All backfill shall be made with a friable material, which has been approved by the Engineer. Place material in compacted lifts as approved by the Engineer. The site, including shoulders and grassing, shall be returned to its original condition

907-687.03.13--Jacking or Boring. Approved jacking or boring methods shall be used where a conduit must be placed under an existing roadway. Jacking/boring pits shall be kept a minimum of five (5) feet from the edge of shoulder, and care shall be taken not to disturb existing pavement. Excessive use of water or other methods which could undermine pavements shall not be permitted. The jacking/boring site must be returned to its undisturbed state upon completion of the operation. Only experienced labor shall be used for jacking/boring work. Conduit shall be not less than 36 inches below pavement surface.

907-687.03.14--Pull Boxes. Pull boxes shall be located at least 10 feet from shoulder. Pull boxes shall be set on 12 inches minimum thickness washed gravel. Holes for drainage shall be provided in bottom of pull box. Locate conduit entering pull box so as to leave the major portion of the box clear.

907-687.03.15--Conduit. Conduit shall be laid to a depth of not less than 36 inches below the finished grade, except at conduit ends. All conduits shall be run at least 10 feet outside shoulder unless otherwise approved. One size of conduit shall be used for each run; no reducing couplings will be permitted.

907-687.03.16--Conductor Installation. Before placing shielded cable or wire leads in conduit, the conduit shall be cleaned with compressed air and rigid metal conduit shall be cleaned with a mandrel. Only approved lubricants which will not injure conductor insulation while pulling cables shall be used.

907-687.03.16.1--Splices. Splices shall be made in pull boxes only, soldered, and sealed in an Inline Resin Splice Kit. An insulation equal in rating and thickness to the conductor insulation shall be provided.

907-687.03.17--System Acceptance. The Contractor shall be required to demonstrate to the Engineer the satisfactory operation of each device installed on this project.

907-687.03.18--Material Warranty. The following warranty stipulations are in addition to those covered by Subsection 106.01 of the Standard Specifications.

907-687.03.18.1--Final Inspection. Upon completion of each individual site, a site inspection shall be made. For permanent installations, the vehicle inductive loop and axle detector system shall have polled without any problems for at least 10 consecutive days prior to the site inspection. All sensors, loops and related components shall be fully operational at the final inspection of the project.

The Contractor, with Planning Division representatives present to verify that the site is working properly, shall test all vehicle inductive loop and axle detector systems. The site will only be released once the data has been tested and verified in the office by Planning Division staff.

907-687.03.18.2--Guarantee. At each location, the Contractor shall warrant and guarantee all sensors, loops and related components for a period of twelve (12) months, beginning at the date of partial or final release from maintenance, whichever is earlier.

907-687.03.18.3--Responsibility. It is the intent of the preceding paragraph to provide for equipment that performs as intended by the manufacturer. It is the further intent to obtain from the Contractor a level of workmanship that will assure the Department of an operation system devoid of Contractor laxities. Failure to perform as indicated shall require the Contractor to replace in kind or repair, at his option, the equipment or workmanship in question. All material and labor cost resulting from the replacement or repair of equipment or correction of poor workmanship shall be borne by the Contractor.

907-687.03.18.4--Repairs. The Contractor shall not be responsible for outages occurring during the twelve-month warranty period due to vandalism, traffic accidents, or any problems not related to materials or workmanship. The Contractor will be required to make the necessary repairs for such outages but the cost of such repair will be borne by the Department.

907-687.03.18.5--Manufacturer's Guarantees. All manufacturer's standard warranties or guarantees for all electrical and mechanical equipment which are provided as customary trade practice shall be made over to the Department and shall begin simultaneously with the commencement of the twelve month warranty period.

907-687.04--Method of Measurement. Loop, Sensor, Loop ATR Station, of the type specified, complete in place and accepted, will be measured per each location. Such measurement shall include all materials, labor, equipment, operation, and other incidentals necessary to complete all the work.

907-687.05--Basis of Payment. Loop, Sensor, Loop ATR Station, measured as prescribed above, will be paid for at the contract unit price per location, which price shall be full compensation for furnishing, installing, testing and guaranteeing all equipment and for all other labor, tools, and incidentals necessary to complete the work.

