

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 – NOTICE TO BIDDERS NO. 2430

CODE: (SP)

DATE: 05/18/2020

SUBJECT: Scope of Work

PROJECT: MP-7037-65(009) / 307070301 -- Smith County

The contract documents do not include an official set of construction plans, but may, by reference, include some Standard Drawings when so specified in a Notice to Bidders entitled, “Standard Drawings”. All other references to plans in the contract documents and Standard Specifications for Road and Bridge Construction are to be disregarded.

The work to be accomplished using the pay items and corresponding specifications set forth in the contract is to overlay approximately 2.3 miles of SR 37 beginning at the Covington County Line and proceed north to Moore Street in Taylorsville.

Work on the Project shall consist of the following:

1. The Contractor shall erect and maintain construction signing, provide all signs, set up night time lane closures (if needed) and traffic handling devices in accordance with the Traffic Control Plan. The cost for this work is to be included in the price bid for pay item 618-A: Maintenance of Traffic. All traffic control devices on this project should comply with the latest version of the MUTCD. Fluorescent orange sheeting shall be used on all construction and traffic control signs except for those designated in the standards to be black legend and border on white background.
2. Prior to the overlay, the existing shoulders shall be clipped and surplus material shall be spread along the edge of the shoulders, fore slopes, or other adjacent areas as directed by the Project Engineer, and will be an absorbed item.
3. It shall be the responsibility of the Contractor to protect the roadway and all existing structures, such as bridges, culverts, signs, and curb, from damage occurring as a result of the Contractor’s operations. Damages to existing structures caused by the Contractor’s operations shall be repaired or replaced at no cost to the Department.
4. Incidental work such as removing vegetation, shaping and compaction of shoulders, removing excess asphalt material, project clean-up, and other incidental work necessary to complete the project will not be measured for separate payment, but will be included in other bid items.
5. It is the Contractor’s responsibility to insure the drainage of surface water from milled areas. Temporary wedges (paper joints) of full lane width asphalt shall be placed by the Contractor immediately after the fine milling process to allow the safe transition of traffic. These

wedges shall be maintained in a satisfactory condition by the Contractor until the permanent asphalt is placed to be absorbed.

- 6. The Contractor shall first fine mill 1½” at the BOP (435+88) and EOP (557+50).
- 7. The Contractor shall fine mill 3” at the locations shown below and place one 3” lift of 19-mm, ST, asphalt in these locations all in a daytime lane closure. This operation should be done in a manner that each location’s fine milling and placement of 19-mm asphalt is complete by the end of day and opened to traffic.

<u>STATION</u>	<u>STATION</u>	<u>LENGTH</u>	<u>WIDTH</u>	<u>DIRECTION</u>
478+88	481+88	300’	11’	NB
493+88	505+88	1,200’	11’	NB
466+25	467+25	100’	11’	SB
477+00	478+75	175’	11’	SB
498+30	499+75	145’	11’	SB
517+40	518+40	100’	11’	SB
519+70	521+00	130’	11’	SB
545+00	547+00	200’	11’	SB

- 8. The Contractor shall perform pre-leveling operations of ½” and variable of Ultra-Thin asphalt pavement, Leveling, beginning at the BOP (435+88) to the EOP (557+50) as shown in TS-1.

The Contractor shall take due care to maintain a uniform outside edge of pavement and shall place asphalt to establish an approximate vertical face in order for granular material to be placed directly against an approximate vertical surface and not on a shelf of an underlying course. A rubber tire roller shall be used in addition to a steel wheel roller in obtaining compaction in the wheel ruts on this leveling lift of asphalt.

- 9. The Contractor shall place a 1” and variable of 9.5-mm, ST, asphalt (11’ wide) on the roadway left and right of the centerline from BOP (435+88) to EOP (557+50). The finished cross-slope is to be 2% in tangent sections and the appropriate super elevation rate in horizontal curves.

The Contractor shall place 1½” and variable of 9.5-mm, ST, asphalt on the local roads, streets and driveways ramps (as applicable).

Driveway aprons shall be paved 10’ wide as per the attached drawing and as directed by the Engineer. All turnouts shall be paved to the normal right of way line or as directed by the Engineer.

The Contractor shall remove existing pavement markers prior to placing asphalt. The cost of removing these pavement markers is to be included in other items.

Note: The Contractor shall be responsible for traffic control while MDOT personnel conduct density testing on the asphalt. The cost is to be included in the price bid for pay item 618-A: Maintenance of Traffic.

