

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 3/15/2010 ADDENDUM NO. DATED
ADDENDUM NO. DATED ADDENDUM NO. DATED

Number	Description
1	Revise Table of Contents, Notice To Bidders No. 2943, and Bidsheets with same; Delete 907-213-2; Add Notice To Bidders Nos. 2976, 2985 & 3023; Add 907-225-2 & 907-226-1; Revise Plan Sheet Nos. 2, 18, 21, & 100.27; Amendment EBS Download 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.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

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(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. 2943

DATE: 03/15/2010

SUBJECT: Specialty Items

PROJECT: STP-6947-00(004) / 101708302 - Madison County

Pursuant to the provisions of Section 108, the following work items are hereby designated as "Specialty Items" for this contract. Bidders are reminded that these items must be subcontracted in order to be considered as specialty items.

CATEGORY: CONCRETE

Line No	Pay Item	Description
0390	501-K001	Transverse Grooving
2150	501-K001	Transverse Grooving

CATEGORY: CURBING, SIDEWALKS, GUTTERS

Line No	Pay Item	Description
0660	608-B001	Concrete Sidewalk, With Reinforcement
0670	609-B001	Concrete Curb, Header
0680	609-B005	Concrete Curb, Special Design Doweled
0690	609-D002	Combination Concrete Curb and Gutter Type 2
0700	609-D004	Combination Concrete Curb and Gutter Type 3A Modified
0720	614-A001	Concrete Driveway, Without Reinforcement
0730	616-A001	Concrete Median and/or Island Pavement, 4-inch
0740	616-A003	Concrete Median and/or Island Pavement, 10-inch

CATEGORY: EROSION CONTROL

Line No	Pay Item	Description
0190	213-C001	Superphosphate
0260	215-A001	Vegetative Materials for Mulch
0270	216-A001	Solid Sodding
0280	217-A001	Ditch Liner
0290	219-A001	Watering
0300	220-A001	Insect Pest Control
0330	224-A001	Soil Reinforcing Mat
1466	907-225-A001	Grassing
1467	907-225-B001	Agricultural Limestone
1468	907-226-A001	Temporary Grassing

CATEGORY: INTELLIGENT TRANSPORTATION SYSTEMS

Line No	Pay Item	Description
2000	907-659-A001	Traffic Management Center Modifications

CATEGORY: LANDSCAPING

Line No	Pay Item	Description
0320	223-A001	Mowing
1470	907-230-A042	Shrub Planting, Annuals 4" Pots
1480	907-230-A043	Shrub Planting, Asian Jasmine 4" Pots
1490	907-230-A044	Shrub Planting, Parsons Juniper 2 Gallon
1500	907-230-B011	Tree Planting, Southern Magnolia Select #3. 6'-8' Ht.
1510	907-230-B023	Tree Planting, Eastern Red Cedar 4'-5' Ht.
1520	907-230-B040	Tree Planting, Red Sunset Maple
1530	907-230-B094	Tree Planting, Spruce Pine 4'-5' Ht.

CATEGORY: PAVEMENT STRIPING AND MARKING

Line No	Pay Item	Description
0990	627-K001	Red-Clear Reflective High Performance Raised Markers
1000	627-L001	Two-Way Yellow Reflective High Performance Raised Markers
1010	628-I002	6" High Performance Cold Plastic Traffic Stripe, Skip White
1020	628-J002	6" High Performance Cold Plastic Traffic Stripe, Continuous White
1030	628-M002	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow
1760	907-626-A003	6" Thermoplastic Traffic Stripe, Skip White
1770	907-626-B004	6" Thermoplastic Traffic Stripe, Continuous White
1780	907-626-C004	6" Thermoplastic Edge Stripe, Continuous White
1790	907-626-D004	6" Thermoplastic Traffic Stripe, Skip Yellow
1800	907-626-E004	6" Thermoplastic Traffic Stripe, Continuous Yellow
1810	907-626-F004	6" Thermoplastic Edge Stripe, Continuous Yellow
1820	907-626-G004	Thermoplastic Detail Stripe, White
1830	907-626-G005	Thermoplastic Detail Stripe, Yellow
1840	907-626-H004	Thermoplastic Legend, White
1850	907-626-H005	Thermoplastic Legend, White

CATEGORY: DISPOSAL OF BUILDINGS, RIGHT OF WAY CLEA

Line No	Pay Item	Description
0090	202-B076	Removal of Traffic Stripe
0370	406-A003	Cold Milling of Bituminous Pavement, All Depths

CATEGORY: SURVEY AND STAKING

Line No	Pay Item	Description
1420	699-A001	Roadway Construction Stakes
1750	907-617-A001	Right-of-Way Marker

CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
1040	629-A001	Vehicular Impact Attenuator, 50 MPH

CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
1050	629-C001	Vehicular Impact Attenuator Back-up Wall
1060	630-A001	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness
1070	630-A002	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness
1080	630-B001	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted
1090	630-C002	Steel U-Section Posts, 2.0 to 2.5 lb/ft
1100	630-C004	Steel U-Section Posts, 3.0 to 3.5 lb/ft
1110	630-D003	Structural Steel Beams, W6 x 9
1120	630-E004	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar
1130	630-G002	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted
1140	630-K002	Welded & Seamless Steel Pipe Posts, 3 1/2"
1150	635-A001	Vehicle Loop Assemblies
1160	636-A001	Shielded Cable, AWG #18, 4 Conductor
1170	638-A005	Loop Detector Amplifier, Card Rack Mounted, 4 Channel
1180	640-A016	Traffic Signal Heads, Type 1 LED
1190	640-A019	Traffic Signal Heads, Type 5 LED
1200	640-A021	Traffic Signal Heads, Type 6 LED
1210	640-A022	Traffic Signal Heads, Type 7 LED
1220	642-A008	Solid State Traffic Actuated Controllers, Type 8A
1230	644-A001	Optical Detector
1240	644-B001	Optical Detector Cable
1250	644-C002	Phase Selector, 4 Channel
1260	647-A001	Pullbox, Type 1
1270	647-A003	Pullbox, Type 4
1280	647-A004	Pullbox, Type 5
1290	647-A005	Pullbox, Type 2
1300	666-B015	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor
1310	666-B016	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 7 Conductor
1320	666-B022	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor
1330	666-D005	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 7 Conductor
1340	668-A016	Traffic Signal Conduit, Underground, Type 4, 1"
1350	668-A018	Traffic Signal Conduit, Underground, Type 4, 2"
1360	668-A020	Traffic Signal Conduit, Underground, Type 4, 3"
1370	668-B023	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 1"
1380	668-B024	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"
1390	668-B025	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"
1400	668-C004	Traffic Signal Conduit, Aerial Supported, Type 1, 2 1/2"
1410	668-C005	Traffic Signal Conduit, Aerial Supported, Type 1, 2"
1860	907-637-A001	Equipment Cabinet, Type B
1870	907-639-A002	Traffic Signal Equipment Pole, Type II, 17' Shaft, 50' Arm
1880	907-639-A006	Traffic Signal Equipment Pole, Type II, 17' Shaft, 30' Arm
1890	907-639-A007	Traffic Signal Equipment Pole, Type II, 17' Shaft, 40' Arm
1900	907-639-A008	Traffic Signal Equipment Pole, Type II, 17' Shaft, 55' Arm
1910	907-639-A012	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm
1920	907-639-A034	Traffic Signal Equipment Pole, Type VI, 8' Shaft
1930	907-639-A071	Traffic Signal Equipment Pole, Type IV, 40' Shaft, 55' Arm

CATEGORY: TRAFFIC CONTROL - PERMANENT

Line No	Pay Item	Description
1940	907-639-C004	Pole Foundations, 30" Diameter
1950	907-650-A003	On Street Video Equipment, PTZ Type
1960	907-657-A001	Fiber Optic Cable, 72 SM
1970	907-657-B001	Fiber Optic Drop Cable, 12 SM
1980	907-658-A001	Hardened Network Switch, Type A
1990	907-658-A002	Hardened Network Switch, Type B
2010	907-662-A001	Video Encoder, Type A
2020	907-662-B001	Video Decoder, Type A

CATEGORY: TRAFFIC CONTROL - TEMPORARY

Line No	Pay Item	Description
0760	619-A1004	Temporary Traffic Stripe, Continuous White, Paint
0770	619-A1008	Temporary Traffic Stripe, Continuous White, Type 1 Tape
0780	619-A2004	Temporary Traffic Stripe, Continuous Yellow, Paint
0790	619-A2008	Temporary Traffic Stripe, Continuous Yellow, Type 1 Tape
0800	619-A3007	Temporary Traffic Stripe, Skip White, Paint
0810	619-A3009	Temporary Traffic Stripe, Skip White, Type 1 Tape
0820	619-A5002	Temporary Traffic Stripe, Detail, Paint
0830	619-A5004	Temporary Traffic Stripe, Detail, Type 1 Tape
0840	619-A6003	Temporary Traffic Stripe, Legend, Paint
0850	619-A6004	Temporary Traffic Stripe, Legend, Paint
0860	619-A6007	Temporary Traffic Stripe, Legend, Type 1 Tape
0870	619-A6008	Temporary Traffic Stripe, Legend, Type 1 Tape
0880	619-C6001	Red-Clear Reflective High Performance Raised Marker
0890	619-C7001	Two-Way Yellow Reflective High Performance Raised Marker
0900	619-D1001	Standard Roadside Construction Signs, Less than 10 Square Feet
0910	619-D2001	Standard Roadside Construction Signs, 10 Square Feet or More
0940	619-G4001	Barricades, Type III, Single Faced
0950	619-G4008	Barricades, Type III, Double Faced, Permanent, Red/White
0960	619-G5001	Free Standing Plastic Drums

Construction necessary to relocate SR 463 in Madison, known as Federal Aid Project No. STP-6947-00(004) / 101708302, in the County of Madison, 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	201-B001		1	Acre	Clearing and Grubbing				
0030	202-B005		3,396	Square Yard	Removal of Asphalt Pavement, All Depths				
0040	202-B018		942	Square Yard	Removal of Concrete Driveways, All Depths				
0050	202-B038		1,715	Linear Feet	Removal of Curb, All Types				
0060	202-B057		8	Each	Removal of Inlets, All Sizes				
0070	202-B064		1,393	Linear Feet	Removal of Pipe, 8" And Above				
0080	202-B066		110	Each	Removal of Raised Reflective Pavement Marker				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0090	202-B076		6,455	Linear Feet	Removal of Traffic Stripe				
0100	203-A003	(E)	13,710	Cubic Yard	Unclassified Excavation, FM, AH				
0110	203-EX029	(E)	47,100	Cubic Yard	Borrow Excavation, AH, FME, Class B15				
0120	203-G004	(E)	5,000	Cubic Yard	Excess Excavation, LVM, AH				
0130	206-A001	(S)	7,129	Cubic Yard	Structure Excavation				
0140	206-B001	(E)	199	Cubic Yard	Select Material for Undercuts, Contractor Furnished, FM				
0150	211-B001	(E)	8,176	Cubic Yard	Topsoil for Slope Treatment, Contractor Furnished				
0160	212-A001				Deleted 03/15/2010	XXXXXXXXXX	XXX	XXXXXXXXXX	XXX
0170	212-B001				Deleted 03/15/2010	XXXXXXXXXX	XXX	XXXXXXXXXX	XXX
0180	213-B001				Deleted 03/15/2010	XXXXXXXXXX	XXX	XXXXXXXXXX	XXX
0190	213-C001		10	Ton	Superphosphate				
0200	214-A002				Deleted 03/15/2010	XXXXXXXXXX	XXX	XXXXXXXXXX	XXX