Payment will be made under:

907-687-A: Loop, Sensor, Loop ATR Station, * - per each

907-687-B: Loop, Sensor, Loop Temporary Traffic Station, * - per each

* Site No. or Location may be specified

Grading, Draining, Paving & Replacing traffic signals on US 90 between Rodenburg Ave. and Biloxi Bay, known as Federal Aid Project Nos. ER-NH-0003-01(108) / 104569306 & ER-NH-0003-01(108) / 104569308, in the County of Harrison, State of Mississippi.

I (We) agree to complete the entire project within the specified contract time.

***** SPECIAL NOTICE TO BIDDERS *****

**BIDS WILL NOT BE CONSIDERED UNLESS BOTH UNIT PRICES AND ITEM TOTALS ARE ENTERED.
 BIDS WILL NOT BE CONSIDERED UNLESS THE BID CERTIFICATION LOCATED AT THE END OF THE BID SHEETS IS SIGNED**

*****BID SCHEDULE*****

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Item Amount	
						Dollar	Ct	Dollar	Ct
Roadway Items									
0010	201-A001		1	Lump Sum	Clearing and Grubbing	XXXXXXXX	XXX		
0020	202-A001		1	Lump Sum	Removal of Obstructions	XXXXXXXX	XXX		
0030	202-B024		3,845	Square Yard	Removal of Concrete Median & Island Pavement, All Depths				
0040	202-B035		12,373	Square Yard	Removal of Concrete Sidewalk				
0050	202-B038		78,324	Linear Feet	Removal of Curb, All Types				
0060	202-B047		1	Each	Removal of Guard Rail Bridge End Section, Type H				
0070	202-B051		75	Linear Feet	Removal of Guard Rail, Double Faced Rail Including Hardware, Post & Rail				
0080	202-B057		2	Each	Removal of Inlets, All Sizes				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price	Bid Amount	
0090	202-B078		2,840	Square Yard	Removal of Pavement, All Types and Depths			
0100	202-B094		93	Linear Feet	Removal of Curb &/or Curb and Gutter, All Types			
0110	202-B102		168	Linear Feet	Removal of Guard Rail			
0120	202-B106		4,268	Linear Feet	Removal of Pipe, All Sizes			
0130	202-B137		1	Each	Removal of Guard Rail Cable Anchor			
0140	202-B174		1,062	Linear Feet	Removal of Debris and Sand From Box Culvert, Less Than 6-foot Width			
0150	202-B175		267	Each	Removal of Debris and Sand From Inlet and Junction Box, AllTypes & Sizes			
0160	202-B176		16,098	Linear Feet	Removal of Debris and Sand From Pipe, 18" to Less Than 36" Diameter			
0170	202-B177		2,616	Linear Feet	Removal of Debris and Sand From Pipe, 36" to Less Than 54" Diamater			
0180	202-B179		150	Linear Feet	Removal of Debris and Sand From Pipe, 51" x 31" Arch Pipe			
0190	202-B181		736	Linear Feet	Removal of Debris and Sand From Pipe, 65" x 40" Arch Pipe			
0200	202-B182		2,201	Linear Feet	Removal of Debris and Sand From Pipe, Less Than 18" Diameter			