10. The Contractor shall place granular material on the shoulders to raise the existing shoulders to the new grade, bladed, shaped, and compacted to a minimum slope of 4%. Granular material will not be allowed to be placed directly on the surface lift of asphalt, but must be placed directly on the gravel shoulder or a road widener machine used and approved by the Project Engineer. Light blading or mowing of the shoulders will be required prior to placement of the granular material.
11. The Contractor shall place all permanent pavement markings. Audible edge stripe shall be placed on both sides of the roadway from BOP (435+88) to EOP (557+50) or as directed by the Engineer. Raised pavement markers shall be placed from the BOP (435+88) to EOP (557+50) or as directed by the Engineer.

Incidental work that is necessary to complete the work will not be paid for in direct compensation and will be considered included in the bid prices for the listed items.

An asphalt taper shall be placed at the temporary joints caused by the milling or overlay in order to provide for the safe movement of traffic. The taper shall be three feet (3') in length per one inch (1") of depth and will be an absorbed item.

Temporary stripe is required immediately after milling, preliminary leveling, and overlaying operations and prior to opening the area to traffic. Temporary stripe shall be placed in the same location and layout as permanent stripe.

The Contractor shall provide all signs and traffic handling devices necessary to safely maintain traffic around or through the work areas.


All asphalt and concrete curbs along ramps, local roads, etc. from BOP (435+88) to EOP (557+50) shall be painted with two applications of white traffic paint and traffic beads; cost to be absorbed in other pay items.

STATE	MISS	PROJECT NO.	MP-7037-65(009)
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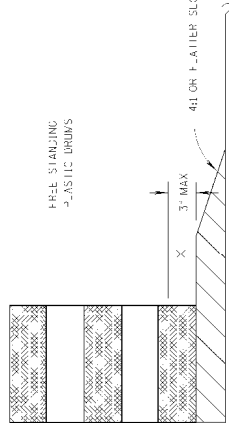
SUMMARY OF QUANTITIES (SHEET 1)

PAY ITEM NO.	PAY ITEM	UNIT	SMITH : 307070-301000	
			Prelim	Final
304-G002	Excess Excavation, LVM, AH	CY	21	
304-A008	Granular Material, LVM, Class 6, Group D	CY	1,501	
403-A006	19-mm, 5T, Asphalt Pavement	TON	474	
403-A015	9.5-mm, 5T, Asphalt Pavement	TON	2,085	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	3,606	
407-A001	Asphalt for Tack Coat	GAL	4,844	
907-411-A001	Ultra Thin Asphalt Pavement (LEVELING)	TON	1,022	
412-A001	Pre-Grinding	SF	3,084	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	1	
619-A1001	Temporary Traffic Stripes, Continuous White	MI	19	
619-A2001	Temporary Traffic Stripes, Continuous Yellow	MI	8	
619-A4002	Temporary Traffic Stripes, Skip Yellow	MI	7	
619-A5001	Temporary Traffic Stripes, Detail	LF	1,285	
619-A6002	Temporary Traffic Stripes, Legend	LF	788	
907-619-B001	Temporary Portable Rumble Strips	LF	66	
620-A001	Mobilization	LS	1	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	5	
907-626-C003	Thermoplastic Audible Edge Stripe	MI	5	
626-D001	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow	MI	2	
626-E001	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	MI	2	
626-G002	Thermoplastic Detail Stripe, White	LF	815	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	470	
626-H005	Thermoplastic Legend, White	LF	788	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	135	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	262	
627-P001	Two-Way Blue Reflective High Performance Raised Markers	EA	10	

- ① TO BE USED FOR REPAIR SECTIONS. SEE TS-1.
- ② INCLUDES 733 SY OF 1.5" MILLING @ BOP/EOP AND 2,872 SY OF 3" MILLING @ REPAIR SECTIONS.
- ③ TO INCLUDE 1,635 TONS FOR MAINLINE, 28 TONS FOR UNDER GUARDRAIL, 172 TONS FOR LOCAL ROADS, AND 250 TONS FOR DRIVEWAY PADS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
SUMMARY OF QUANTITIES	
	Working Number: SQ-1
PROJ NO: MP-7037-65(009)	Sheet Number: 1
COUNTY: SMITH	Design Team: Greg Wilkinson
FILENAME: Greg Wilkinson	Checked: _____
Date: 2/1/20	

This sheet is for informational purposes only. The bid sheets contain the correct pay items and quantities.