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0210	214-A003					XXXXXXXX	XXX	XXXXXXXX	XXX
	Deleted 03/15/2010								
0220	214-A004					XXXXXXXX	XXX	XXXXXXXX	XXX
	Deleted 03/15/2010								
0230	214-A014					XXXXXXXX	XXX	XXXXXXXX	XXX
	Deleted 03/15/2010								
0240	214-A015					XXXXXXXX	XXX	XXXXXXXX	XXX
	Deleted 03/15/2010								
0250	214-A017					XXXXXXXX	XXX	XXXXXXXX	XXX
	Deleted 03/15/2010								
0260	215-A001		143	Ton	Vegetative Materials for Mulch				
	Changed 03/15/2010								
0270	216-A001		75	Square Yard	Solid Sodding				
0280	217-A001		150	Square Yard	Ditch Liner				
0290	219-A001		1	Thousand Gallon	Watering	20.	00	20.	00
0300	220-A001		10	Acre	Insect Pest Control	30.	00	300.	00
0310	221-A001	(S)	60	Cubic Yard	Portland Cement Concrete Paved Ditch				
0320	223-A001		7	Acre	Mowing	40.	00	280.	00

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0330	224-A001		300	Square Yard	Soil Reinforcing Mat				
0340	234-A001		10,200	Linear Feet	Temporary Silt Fence				
0350	235-A001		3,168	Bale	Temporary Erosion Checks				
0360	236-A004		1	Each	Silt Basin, Type D				
0370	406-A003		1,000	Ton	Cold Milling of Bituminous Pavement, All Depths				
0380	501-E001		166	Linear Feet	Expansion Joints, Without Dowels				
0390	501-K001		369	Square Yard	Transverse Grooving				
0400	502-A001	(C)	369	Square Yard	Reinforced Cement Concrete Bridge End Pavement				
0410	503-C007		271	Linear Feet	Saw Cut, Full Depth				
0420	602-A001	(S)	154,080	Pounds	Reinforcing Steel				
0430	603-CA002	(S)	4,238	Linear Feet	18" Reinforced Concrete Pipe, Class III				
0440	603-CA003	(S)	1,044	Linear Feet	24" Reinforced Concrete Pipe, Class III				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0450	603-CA004	(S)	516	Linear Feet	30" Reinforced Concrete Pipe, Class III				
0460	603-CA007	(S)	280	Linear Feet	48" Reinforced Concrete Pipe, Class III				
0470	603-CB001	(S)	7	Each	18" Reinforced Concrete End Section				
0480	603-CB002	(S)	8	Each	24" Reinforced Concrete End Section				
0490	603-CB006	(S)	4	Each	48" Reinforced Concrete End Section				
0500	603-CE001	(S)	612	Linear Feet	22" x 13" Concrete Arch Pipe, Class A III				
0510	603-CE004	(S)	1,520	Linear Feet	44" x 27" Concrete Arch Pipe, Class A III				
0520	603-CE006	(S)	512	Linear Feet	58" x 36" Concrete Arch Pipe, Class A III				
0530	603-CF001	(S)	2	Each	22" x 13" Concrete Arch Pipe End Section				
0540	603-CF004	(S)	4	Each	44" x 27" Concrete Arch Pipe End Section				
0550	603-SB003	(S)	5	Each	18" Branch Connections, Stub into Concrete Box Culvert				
0560	603-SB004	(S)	1	Each	24" Branch Connections, Stub into Box Culvert				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0570	603-SB015	(S)	4	Each	44" x 27" Branch Connections, Stub into Box Culvert				
0580	603-SB030	(S)	1	Each	24" Branch Connections, Stub into Concrete Box Culvert Wingwall				
0590	603-SB050	(S)	1	Each	44" x 27" Branch Connection, Stub into Existing Inlet				
0600	603-SB051	(S)	1	Each	58" x 36" Branch Connections, Stub into Box Culvert				
0610	604-A001		4,582	Pounds	Castings				
0620	604-B001		688	Pounds	Gratings				
0630	605-AA004	(S)	11,084	Square Yard	Geotextile for Subsurface Drainage, Type V				
0640	605-W001	(GY)	897	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM				
0650	605-W002	(GY)	1,660	Cubic Yard	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM				
0660	608-B001	(S)	1,949	Square Yard	Concrete Sidewalk, With Reinforcement				
0670	609-B001	(S)	696	Linear Feet	Concrete Curb, Header				
0680	609-B005	(S)	335	Linear Feet	Concrete Curb, Special Design Doweled				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0690	609-D002	(S)	884	Linear Feet	Combination Concrete Curb and Gutter Type 2				
0700	609-D004	(S)	13,203	Linear Feet	Combination Concrete Curb and Gutter Type 3A Modified				
0710	613-D005		1	Each	Adjustment of Manhole				
0720	614-A001	(S)	583	Square Yard	Concrete Driveway, Without Reinforcement				
0730	616-A001	(S)	1,134	Square Yard	Concrete Median and/or Island Pavement, 4-inch				
0740	616-A003	(S)	141	Square Yard	Concrete Median and/or Island Pavement, 10-inch				
0750	618-A001		1	Lump Sum	Maintenance of Traffic	XXXXXXXX	XXX		