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0210	202-B189		1	Each	Removal of Impact Attenuator				
0220	202-B218		7	Each	Removal of Inlet Tops				
0230	202-B219		279	Each	Removal of and Replacement of SS-2 Inlet Top				
0240	202-B220		326	Linear Feet	Removal of Debris and Sand From Pipe, 58" x 36" Arch Pipe				
0250	202-B221		106	Linear Feet	Removal of Debris and Sand From Pipe, 72" x 51" Arch Pipe				
0260	202-B222		6,917	Linear Feet	Removal of Debris and Sand From Pipe, 15" Slotted Metal Pipe				
0270	203-A002	(E)	417	Cubic Yard	Unclassified Excavation, LVM				
0280	203-EX006	(E)	2,478	Cubic Yard	Borrow Excavation, AH, LVM, Class B3				
0290	203-H004	(E)	100	Cubic Yard	Surplus Excavation, LVM, AH				
0300	206-A001	(S)	405	Cubic Yard	Structure Excavation				
0310	213-C001		17	Ton	Superphosphate				
0320	216-B004		5,000	Square Yard	Solid Sodding, Bermuda				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0330	219-A001		100	Thousand Gallon	Watering	20.	00	2,000.	00
0340	220-A001		17	Acre	Insect Pest Control	30.	00	510.	00
0350	234-A001		49,300	Linear Feet	Temporary Silt Fence				
0360	235-A001		200	Bale	Temporary Erosion Checks				
0370	406-A001		226,661	Square Yard	Cold Milling of Bituminous Pavement, All Depths				
0380	413-E001		41,360	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement				
0390	503-C007		1,000	Linear Feet	Saw Cut, Full Depth				
0400	601-B001	(S)	31	Cubic Yard	Class "B" Structural Concrete, Minor Structures				
0410	602-A001	(S)	2,297	Pounds	Reinforcing Steel				
0420	603-CA002	(S)	1,984	Linear Feet	18" Reinforced Concrete Pipe, Class III				
0430	603-CA003	(S)	1,064	Linear Feet	24" Reinforced Concrete Pipe, Class III				
0440	603-CA004	(S)	428	Linear Feet	30" Reinforced Concrete Pipe, Class III				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0450	603-CA005	(S)	880	Linear Feet	36" Reinforced Concrete Pipe, Class III				
0460	603-CA006	(S)	232	Linear Feet	42" Reinforced Concrete Pipe, Class III				
0470	603-CE006	(S)	40	Linear Feet	58" x 36" Concrete Arch Pipe, Class A III				
0480	603-CE007	(S)	80	Linear Feet	65" x 40" Concrete Arch Pipe, Class A III				
0490	604-A001		4,373	Pounds	Castings				
0500	606-A002		63	Each	Guard Post, Type II Modified				
0510	606-B002		75	Linear Feet	Guard Rail, Class A, Type 1, Double Faced				
0520	606-B003		263	Linear Feet	Guard Rail, Class A, Type 1, Wood Post				
0530	606-C003		1	Each	Guard Rail, Cable Anchor, Type 1				
0540	606-D008		1	Each	Guard Rail, Bridge End Section, Type H				
0550	608-A001	(S)	17,013	Square Yard	Concrete Sidewalk, Without Reinforcement				
0560	609-B001	(S)	863	Linear Feet	Concrete Curb, Header				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0570	609-B002	(S)	442	Linear Feet	Concrete Curb, Doweled				
0580	609-B008	(S)	59,888	Linear Feet	Concrete Curb, Special Design Header, Type 1				
0590	609-B009	(S)	17,969	Linear Feet	Concrete Curb, Special Design Header, Type 2				
0600	609-D002	(S)	685	Linear Feet	Combination Concrete Curb and Gutter Type 2				
0610	609-D016	(S)	93	Linear Feet	Combination Concrete Curb and Gutter Type 3 Modified				
0620	613-D007		2	Each	Adjustment of Utility Appurtenance				
0630	616-A001	(S)	4,885	Square Yard	Concrete Median and/or Island Pavement, 4-inch				
0640	616-A003	(S)	766	Square Yard	Concrete Median and/or Island Pavement, 10-inch				
0650	618-A001		1	Lump Sum	Maintenance of Traffic	XXXXXXXXX	XXX		
0660	619-A1004		3	Mile	Temporary Traffic Stripe, Continuous White, Paint				
0670	619-A2004		3	Mile	Temporary Traffic Stripe, Continuous Yellow, Paint				
0680	619-A3007		21	Mile	Temporary Traffic Stripe, Skip White, Paint				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0690	619-A4002		2,080	Linear Feet	Temporary Traffic Stripe, Skip Yellow, Paint				
0700	619-A5002		13,786	Linear Feet	Temporary Traffic Stripe, Detail, Paint				
0710	619-A6003		14,552	Linear Feet	Temporary Traffic Stripe, Legend, Paint				
0720	619-A6004		2,071	Square Feet	Temporary Traffic Stripe, Legend, Paint				
0730	619-D1001		32	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet				
0740	619-D2001		696	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More				
