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	**8/3/2009**	ADDENDUM NO.		DATED	
ADDENDUM NO	**2**	DATED	**8/17/2009**	ADDENDUM NO.		DATED	

Number	Description
1	Bidsheets, replace same; Amendment EBS Download Required.
2	Revised Table of Content, replaces same; Add SP 907-687-13; Bidsheets, replace same; Revised or Added Plan Sheet Nos. 2, 4, 24, & 96.5; Amendment EBS Download Required.

TOTAL ADDENDA: **2**
(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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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COMBINATION BID PROPOSAL,
CERTIFICATE OF PERFORMANCE - PRIOR FEDERAL-AID CONTRACTS,
NON-COLLUSION CERTIFICATE,
SECTION 902 - CONTRACT FORM, AND SECTION 903 - CONTRACT BOND FORM,
PILE DRIVING FORM,
OCR-485.

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

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-687-13 **CODE: (SP)**

DATE: **01/16/2009**

SUBJECT: **Traffic Recorder**

PROJECT: **IM-0020-01(190) / 104875302 - Hinds County**

Section 907-687, Traffic Recorder, 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--TRAFFIC RECORDER

907-687.01--Description. This work consists of furnishing vehicle inductive loop and axle detector systems of the types specified which includes assembling, constructing, erecting, and installing a system 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 sent directly to the Engineering Analysis Section of the Planning Division with a copy of the cover letter sent to the Project Engineer. The submittals will be returned within a seven business day period from when they are received. The ATR system (which is defined below) 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 and software necessary to operate the field station for extended periods unattended.

The system may be an Automatic Traffic Recorder (ATR) Station or a Short Term Permanent Traffic (STP) Station.

The Automatic Traffic Recorder (ATR) Station shall utilize two (2) Class I Piezo strips as utilized by Mikros Tel System and one (1) loop, as recommended by the manufacturer in all lanes.

The Short Term Permanent Traffic (STP) Station shall utilize one (1) Class II Piezo strip as utilized by Mikros Tel System and two (2) loops, as recommended by the manufacturer in all lanes.

Regardless of the type of system required, 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 and electronic hardware and software 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. Deposits, customer charges, connection cost, etc., associated with the System up to and including the date of the final inspection (Subsection 907-687.03.18.1--Final Inspection) of the System shall be the responsibility of the Contractor. At least 24 hours prior to starting work, the Contractor shall contact the MDOT Project Office. The Project Office will notify the Planning Division so 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.l.1--Piezoelectric Cable/Sensors.

907-687.02.l.1.1--Automatic Traffic Recorder Station. Piezoelectric Cable/Sensors shall be as those utilized by Mikros System. Sensitivity dispersion shall be Class I, ±5%.

907-687.02.l.1.2--Short Term Permanent Traffic Station. Piezoelectric Cable/Sensors shall be as those utilized by Mikros System. Sensitivity dispersion shall be Class II, ±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 Sections 647 & 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.

907-687.02.7--Equipment Cabinet. The installation and setup of the equipment cabinet and all its applications must comply with all requirements of the design plan. Class B concrete shall be used for equipment cabinet footings.

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 Project 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 delineation (plastic drums) or a positive separation (pre-cast median barrier) 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 3/8-inch width (±1/16) and 2¼-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. The location of the pull boxes must be approved by the Planning Division. 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--Site Inspection. Upon completion of each individual site, a site inspection shall be made.

All traffic recorder stations shall have polled without any problems for at least 10 consecutive days prior to the site inspection.

The Contractor, with MDOT's 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 partially released once the data has been tested and verified in the office by Planning Division staff.

All sensors, loops and related components shall be operational at the final inspection of the project.

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 release from maintenance, or partial release from maintenance, of the project.

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 out to the Department and shall begin simultaneously with the commencement of the twelve month warranty period.

907-687.03.18.6--Guarantee of Repairs. Any aspect of the system that must be fixed or replaced as a result of fulfilling Subsections 907-687.03.18.1 through 907-687.03.18.5 shall be warranted and guaranteed for a period of twelve months, beginning at the date when the repair work is declared acceptable by the Project Engineer. This warrantee and guarantee on the fixed or replaced items shall be identical in scope to the warrantee and guarantee in Subsections 907-687.03.18.1 through 907-687.03.18.5.

907-687.04--Method of Measurement. Sensor, Loop, Sensor Automatic Traffic Recorder Station and Loop, Sensor, Loop Short Term Permanent Station, complete in place and accepted, will be measured per each location.