0760	619-A1004		2	Mile	Temporary Traffic Stripe, Continuous White, Paint				
0770	619-A1008		2	Mile	Temporary Traffic Stripe, Continuous White, Type 1 Tape				
0780	619-A2004		2	Mile	Temporary Traffic Stripe, Continuous Yellow, Paint				
0790	619-A2008		2	Mile	Temporary Traffic Stripe, Continuous Yellow, Type 1 Tape				
0800	619-A3007		1	Mile	Temporary Traffic Stripe, Skip White, Paint				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0810	619-A3009		1	Mile	Temporary Traffic Stripe, Skip White, Type 1 Tape				
0820	619-A5002		6,443	Linear Feet	Temporary Traffic Stripe, Detail, Paint				
0830	619-A5004		1,784	Linear Feet	Temporary Traffic Stripe, Detail, Type 1 Tape				
0840	619-A6003		1,490	Linear Feet	Temporary Traffic Stripe, Legend, Paint				
0850	619-A6004		128	Square Feet	Temporary Traffic Stripe, Legend, Paint				
0860	619-A6007		594	Linear Feet	Temporary Traffic Stripe, Legend, Type 1 Tape				
0870	619-A6008		90	Square Feet	Temporary Traffic Stripe, Legend, Type 1 Tape				
0880	619-C6001		200	Each	Red-Clear Reflective High Performance Raised Marker				
0890	619-C7001		200	Each	Two-Way Yellow Reflective High Performance Raised Marker				
0900	619-D1001		234	Square Feet	Standard Roadside Construction Signs, Less than 10 Square Feet				
0910	619-D2001		753	Square Feet	Standard Roadside Construction Signs, 10 Square Feet or More				
0920	619-F1001		486	Linear Feet	Concrete Median Barrier, Precast				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
0930	619-F2001		250	Linear Feet	Remove and Reset Concrete Median Barrier, Precast				
0940	619-G4001		468	Linear Feet	Barricades, Type III, Single Faced				
0950	619-G4008		88	Linear Feet	Barricades, Type III, Double Faced, Permanent, Red/White				
0960	619-G5001		272	Each	Free Standing Plastic Drums				
0970	620-A001		1	Lump Sum	Mobilization	XXXXXXXXXX	XXX		
0980	621-A001		1	Each	Field Laboratory				
0990	627-K001		412	Each	Red-Clear Reflective High Performance Raised Markers				
1000	627-L001		411	Each	Two-Way Yellow Reflective High Performance Raised Markers				
1010	628-I002		2,759	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Skip White				
1020	628-J002		2,744	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous White				
1030	628-M002		2,744	Linear Feet	6" High Performance Cold Plastic Traffic Stripe, Continuous Yellow				
1040	629-A001		2	Each	Vehicular Impact Attenuator, 50 MPH				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1050	629-C001		2	Each	Vehicular Impact Attenuator Back-up Wall				
1060	630-A001		171	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.080" Thickness				
1070	630-A002		265	Square Feet	Standard Roadside Signs, Sheet Aluminum, 0.125" Thickness				
1080	630-B001		85	Square Feet	Interstate Directional Signs, Bolted Extruded Aluminum Panels, Ground Mounted				
1090	630-C002		66	Linear Feet	Steel U-Section Posts, 2.0 to 2.5 lb/ft				
1100	630-C004		575	Linear Feet	Steel U-Section Posts, 3.0 to 3.5 lb/ft				
1110	630-D003		68	Linear Feet	Structural Steel Beams, W6 x 9				
1120	630-E004		134	Pounds	Structural Steel Angles & Bars, 7/16" x 2 1/2" Flat Bar				
1130	630-G002		4	Each	Type 3 Object Markers, OM-3R or OM-3L, Post Mounted				
1140	630-K002		103	Linear Feet	Welded & Seamless Steel Pipe Posts, 3 1/2"				
1150	635-A001		2,328	Linear Feet	Vehicle Loop Assemblies				
1160	636-A001		5,365	Linear Feet	Shielded Cable, AWG #18, 4 Conductor				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1170	638-A005		7	Each	Loop Detector Amplifier, Card Rack Mounted, 4 Channel				
1180	640-A016		17	Each	Traffic Signal Heads, Type 1 LED				
1190	640-A019		2	Each	Traffic Signal Heads, Type 5 LED				
1200	640-A021		14	Each	Traffic Signal Heads, Type 6 LED				
1210	640-A022		7	Each	Traffic Signal Heads, Type 7 LED				
1220	642-A008		3	Each	Solid State Traffic Actuated Controllers, Type 8A				
1230	644-A001		10	Each	Optical Detector				
1240	644-B001 Changed 03/15/2010		1,923	Linear Feet	Optical Detector Cable				
1250	644-C002		3	Each	Phase Selector, 4 Channel				
1260	647-A001		7	Each	Pullbox, Type 1				
1270	647-A003		4	Each	Pullbox, Type 4				