0750	619-G4005		48	Linear Feet	Barricades, Type III, Double Faced				
0760	620-A001		1	Lump Sum	Mobilization	XXXXXXXX	XXX		
0770	626-A002		11	Mile	6" Thermoplastic Traffic Stripe, Skip White				
0780	626-B002		2	Mile	6" Thermoplastic Traffic Stripe, Continuous White				
0790	626-D001		1,040	Linear Feet	6" Thermoplastic Traffic Stripe, Skip Yellow				
0800	626-E002		2	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0810	626-G001		33,426	Linear Feet	Thermoplastic Detail Stripe, White				
0820	626-G002		16,582	Linear Feet	Thermoplastic Detail Stripe, Yellow				
0830	626-H001		5,794	Square Feet	Thermoplastic Legend, White				
0840	626-H002		22,644	Linear Feet	Thermoplastic Legend, White				
0850	627-K001		2,114	Each	Red-Clear Reflective High Performance Raised Markers				
0860	627-L001		312	Each	Two-Way Yellow Reflective High Performance Raised Markers				
0870	629-A001		1	Each	Vehicular Impact Attenuator, 50 MPH				
0880	630-A001		1,121	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness				
0890	630-A002		706	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness				
0900	630-B001		553	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted				
0910	630-B002		250	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted				
0920	630-C004		2,698	Linear Feet	Steel U-Section Posts, 3.0 to 3.5 lb/ft				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0930	630-D003		282	Linear Feet	Structural Steel Beams, W6 x 9				
0940	630-E001		174	Pounds	Structural Steel Angles & Bars, 3" x 3" x 1/4" Angles				
0950	630-E002		58	Pounds	Structural Steel Angles & Bars, 3 1/2" x 3 1/2" x 1/4" Angles				
0960	630-E003		103	Pounds	Structural Steel Angles & Bars, 4" x 4" x 5/16" Angles				
0970	630-E004		180	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar				
0980	630-K001		103	Linear Feet	Welded & Seamless Steel Pipe Posts, 3"				
0990	630-K003		48	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"				
1000	631-A001		1,942	Cubic Yard	Flowable Fill				
1010	635-A001		96	Linear Feet	Vehicle Loop Assemblies				
1020	636-A001		950	Linear Feet	Shielded Cable, AWG #18, 4 Conductor				
1030	638-A005		2	Each	Loop Detector Amplifier, Card Rack Mounted, 4 Channel				
1040	640-A016		67	Each	Traffic Signal Heads, Type 1 LED				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1050	640-A018		6	Each	Traffic Signal Heads, Type 3 LED				
1060	640-A020		1	Each	Traffic Signal Heads, Type 5R LED				
1070	640-A022		28	Each	Traffic Signal Heads, Type 7 LED				
1080	640-A031		3	Each	Traffic Signal Heads, Type 1A LED				
1090	640-A034		76	Each	Traffic Signal Heads, Type 6 LED Countdown				
1100	640-A036		12	Each	Traffic Signal Heads, Type 5L, LED				
1110	640-A037		2	Each	Traffic Signal Heads, Type 5LA, LED				
1120	642-A008		12	Each	Solid State Traffic Actuated Controllers, Type 8A				
1130	643-A001		1	Each	Closed Loop On-Street Master System				
1140	644-A001		45	Each	Optical Detector				
1150	644-B001		8,010	Linear Feet	Optical Detector Cable				
1160	644-C002		12	Each	Phase Selector, 4 Channel				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1170	646-A001		1	Lump Sum	Removal of Existing Traffic Signal Equipment	XXXXXXXX	XXX		
1180	647-A005		63	Each	Pullbox, Type 2				
1190	650-A002		2	Each	On Street Video Equipment, Fixed Type				
1200	650-A003		1	Each	On Street Video Equipment, PTZ Type				
1210	666-B004		3,558	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 10, 2 Conductor				
1220	666-B015		10,127	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor				
1230	666-B016		8,160	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 7 Conductor				
1240	668-A016		905	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 1"				
1250	668-A018		840	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"				
1260	668-A020		335	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"				
1270	668-B024		1,955	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"				
1280	668-B025		2,225	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1290	699-A001		1	Lump Sum	Roadway Construction Stakes	XXXXXXXX	XXX		
1300	907-213-A001		68	Ton	Agricultural Limestone				