SMALLER MATERIAL REQUIRED
 SAME CLASSIFICATION AS SHOULDER MATERIAL,
 SEE TYPICAL SECTIONS

**DETAIL OF DRUM PLACEMENT AT
 PAVEMENT EDGE DROP-OFF**

NOTES:

* A. PAVEMENT EDGE DROP-OFF

- IF LESS THAN TWO AND ONE QUARTER (2.25) INCHES NO PROTECTION REQUIRED. PLACE A SHOULDER MARK SIGN (W8-9) 50 FEET IN ADVANCE OF WORK ZONE SHOULDER AND A LOW SHOULDER SIGN (W8-5) AT THE BEGINNING AND THROUGHOUT THE WORK ZONE (1 MILE MAX.).
- TWO AND ONE QUARTER TO FIVE INCHES PLACE DRUMS, VERTICAL PANELS OR BARRICADES EVERY 100 FEET ON LENGTH SECTIONS OR 50 FEET PER HOUR OF GREATER. CONES MAY BE USED IN PLACE OF DRUMS, PANELS AND BARRICADES. DRUMS MAY BE USED FOR TAPER SECTIONS WITH SPEEDS LESS THAN 50 MPH PER HOUR AND FOR CURVES. DEVICES SHOULD BE PLACED EVERY 50 FEET. SPACING FOR TAPERS SHOULD BE IN ACCORDANCE WITH THE MULTICL. 1 / 3 L, WHERE L IS THE TAPER LENGTH IN FEET.
- GREATER THAN FIVE (5) INCHES POSITIVE INFRACTION OR WFOFF WITH 4:1 OR FLATTER SLOPE OFF WFOFF. IF TAPER IS FISH" (6) FEET OR MORE DISTANCE BETWEEN THE EDGE OF TRAVEL AND DROP-OFF, THEN DRUMS, PANELS OR BARRICADES MAY BE USED.
- FOR TEMPORARY CONDITIONS, DROP-OFFS GREATER THAN THREE (3) INCHES MAY BE PROTECTED WITH DRUMS, VERTICAL PANELS OR BARRICADES FOR SHORT DISTANCES DURING DAYLIGHT HOURS WHILE WORK IS BEING DONE IN THE DROP-OFF AREA.
- IF SLOTTED TREATMENTS IN ANY DIRECTION ABOVE MAY BE CONSIDERED FOR LOCAL STREETS.

3. DRUM SPACING

- LENGTH = 2 X S
- TAPERS = L / 3
 WFOFF = L - S X W

S = TAPER LENGTH IN FEET
 S = SPEED IN MPH POSTED OR 85 PERCENTILE
 W = WIDTH OF OFFSET IN FEET

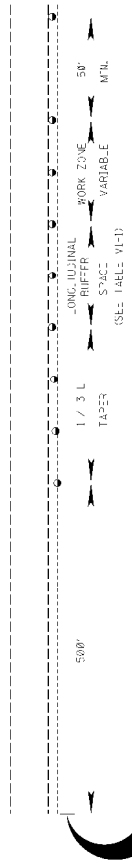
C. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET SHALL BE PAID FOR UNDER MAINTENANCE OF TRAFFIC.

* ARIE WITH LUMINOUS BUFFER SPACE
 LOCAL BUFFER SPACE

ITEM	QUANTITY	UNIT	PRICE
20	20	FEET	55
30	30	FEET	65
40	40	FEET	70
45	45	FEET	75
50	50	FEET	80
55	55	FEET	85
60	60	FEET	90
65	65	FEET	95

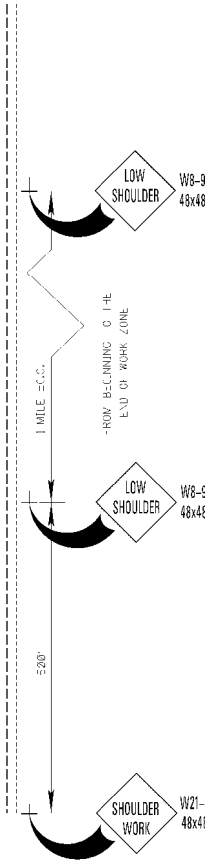
* * * * * POSITIVE SLOPE OF HEAVY PERCENTILE SHOULD BE USED FOR WORK STARTING ON THE ANTICIPATED OPENING SPEED IN MPH.

PLASTIC DRUMS
 (SEE NOTE FOR SPACING)



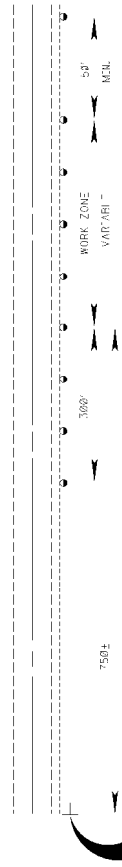
TYPICAL SHOULDER CLOSURE

- TO BE USED WITH FIG. 107 FOOT OR GREATER WIDTH IMPROVED SHOULDER.
- TO BE USED WHEN CONSTRUCTION VEHICLES EQUIPMENT ENCROACHES ON OR WITHIN 100 (2) FEET OF THE SHOULDER BREAK.