1280	647-A004		1	Each	Pullbox, Type 5				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1290	647-A005		17	Each	Pullbox, Type 2				
1300	666-B015		2,370	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 5 Conductor				
1310	666-B016		1,660	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 14, 7 Conductor				
1320	666-B022		360	Linear Feet	Electric Cable, Underground in Conduit, IMSA 20-1, AWG 8, 2 Conductor				
1330	666-D005		498	Linear Feet	Electric Cable, Aerial Supported in Conduit, IMSA 20-1, AWG 14, 7 Conductor				
1340	668-A016		3,330	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 1"				
1350	668-A018		3,645	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 2"				
1360	668-A020		140	Linear Feet	Traffic Signal Conduit, Underground, Type 4, 3"				
1370	668-B023		310	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 1"				
1380	668-B024		1,630	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 2"				
1390	668-B025		215	Linear Feet	Traffic Signal Conduit, Underground Drilled or Jacked, Rolled Pipe, 3"				
1400	668-C004		1,265	Linear Feet	Traffic Signal Conduit, Aerial Supported, Type 1, 2 1/2"				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1410	668-C005		175	Linear Feet	Traffic Signal Conduit, Aerial Supported, Type 1, 2"				
1420	699-A001		1	Lump Sum	Roadway Construction Stakes	XXXXXXXX	XXX		
1430	815-A004	(S)	150	Square Yard	Loose Riprap, Size 300				
1440	815-A006	(S)	300	Ton	Loose Riprap, Size 100				
1450	815-E001	(S)	175	Square Yard	Geotextile under Riprap				
1460	907-213-A001				Deleted 03/15/2010	XXXXXXXX	XXX	XXXXXXXX	XXX
1466	907-225-A001		20	Acre	Grassing				
					Added 03/15/2010				
1467	907-225-B001		61	Ton	Agricultural Limestone				
					Added 03/15/2010				
1468	907-226-A001		10	Acre	Temporary Grassing				
					Added 03/15/2010				
1470	907-230-A042		2,400	Each	Shrub Planting, Annuals 4" Pots				
1480	907-230-A043		6,291	Each	Shrub Planting, Asian Jasmine 4" Pots				
1490	907-230-A044		1,007	Each	Shrub Planting, Parsons Juniper 2 Gallon				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1500	907-230-B011		12	Each	Tree Planting, Southern Magnolia Select #3. 6'-8' Ht.				
1510	907-230-B023		54	Each	Tree Planting, Eastern Red Cedar 4'-5' Ht.				
1520	907-230-B040		29	Each	Tree Planting, Red Sunset Maple				
1530	907-230-B094		70	Each	Tree Planting, Spruce Pine 4'-5' Ht.				
1540	907-234-D001		4	Each	Inlet Siltation Guard				
1550	907-237-A002		360	Linear Feet	Wattles, 12"				
1560	907-237-A003		460	Linear Feet	Wattles, 20"				
1570	907-245-A001		420	Linear Feet	Triangular Silt Dike				
1580	907-246-A001		600	Linear Feet	Sandbags				
1590	907-304-C001	(GY)	1,720	Cubic Yard	Granular Material, AEA, Class 5, Group C				
1600	907-304-C005	(GY)	7,030	Cubic Yard	Granular Material, AEA, Class 9, Group C				
1610	907-304-F003	(GT)	200	Ton	3/4" and Down Crushed Stone Base				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1620	907-307-B002	(M)	30,816	Square Yard	6" Soil-Lime-Water Mixing, Class B				
1630	907-307-D001		425	Ton	Lime				
1640	907-403-A001	(BA1)	1,080	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture				
1650	907-403-A002	(BA1)	7,306	Ton	Hot Mix Asphalt, HT, 19-mm mixture				
1660	907-403-A005	(BA1)	1,093	Ton	Hot Mix Asphalt, HT, 9.5-mm mixture				
1670	907-403-A012	(BA1)	4,703	Ton	Hot Mix Asphalt, ST, 19-mm mixture				
1680	907-403-D001	(BA1)	2,657	Ton	Hot Mix Asphalt, HT, 12.5-mm mixture, Polymer Modified				
1690	907-403-D004	(BA1)	2,073	Ton	Hot Mix Asphalt, HT, 9.5-mm mixture, Polymer Modified				
1700	907-601-A001	(S)	577	Cubic Yard	Class "B" Structural Concrete				
1710	907-601-B003	(S)	266	Cubic Yard	Class "B" Structural Concrete, Minor Structures				
1720	907-605-O001	(S)	3,000	Linear Feet	6" Perforated Sewer Pipe for Underdrains, SDR 23.5				
1730	907-605-P001	(S)	100	Linear Feet	6" Non-perforated Sewer Pipe for Underdrains, SDR 23.5				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1740	907-616-C001	(S)	26,691	Square Feet	Stamped & Colored Concrete Median and/or Island Pavement, Per Plans				
1750	907-617-A001		96	Each	Right-of-Way Marker				
1760	907-626-A003		2	Mile	6" Thermoplastic Traffic Stripe, Skip White				