907-687.05--Basis of Payment. Sensor, Loop, Sensor Automatic Traffic Recorder Station and Loop, Sensor, Loop Short Term Permanent Station, measured as provided above, will be paid for at the contract unit price per each, which price shall be full compensation for furnishing, installing, testing and guaranteeing all equipment, and for all materials, labor, equipment, operation, and other incidentals necessary to complete the work.

Payment will be made under:

907-687-A: Sensor, Loop, Sensor Automatic Traffic Recorder Station, * - per each

907-687-B: Loop, Sensor, Loop Short Term Permanent Station, * - per each

* Site No. or Location may be specified

Construction necessary to replace a bridge on I-20 Westbound over US Highway 51 in Jackson, known as Federal Aid Project No. IM-0020-01(190) / 104875302, in the County of Hinds, 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-B023		8,009	Linear Feet	Removal of Concrete Median Barrier, Precast				
0040	202-B024		608	Square Yard	Removal of Concrete Median & Island Pavement, All Depths				
0050	202-B025		2,125	Square Yard	Removal of Concrete Paved Ditch				
0060	202-B036		1,381	Square Yard	Removal of Concrete Slope Paving				
0070	202-B038		639	Linear Feet	Removal of Curb, All Types				
0080	202-B042		10	Each	Removal of Flared End Section, All Sizes				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0090	202-B061		1	Each	Removal of Low Mast Lighting Foundation				
0100	202-B064		1,088	Linear Feet	Removal of Pipe, 8" And Above				
0110	202-B076		27,643	Linear Feet	Removal of Traffic Stripe				
0120	202-B079		1	Each	Removal of Headwall				
0130	202-B097		6,045	Square Yard	Removal of Concrete Overlayed w/ Asphalt Pavement, All Depths				
0140	202-B098		11	Each	Removal of Inlet and Junction Box, All Types & Sizes				
0150	202-B102		2,278	Linear Feet	Removal of Guard Rail				
0160	202-B104		22,252	Square Yard	Removal of Asphalt Pavement, All Depths, Including Soil Cement Base				
0170 Changed 08/03/2009	202-B107		105	Each	Removal of Sign, Ground Mounted with Posts				
0171 Added 08/03/2009	202-B071		94	Square Feet	Removal of Sign Panels Including Hardware				
0172 Added 08/03/2009	202-B062		831	Square Feet	Removal of Overhead Sign Panels				
0180	202-B132		1	Each	Removal of Traffic Signal				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0190	202-B139		1	Each	Removal of Footing				
0200	202-B146		1,210	Linear Feet	Removal of Existing Wiring				
0210	202-B189		4	Each	Removal of Impact Attenuator				
0220	202-B264		2,283	Square Feet	Removal of Retaining Wall				
0230	202-B265		1	Each	Removal of Sign, Overhead Mounted Including Panels, Trust, and Footings				
0240	203-A003	(E)	9,668	Cubic Yard	Unclassified Excavation, FM, AH				
0250	203-EX029	(E)	38,372	Cubic Yard	Borrow Excavation, AH, FME, Class B15				
0260	203-G003	(E)	32,482	Cubic Yard	Excess Excavation, FM, AH				
0270	206-A001	(S)	345	Cubic Yard	Structure Excavation				
0280	211-B001	(E)	6,103	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished				
0290	212-A001		36,618	Square Yard	Light Ground Preparation				
0300	212-B001		73,235	Square Yard	Standard Ground Preparation				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0310	213-B001		10	Ton	Combination Fertilizer, 13-13-13				
0320	213-C001		8	Ton	Superphosphate				
0330	214-A002		303	Pounds	Seeding, Bermudagrass				
0340	214-A003		152	Pounds	Seeding, Tall Fescue				
0350	214-A004		152	Pounds	Seeding, Crimson Clover				
0360	214-A014		151	Pounds	Seeding, Browntop Millet				
0370	214-A015		681	Pounds	Seeding, Oats				
0380	214-A017		189	Pounds	Seeding, Rye Grass				
0390	215-A001		38	Ton	Vegetative Materials for Mulch				
0400	216-A001		955	Square Yard	Solid Sodding				
0410	217-A001		199	Square Yard	Ditch Liner				
0420	219-A001		19	Thousand Gallon	Watering	20.	00	380.	00