1310	907-227-A001		34	Acre	Hydroseeding				
1320	907-403-B002	(BA1)	3,474	Ton	Hot Mix Asphalt, HT, 19-mm mixture, Leveling				
1330	907-403-D004	(BA1)	17,196	Ton	Hot Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified				
1340	907-403-E004	(BA1)	18,441	Ton	Hot Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified, Leveling				
1350	907-603-V001		43,148	Linear Feet	Video Pipe Inspection, All Sizes				
1360	907-622-A002		1	Each	Engineer's Field Office Building, Type 3				
	Changed 08/21/2007								
1370	907-626-C003		7	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White				
1380	907-626-F003		6	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous Yellow				
1390	907-626-G001		784	Linear Feet	Thermoplastic Detail Stripe, Blue-ADA				
1400	907-629-D001		64	Linear Feet	Crash Cushion System				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1410	907-630-I001		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designed	XXXXXXXX	XXX		
1420	907-639-A002		2	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 50' Arm				
1430	907-639-A006		3	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 30' Arm				
1440	907-639-A007		4	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 40' Arm				
1450	907-639-A011		4	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 35' Arm				
1460	907-639-A015		6	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 50' Arm				
1470	907-639-A016		2	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 55' Arm				
1480	907-639-A017		6	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 25' Arm				
1490	907-639-A020		5	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 60' Arm				
1500	907-639-A021		3	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 40' Arm				
1510	907-639-A028		1	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 30' Arm				
1520	907-639-A029		2	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 45' Arm				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1530	907-639-A030		1	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 65' Arm				
1540	907-639-A031		2	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 70' Arm				
1550	907-639-A032		1	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 25' & 60' Arms				
1560	907-639-A033		1	Each	Traffic Signal Equipment Pole, Type IV, 30' Shaft, 35' & 35' Arms				
1570	907-639-A034		12	Each	Traffic Signal Equipment Pole, Type VI, 8' Shaft				
1580	907-639-C002		152	Cubic Yard	Pole Foundations, 36" Diameter				
1590	907-639-C003		7	Cubic Yard	Pole Foundations, 24" Diameter				
1600	907-639-D001		581	Linear Feet	Slip Casing, 36" Diameter				
1610	907-648-C001		12	Each	Radio Ethernet Interconnect, Local Intersection				
1620	907-648-D001		6	Each	Radio Ethernet Distribution Repeater Installation				
1630	907-648-E001		5	Each	Radio Ethernet Fixed Backbone Repeater Installation				
1640	907-648-F001		1	Lump Sum	Radio Interconnect Training, Testing and Installation	XXXXXXXX	XXX		

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1650	907-649-A001		43	Each	Video Detection System, 1 Sensor				
1660	907-649-B001		14	Each	Video Detection-Data Collection and Reporting Tool License				
1670	907-649-D001		14	Each	Video Detection-Digitized Video Encoder/Decoded				
1680	907-649-E001		1	Lump Sum	Video Detection Training	XXXXXXXX	XXX		
1690	907-687-A014 Changed 08/21/2007		2	Each	Loop, Sensor, Loop ATR Station				
1700	907-687-B001 Added 08/21/2007		3	Each	Loop, Sensor, Loop Temporary Traffic Station,				

*** BID CERTIFICATION ***

TOTAL BID.....\$_____

*** DBE/WBE SECTION ***

Complete item nos. 1, 2, and/or 3 as appropriate. See Notice to Bidders addressing Disadvantaged Business Enterprises in Highway Construction.

1. I/We agree that no less than _____ percent shall be expended with small business concerns owned and controlled by socially and economically disadvantaged individuals (DBE and WBE).
2. Classification of Bidder: Small Business (DBE)_____ Small Business (WBE)_____
3. A joint venture with a Small Business (DBE/WBE): _____

*** 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

BIDDER'S COMPANY

BIDDER'S FEDERAL TAX ID NUMBER