1770	907-626-B004		1	Mile	6" Thermoplastic Traffic Stripe, Continuous White				
1780	907-626-C004		3	Mile	6" Thermoplastic Edge Stripe, Continuous White				
1790	907-626-D004		640	Linear Feet	6" Thermoplastic Traffic Stripe, Skip Yellow				
1800	907-626-E004		2	Mile	6" Thermoplastic Traffic Stripe, Continuous Yellow				
1810	907-626-F004		1	Mile	6" Thermoplastic Edge Stripe, Continuous Yellow				
1820	907-626-G004		7,618	Linear Feet	Thermoplastic Detail Stripe, White				
1830	907-626-G005		4,447	Linear Feet	Thermoplastic Detail Stripe, Yellow				
1840	907-626-H004		5,441	Linear Feet	Thermoplastic Legend, White				
1850	907-626-H005		947	Square Feet	Thermoplastic Legend, White				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1860	907-637-A001		1	Each	Equipment Cabinet, Type B				
1870	907-639-A002		2	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 50' Arm				
1880	907-639-A006		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 30' Arm				
1890	907-639-A007		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 40' Arm				
1900	907-639-A008		1	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 55' Arm				
1910	907-639-A012		5	Each	Traffic Signal Equipment Pole, Type II, 17' Shaft, 45' Arm				
1920	907-639-A034		1	Each	Traffic Signal Equipment Pole, Type VI, 8' Shaft				
1930	907-639-A071		1	Each	Traffic Signal Equipment Pole, Type IV, 40' Shaft, 55' Arm				
1940	907-639-C004		23	Cubic Yard	Pole Foundations, 30" Diameter				
1950	907-650-A003		1	Each	On Street Video Equipment, PTZ Type				
1960	907-657-A001		6,285	Linear Feet	Fiber Optic Cable, 72 SM				
1970	907-657-B001		445	Linear Feet	Fiber Optic Drop Cable, 12 SM				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
1980	907-658-A001		3	Each	Hardened Network Switch, Type A				
1990	907-658-A002		1	Each	Hardened Network Switch, Type B				
2000	907-659-A001		1	Lump Sum	Traffic Management Center Modifications	XXXXXXXX	XXX		
2010	907-662-A001		3	Each	Video Encoder, Type A				
	Changed 03/15/2010								
2020	907-662-B001		1	Each	Video Decoder, Type A				
2030	907-804-B001	(S)	154	Cubic Yard	Box Bridge Concrete, Class B				
2040	907-899-A001		1	Lump Sum	Railway-Highway Provisions	XXXXXXXX	XXX		
ALTERNATE GROUP AA NUMBER 1									
2050	907-308-A001		554	Ton	Portland Cement				
2060	907-308-B001	(M)	38,520	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Base				
ALTERNATE GROUP AA NUMBER 2									
2070	907-311-A003	(M)	38,520	Square Yard	Processing Lime and Fly Ash Treated Course, 6" Thick				
2080	907-311-B001		302	Ton	Lime				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
2090	907-311-C002		1,210	Ton	Fly Ash, Class C or F				
ALTERNATE GROUP BB NUMBER 1									
2100	907-308-A001		67	Ton	Portland Cement				
2110	907-308-B002	(M)	7,704	Square Yard	Soil-Cement-Water Mixing, Optional Mixers, Design Soil				
ALTERNATE GROUP BB NUMBER 2									
2120	907-311-A003	(M)	7,704	Square Yard	Processing Lime and Fly Ash Treated Course, 6" Thick				
2130	907-311-B001		50	Ton	Lime				
2140	907-311-C002		200	Ton	Fly Ash, Class C or F				
Bridge Items									
2150	501-K001		6,813	Square Yard	Transverse Grooving				
2160	602-A001	(S)	25,756	Pounds	Reinforcing Steel				
2170	801-A001	(S)	6,034	Cubic Yard	Foundation Excavation for Bridges				
2180	803-N001	(S)	60	Linear Feet	Exploration				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
2190	803-O003	(S)	300	Linear Feet	Permanent Casing, 48" Diameter				
2200	803-O008	(S)	1,620	Linear Feet	Temporary Casing, 48" Diameter				
2210	805-A001	(S)	1,439,206	Pounds	Reinforcement				
2220	809-A004	(S)	26,715	Square Feet	Mechanically Stabilized Earth Wall System				
2230	810-A002	(S)	8,451,133	Pounds	Structural Steel, A 709				
2240	813-B001	(S)	3,988	Linear Feet	Concrete-Steel Railing				
2250	815-D001	(S)	14	Cubic Yard	Concrete Slope Paving				
2260	907-601-A002	(S)	595	Cubic Yard	Class "AA" Structural Concrete				
2270	907-803-K001	(S)	4,992	Linear Feet	Drilled Shaft, 48" Diameter				
2280	907-803-L003	(S)	1	Each	Test Shaft, 48" Diameter				
2290	907-803-M001	(S)	60	Linear Feet	Trial Shaft, 48" Diameter				
2300	907-804-A001	(S)	9,400	Cubic Yard	Bridge Concrete, Class AA				