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0430	220-A001		8	Acre	Insect Pest Control	30.	00	240.	00
0440	221-A001	(S)	161	Cubic Yard	Portland Cement Concrete Paved Ditch				
0450	224-A001		234	Square Yard	Soil Reinforcing Mat				
0460	234-A001		6,313	Linear Feet	Temporary Silt Fence				
0470	235-A001		602	Bale	Temporary Erosion Checks				
0480	406-A003		3,175	Ton	Cold Milling of Bituminous Pavement, All Depths				
0490	406-B003		8	Ton	Cold Milling of Concrete Pavement, All Depths				
0500	410-A001	(A2)	514	Gallon	Asphalt for Surface Treatment, Grade AC-10				
0510	410-C011	(GY)	18	Cubic Yard	Seal Aggregate Cover Material, Size 7, Stone, Slag, Gravel or Expanded Clay				
0520	423-A001		1	Mile	Rumble Strips, Ground In				
0530	501-E001		147	Linear Feet	Expansion Joints, Without Dowels				
0540	501-K001		301	Square Yard	Transverse Grooving				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0550	502-A001	(C)	246	Square Yard	Reinforced Cement Concrete Bridge End Pavement				
0560	503-C007		759	Linear Feet	Saw Cut, Full Depth				
0570	602-A001	(S)	2,363	Pounds	Reinforcing Steel				
0580	603-CA002	(S)	252	Linear Feet	18" Reinforced Concrete Pipe, Class III				
0590	603-CA003	(S)	320	Linear Feet	24" Reinforced Concrete Pipe, Class III				
0600	603-CA006	(S)	16	Linear Feet	42" Reinforced Concrete Pipe, Class III				
0610	603-CA007	(S)	16	Linear Feet	48" Reinforced Concrete Pipe, Class III				
0620	603-CB001	(S)	2	Each	18" Reinforced Concrete End Section				
0630	603-CB002	(S)	7	Each	24" Reinforced Concrete End Section				
0640	603-CB005	(S)	1	Each	42" Reinforced Concrete End Section				
0650	603-CB006	(S)	1	Each	48" Reinforced Concrete End Section				
0660	604-A001		79	Pounds	Castings				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0670	604-B001		1,000	Pounds	Gratings				
0680	606-B001		1,088	Linear Feet	Guard Rail, Class A, Type 1				
0690	606-B002		396	Linear Feet	Guard Rail, Class A, Type 1, Double Faced				
0700	606-C003		1	Each	Guard Rail, Cable Anchor, Type 1				
0710	606-D012		6	Each	Guard Rail, Bridge End Section, Type I				
0720	606-E001		2	Each	Guard Rail, Terminal End Section				
0730	609-B001	(S)	1,100	Linear Feet	Concrete Curb, Header				
0740	609-D005	(S)	82	Linear Feet	Combination Concrete Curb and Gutter Type 3B Modified				
0750	615-A012	(S)	1,397	Linear Feet	Concrete Type IV Modified, 42" Height, Cast-in-Place Median Barrier				
0760	616-A001	(S)	335	Square Yard	Concrete Median and/or Island Pavement, 4-inch				
0770	618-A001		1	Lump Sum	Maintenance of Traffic	XXXXXXXX	XXX		
0780	619-A1002		6	Mile	Temporary Traffic Stripe, Continuous White				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0790	619-A1008		1	Mile	Temporary Traffic Stripe, Continuous White, Type 1 Tape				
0800	619-A2002		5	Mile	Temporary Traffic Stripe, Continuous Yellow				
0810	619-A2008		1	Mile	Temporary Traffic Stripe, Continuous Yellow, Type 1 Tape				
0820	619-A3006		8	Mile	Temporary Traffic Stripe, Skip White				
0830	619-A3009		1	Mile	Temporary Traffic Stripe, Skip White, Type 1 Tape				
0840	619-A4006		1	Mile	Temporary Traffic Stripe, Skip Yellow				
0850	619-A5001		12,462	Linear Feet	Temporary Traffic Stripe, Detail				
0860	619-A6001		84	Linear Feet	Temporary Traffic Stripe, Legend				
0870	619-A6002		419	Square Feet	Temporary Traffic Stripe, Legend				
0880	619-C6001		535	Each	Red-Clear Reflective High Performance Raised Marker				
0890	619-D1001		49	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet				
0900	619-D2001		708	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0910	619-F1001		4,300	Linear Feet	Concrete Median Barrier, Precast				
0920	619-F2001		2,740	Linear Feet	Remove and Reset Concrete Median Barrier, Precast				
0930	619-G4005		96	Linear Feet	Barricades, Type III, Double Faced				
0940	619-G5001		80	Each	Free Standing Plastic Drums				
0950	619-J1002		2	Unit	Impact Attenuator, 50 MPH				
0960	619-J2004		2	Unit	Impact Attenuator, 50 MPH, Replacement Package				
0970	620-A001		1	Lump Sum	Mobilization	XXXXXXXX	XXX		
0980	627-K001		1,029	Each	Red-Clear Reflective High Performance Raised Markers				
0990	627-L001		66	Each	Two-Way Yellow Reflective High Performance Raised Markers				
1000	628-I001		1	Mile	6" High Performance Cold Plastic Traffic Stripe, Skip White				
1010	628-J001		1	Mile	6" High Performance Cold Plastic Traffic Stripe, Continuous White				
1020	628-M001		1	Mile	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1030	628-O001		1,801	Linear Feet	High Performance Cold Plastic Detail Stripe, White				
1040	629-A001		2	Each	Vehicular Impact Attenuator, 50 MPH				
1050	630-A001		3	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness				
1060	630-A002		109	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness				
1070	630-B001		504	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted				
1080	630-B002		799	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Overhead Mounted				
1090	630-C003		14	Linear Feet	Steel U-Section Posts, 3.0 lb/ft				
1100	630-D007		51	Linear Feet	Structural Steel Beams, W8 x 21				
1110	630-D008		55	Linear Feet	Structural Steel Beams, W10 x 22				
1120	630-E003		192	Pounds	Structural Steel Angles & Bars, 4" x 4" x 5/16" Angles				
1130	630-E004		125	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar				
1140	630-F001		14	Each	Delineators, Guard Rail, White				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1150	630-F002		23	Each	Delineators, Guard Rail, Yellow				
1160	630-F015		12	Each	Delineators, Guard Rail, Double Yellow				
1170	630-G001		1	Each	Type 3 Object Markers, OM-3R, Post Mounted				
1180	630-G003		1	Each	Type 3 Object Markers, OM-3L, Post Mounted				
1190	630-K003		106	Linear Feet	Welded & Seamless Steel Pipe Posts, 4"				
1200	682-A015		820	Linear Feet	Underground Branch Circuit, AWG 2, 3 Conductor				
1210	682-D001		1	Each	Underground Pull Box				
1220	682-E001		1	Each	Underground Junction Box				
1230	684-A005		8	Cubic Yard	Pole Foundation, 42" Diameter				
1240	684-B005		20	Linear Feet	Slip Casing, 42" Diameter				
1250	686-A001		1	Each	Relocation of Existing Lighting Assemblies				
1260	699-A001		1	Lump Sum	Roadway Construction Stakes	XXXXXXXX	XXX		