Line No.	Item Code	Adj Code	Quantity	Units	Description	Unit Price		Bid Amount	
2310	907-811-D001	(S)	90	Each	Disc Bearing Device				
2320	907-831-PP001		1	Lump Sum	Architectural Precast Pieces	XXXXXXXX	XXX		

*** 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

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2976

CODE: (SP)

DATE: 02/23/2010

SUBJECT: Additional Erosion Control Requirements

Bidders are hereby advised of the following requirements that relate to erosion control activities on the project.

THE MAXIMUM TOTAL ACREAGE THAT CAN BE DISTURBED, AT ONE TIME, ON THE PROJECT IS NINETEEN (19) ACRES. THE CONTRACTOR SHALL BE REQUIRED TO STABILIZE DISTURBED AREAS PRIOR TO OPENING UP ADDITIONAL SECTIONS OF THE PROJECT. STABILIZED SHALL BE WHEN THE DISTURBED AREA HAS BEEN GRASSED, EITHER TEMPORARY OR PERMANENT, AND MULCHED ACCORDING TO THE SPECIFICATIONS. DISTURBED AREAS INCLUDE THE ROADBED, SLOPES AND REMAINING AREA OUT TO THE ROW LINE.

Clearing and Grubbing: Prior to beginning any clearing and grubbing operations on the project, controls shall be in place to address areas such as drainage structures, wetlands, streams, steep slopes and any other sensitive areas as directed by the Engineer. Clearing and grubbing should be limited to the minimum area necessary to construct the project. Grubbing operations should be minimized in areas outside the construction limits and stumps should be cut off flush with the existing ground elevations. A buffer area of at least fifteen (15) feet shall be in place adjacent to the right-of-way line and at least five (5) feet adjacent to stream banks. The buffer area can either be the existing vegetation that is left undisturbed or re-established by planting new vegetation if clearing and grubbing was required.

Unclassified Excavation: Cut sections shall be graded in accordance with the typical sections and plan grades. Permanent erosion control BMP's should be placed as soon as possible after the cut material has been moved. Fill sections that are completed shall have permanent erosion control BMP's placed. Fill sections that are not completed will be either permanently or temporarily grassed until additional material is made available to complete these sections. All unclassified excavation on the project will still be required to be moved prior to incorporating any borrow excavation on the project. The contractor may have to stockpile unclassified excavation in order to comply with the nineteen (19) acre requirement. No additional compensation will be made for stockpiling operations.

Disturbed areas that remain inactive for a period of more than thirty (30) days shall be temporary grassed and mulched. Temporary grassing and mulching shall only be paid one time for a given area.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2985

CODE: (SP)

DATE: 03/03/2010

SUBJECT: Application Rate for Mulch

Bidders are advised that the application rate for mulch used for temporary grassing on this project will be **2 tons per acre**. If the vegetation schedule in the plans show something other than 2 tons per acre, the Contractor is to disregard the vegetation table and use 2 tons per acre.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3023

CODE: (SP)

DATE: 03/16/2010

SUBJECT: Bridge Header Curb

PROJECT: STP-6947-00(004) / 101708302 -- Madison County

Bidders are advised that the quantity for the dowelled header curb going across the bridge on this project is included in the quantity for pay item 907-804-A, Bridge Concrete, Class AA.

Bidders are also advised that pay item 609-B, Concrete Curb, Special Design Doweled, is to be used on the bridge end pavement.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. [907-225-2](#)

CODE: (SP)

DATE: [03/02/2010](#)

SUBJECT: **Grassing**

Section 907-225, Grassing, of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows:

907-225.01--Description. Delete the last sentence of the first paragraph of Subsection 225.01 on page 158 and substitute the following.

This work includes ground preparation, fertilizing, and seeding necessary to establish a satisfactory growth of grass.

Delete the last paragraph of Subsection 225.01 on page 159.

907-225.02--Materials. Delete Subsection 225.02.3 on page 159 and substitute the following.

907-225.02.3--Blank.

907-225.03--Construction Requirements. Delete Subsection 225.03.4 on pages 162 and 163.

907-225.04--Method of Measurement. After the second sentence of Subsection 225.04 on page 163, add the following:

Acceptable quantities of agricultural limestone will be measured by the ton.

907-225.05--Basis of Payment. After the first paragraph of Subsection 225.05 on page 163, add the following:

Hard rock agricultural limestone will be paid for at the contract unit price per ton. Hard rock agricultural limestone with a relative neutralizing value (RNV), determined in accordance with Subsection 907-715-02.2.1.3, of between 60.0% and 62.9% will be paid for at half (½) the contract unit price per ton. No payment will be made for hard rock agricultural limestone with an RNV less than 60.0%.

Delete the first pay item listed on page 163 and substitute the following:

907-225-A: Grassing - per acre

907-225-B: Agricultural Limestone - per ton

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-226-1

CODE: (IS)

DATE: 06/23/2004

SUBJECT: Temporary Grassing

Section 907-226, Temporary Grassing, is hereby added to and made part of the 2004 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as follows:

SECTION 907-226 -- TEMPORARY GRASSING

907-226.01--Description. This work consists of furnishing, transporting, placing, plant establishment and all work necessary to produce rapid-growing grasses, grains or legumes to provide an initial, temporary cover of grass. This work includes ground preparation, fertilizing, seeding and mulching necessary to establish a satisfactory growth of temporary grass.

The Engineer or the plans will designate areas to be temporarily grassed. Any other areas the Contractor desires to grass will be measured for payment on if agreed upon by the Engineer.

907-226.02--Materials.

907-226.02.1--Fertilizers. Fertilizers for purposes of these specifications shall be understood to include standard manufactured products consisting of single or combination ingredients and agricultural limestone.

All fertilizer shall comply with the State fertilizer laws and the requirements of these specifications.

Fertilizers shall meet the requirements of Subsection 715.02.

907-226.02.2--Seeds. Seeds shall meet the requirements of Subsection 715.03, subject to the provisions of this subsection. The Contractor shall acquire seed from persons registered with the Mississippi Department of Agriculture and Commerce.

Except for the germination requirements, bags of seeds properly labeled or tagged according to law and indicating characteristics meeting or exceeding the requirements of Subsection 715.03 will be acceptable for planting.

The Contractor should provide adequate dry storage facilities for seeds, and shall furnish access to the storage for sampling stored seed.

907-226.02.3--Mulching. The vegetative materials for mulch shall meet the requirements of Subsection 715.05.

When used, bituminous material for mulch shall be Emulsified Asphalt, Grade SS-1, meeting the requirement of Subsection 702.07.

907-226.03--Construction Requirements. When the payment for temporary grassing is made using individual pay items, the rate of application shall not exceed the rate shown on the temporary vegetation schedule, unless otherwise approved by the Engineer. Any unauthorized overage due to increased application rates will not be measured for payment.

907-226.03.1--Ground Preparation.

907-226.03.1.1--General. Any equipment used for ground preparation shall be approved units suitable to perform the work and subject to the requirements of Subsection 108.05.

Light ground preparation should be used on areas where seeding is required to improve the coverage of partially vegetated areas.

907-226.03.1.2--Light Ground Preparation. Light ground preparation consists of scratching the surface with a close-tooth harrow, disk-harrow, or similar equipment. The depth of scratching should be at least three-quarters inch but not deep enough to damage existing grasses of the type being planted.

Aerating, moistening, or otherwise bringing the soil to a suitable condition for ground preparation shall be considered as incidental to the work and will not be measured for separate payment.

907-226.03.2--Fertilizing. The Contractor shall furnish all equipment necessary to properly handle, store, uniformly spread, and incorporate the specified application of fertilizer.

The Contractor shall incorporate fertilizer at a rate of 500 pounds per acre of 13-13-13 commercial fertilizer. The equivalent rate of other type fertilizers will be allowed if the equivalent percentages of Nitrogen, Phosphorus and Potassium are obtained. Fertilization shall be applied uniformly on the areas to be planted or seeded and uniformly incorporated into the soil.

Fertilizers should be applied on individual areas of not more than three acres.

All fertilizer should be incorporated within 24 hours following spreading.

907-226.03.3--Seeding.

907-226.03.3.1--General. Prior to planting the seeds, ground preparation and fertilizing should have been satisfactorily performed.

The required type of seeds, recommended rates of application and recommended planting dates of seeds are shown in the vegetation schedule on the plans. It is the Contractor's responsibility to apply an ample amount of each type of seed to produce a satisfactory growth of grass and of the seed type required.

Legume seeds should be treated in accordance with Subsection 715.03.4 immediately before sowing. Seeds should be uniformly sown over the entire area with mechanical seeders. Seeds of different sizes may necessitate separate sowing. When legume seeds become dry, they should be reinoculated.

Seeding should not be done during windy weather or when the ground is frozen, extremely wet, or in an untillable condition.

All seeds should be covered lightly with soil by raking, rolling, or other approved methods, and the area compacted with a cultipacker.

907-226.03.3.2--Plant Establishment. Plant establishment shall consist of preserving, protecting, watering, reseeding, and other work necessary to keep the seeded areas in satisfactory condition.

Areas requiring reseeding should be prepared and seeded and all other work performed as if the reseeding was the initial seeding. The types and application rates of fertilizer will be at the discretion of the Contractor.

907-226.03.3.3--Growth and Coverage. It shall be the Contractor's responsibility to provide satisfactory growth and coverage of grasses, legumes, or combination produced from the specified seeding.

Growth and coverage on seeded areas will be considered to be in reasonably close conformity with the intent of the contract when the type of vegetation specified, exclusive of that from seeds not expected to have germinated and shows growth at that time, has reached a point of maturity where stems or runners overlap adjacent similar growth in each direction over the entire area.

907-226.03.4--Mulching.

907-226.03.4.1--Equipment. Mulching equipment should be capable of maintaining a constant air stream which will blow or eject controlled quantities of mulch in a uniform pattern. If asphalt is used, a jet or spray nozzle for applying uniform, controlled amounts of asphalt to the vegetative material as it is ejected should be located at or near the discharge spout.

Mulch stabilizers should consist of dull blades or disks without camber and approximately 20 inches in diameter. The disks should be notched, should be spaced at approximately 8-inch intervals, and should be equipped with scrapers. The stabilizer should weigh approximately 1000 to 1200 pounds, should have a working width of no more than eight feet, and should be equipped with a ballast compartment, so that weight can be increased.

907-226.03.4.2--Placement of Vegetative Mulch. If required, mulching should be placed uniformly on designated areas within 24 hours following seeding unless weather conditions are such that mulching cannot be performed. Placement should begin on the windward side of areas and from tops of slopes. In its final position, the mulch should be loose enough to allow air to circulate but compact enough to partially shade the ground and reduce erosion.

The baled material should be loosened and broken thoroughly before it is fed into the machine to avoid placement of unbroken clumps.

907-226.03.4.3--Rates of Application and Anchoring Mulch. The recommended rate of application of vegetative mulch shall be as shown in the vegetation schedule in the plans. The mulch should be anchored by either the use of a mulch stabilizer or by tacking with bituminous material. If a mulch stabilizer is used, the mulch should be punched into the soil for a minimum depth of one inch. If bituminous material is used, the rate of application should be 150 gallons per acre.

Where steep slopes or other conditions are such that anchoring cannot be performed satisfactory with a mulch stabilizer, the Contractor may elect to use bituminous material applied at the time or immediately following the mulch placement.

When mulch stabilizers are used, anchoring the mulch should be performed along the contour of the ground surface.

907-226.03.4.4--Protection and Maintenance. The Contractor should take every precaution to prevent unnecessary foot and vehicular traffic.

907-226.04--Method of Measurement. When a pay item for temporary grassing is included in the plans, temporary grassing will be measured by the acre. Acceptance will be based on a satisfactory growth and coverage of seeds planted. When a pay item for temporary grassing is not included in the plans, temporary grassing shall be measured for payment using the appropriate pay items in the contract.

907-226.05--Basis of Payment. When a pay item for temporary grassing is included in the plans, temporary grassing, measured as prescribed above, will be paid for at the contract unit price per acre, which will be full compensation for all required materials, equipment, labor, testing and all work necessary to establish a satisfactory growth of grass.

Payment will be made under:

907-226-A: Temporary Grassing

- per acre