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1270	907-213-A001		45	Ton	Agricultural Limestone				
1280	907-304-B001	(GT)	5,240	Ton	Granular Material, Class 5, Group C				
Changed 08/03/2009									
1290	907-304-B005	(GT)	8,955	Ton	Granular Material, Class 9, Group C				
Changed 08/03/2009									
1300	907-307-C003	(M)	19,305	Square Yard	6" Soil-Lime-Water Mixing, Class C				
1310	907-307-D001		261	Ton	Lime				
1320	907-403-A001	(BA1)	374	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture				
1330	907-403-A002	(BA1)	2,722	Ton	Hot Mix Asphalt, HT, 19-mm mixture				
1340	907-403-A011	(BA1)	1,126	Ton	Hot Mix Asphalt, ST, 12.5-mm mixture				
1350	907-403-A012	(BA1)	5,164	Ton	Hot Mix Asphalt, ST, 19-mm mixture				
1360	907-403-A015	(BA1)	296	Ton	Hot Mix Asphalt, ST, 9.5-mm mixture				
1370	907-403-B007	(BA1)	581	Ton	Hot Mix Asphalt, ST, 12.5-mm mixture, Leveling				
1380	907-403-D001	(BA1)	5,529	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1390	907-403-D004	(BA1)	1,762	Ton	Hot Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified				
1400	907-403-E001	(BA1)	1,888	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified, Leveling				
1410	907-413-E001		680	Linear Feet	Sawing and Sealing Transverse Joints in Asphalt Pavement				
1420	907-501-J001		60	Each	Anchor Pile				
1430	907-601-B003	(S)	27	Cubic Yard	Class "B" Structural Concrete, Minor Structures				
1440	907-626-A003		5	Mile	6" Thermoplastic Traffic Stripe, Skip White				
1450	907-626-B004		1	Mile	6" Thermoplastic Traffic Stripe, Continuous White				
1460	907-626-C004		4	Mile	6" Thermoplastic Edge Stripe, Continuous White				
1470	907-626-E004		1	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow				
1480	907-626-F004		4	Mile	6" Thermoplastic Edge Stripe, Continuous Yellow				
1490	907-626-G004		13,020	Linear Feet	Thermoplastic Detail Stripe, White				
1500	907-626-G005		1,628	Linear Feet	Thermoplastic Detail Stripe, Yellow				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1510	907-626-H004		84	Linear Feet	Thermoplastic Legend, White				
1520	907-626-H005		352	Square Feet	Thermoplastic Legend, White				
1530	907-630-I001		1	Lump Sum	Metal Overhead Sign Supports, Assembly No. 1, Contractor Designed	XXXXXXXX	XXX		
1540	907-682-A1002		1,210	Linear Feet	Branch Circuit Wire, AWG #1/0, 3 Conductor				
1541 Added 08/17/2009	907-687-B004		1	Each	Loop, Sensor, Loop Short Term Permanent Station, Site 10				
ALTERNATE GROUP AA NUMBER 1									
1550	907-308-A001		274	Ton	Portland Cement				
1560	907-308-B001	(M)	23,514	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Base				
ALTERNATE GROUP AA NUMBER 2									
1570	907-311-A003	(M)	23,514	Square Yard	Processing Lime and Fly Ash Treated Course, 6" Thick				
1580	907-311-B001		181	Ton	Lime				
1590	907-311-C002		724	Ton	Fly Ash, Class C or F				
ALTERNATE GROUP AB NUMBER 1									

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1600	907-308-A001		41	Ton	Portland Cement				
1610	907-308-B002	(M)	4,826	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Design Soil				
					ALTERNATE GROUP AB NUMBER 2				
1620	907-311-A003	(M)	4,826	Square Yard	Processing Lime and Fly Ash Treated Course, 6" Thick				
1630	907-311-B001		33	Ton	Lime				
1640	907-311-C002		130	Ton	Fly Ash, Class C or F				
					Bridge Items				
1650	202-B009 Deleted 08/03/2009					XXXXXXXX	XXX	XXXXXXXX	XXX
1660	501-K001		4,995	Square Yard	Transverse Grooving				
1670	602-A001	(S)	85,909	Pounds	Reinforcing Steel				
1680	801-A001	(S)	2,999	Cubic Yard	Foundation Excavation for Bridges				
1690	803-B001	(S)	2	Each	Conventional Static Loading Test	5,000.	00	10,000.	00
1700	803-D002	(S)	6,515	Linear Feet	HP 12 x 53 Steel Piling				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1710	803-D003	(S)	6,990	Linear Feet	HP 14 x 73 Steel Piling				
1720	803-I001	(S)	6	Each	PDA Test Pile				
1730	805-A001	(S)	493,578	Pounds	Reinforcement				
1740	810-A002	(S)	2,118,212	Pounds	Structural Steel, A 709				
1750	813-A002	(S)	1,749	Linear Feet	Concrete Railing, 32"				
1760	815-D001	(S)	158	Cubic Yard	Concrete Slope Paving				
1770	907-601-A002	(S)	577	Cubic Yard	Class "AA" Structural Concrete				
1780	907-804-A001	(S)	2,438	Cubic Yard	Bridge Concrete, Class AA				
1790	907-804-A013	(S)	389	Cubic Yard	Bridge Concrete, Class FX				
1800	907-804-PP001	(S)	1	Lump Sum	Post Tensioning System	XXXXXXXX	XXX		
1810	907-811-D001	(S)	40	Each	Disc Bearing Device				

*** 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

CONTRACT TIME AND COMPARISON OF BIDS

1. CONTRACT TIME ..... _____
   (Total number of calendar days. Reference Special Provision 907-108-20) (To Be Specified by Bidder)
   [NOT TO EXCEED 550 CALENDAR DAYS]
   If the Contractor enters a Contract Time of more than 550 calendar days, the proposal will be considered **irregular, rejected, and returned to the bidder.**

A. TOTAL BID – DIRECT AND DEPENDENT ITEMS ..... $ _____

B. VALUE OF CONTRACT TIME ..... $ _____
   (Contract Time from line 1 above multiplied by $6,000.00 per Calendar Day. Line B is for comparison of bids only and will NOT be included in any payment to the Contractor.)

X. TOTAL AMOUNT FOR COMPARISION OF BIDS ..... $ _____
   (Line A + Line B)

BIDDER ACKNOWLEDGES THAT THIS SHEET HAS BEEN CHECKED FOR ACCURACY AND CERTIFIES THAT THE FIGURES SHOWN CONSTITUTE THE OFFICIAL AMOUNT FOR COMPARISION OF BIDS.

_____
BIDDER'S SIGNATURE