**TYPICAL SHOULDER WORK #1
 (SEE NOTE A-1 THIS SHEET)**

PLASTIC DRUMS
 (SEE NOTE FOR SPACING)



TYPICAL SHOULDER WORK #2

NOTE:
 WORK OUTSIDE TWO (2) FEET AND WITHIN TEN (10) FEET OF THE SHOULDER BREAK MAY BE PROTECTED BY PLACING DRUMS ALONG THE SHOULDER EDGE, 300 FEET PRIOR TO AND 50 FEET BEYOND THE WORK AREA. OR SEE NOTE A-3 THIS SHEET.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 TRAFFIC CONTROL DETAILS
 DRUM PLACEMENT AND
 SHOULDER CLOSURE

PROJ. NO.: MP-7037-65(009)
 COUNTY: SMITH
 FILE NAME: 220101616.DWG
 \$PG\$

SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	UNIT SQ. FT.	REMARKS
W1 - 2	36" X 36"	9.00	324.00	FRESH OIL (TAR)
W21 - 3	48" X 48"	16.00	768.00	ADVANCE ROAD MACHINERY
W21 - 5	48" X 48"	16.00	768.00	SHOULDER WORK
W21 - 6	36" X 36"	9.00	324.00	SURVEY CREW
TYPE "B" WARNING LIGHT		1 E	2E	WARNING LIGHT
VP - 1L	12" X 36"	3.00	108.00	
VP - 1R	12" X 36"	3.00	108.00	
OM - 3	12" X 36"	3.00	108.00	
OM - 3R	12" X 36"	3.00	108.00	
TOTAL SIGN AREA			LESS THAN 10 SQ. FT.	
TOTAL SIGN AREA			10 SQ. FT. OR MORE	
			440	

- 1) STANDARD
- 2) SPECIAL USE WHERE WARRANTED

NOTES

- 1) "T" RATES AT ROUTE MARKER
 - 2) "M" IS STATION ROUTE MARKER
 - 3) STATE ROUTE MARKER
 - 4) COLORS ON CARDINAL DIRECTION MARKERS SHALL BE APPROPRIATE TO MATCH ACCOMPANYING ROUTE MARKERS.
 - 5) BLACK STRIPES ON YELLOW BACKGROUND
 - 6) INTERSTATE USE ONLY
 - 7) TOP OF SIGN, BLACK LETTERING ON ORANGE BACKGROUND, BOTTOM OF SIGN - BLACK LETTERING ON WHITE BACKGROUND
- THE BACKGROUND OF ALL WARNING SIGNS ("W" SERIES) SHALL BE YELLOW. THE BACKGROUND OF ALL WARNING SIGNS ("W" SERIES) SHALL BE YELLOW.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ESTIMATED QUANTITIES
FOR TRAFFIC CONTROL SIGNS

SMITH COUNTY
PROJECT NO.: MP-7037-65(009)
FLETCHER, EQUILIBRON
RICHMOND, MISSISSIPPI

DATE: 08-13-12



SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	UNIT SQ. FT.	REMARKS
W1 - 7	60" X 30"	12.50	375.00	
W1 - 8L	18" X 24"	3.00	108.00	
W1 - 8R	18" X 24"	3.00	108.00	
W1 - 9L	36" X 48"	12.00	432.00	
W1 - 9R	36" X 48"	12.00	432.00	
W3 - 10	48" X 48"	16.00	768.00	
W3 - 20	48" X 48"	16.00	768.00	
W3 - 3	48" X 48"	16.00	768.00	
W3 - 5	48" X 48"	16.00	768.00	
W4 - 1L	48" X 48"	16.00	768.00	
W4 - 1R	48" X 48"	16.00	768.00	
W4 - 2L	48" X 48"	16.00	768.00	
W4 - 2R	48" X 48"	16.00	768.00	
W5 - 10	48" X 48"	16.00	768.00	
W6 - 1	48" X 48"	16.00	768.00	
W6 - 2	48" X 48"	16.00	768.00	
W6 - 3	48" X 48"	16.00	768.00	
W8 - 1	48" X 48"	16.00	768.00	
W8 - 4	48" X 48"	16.00	768.00	
W8 - 6	48" X 48"	16.00	768.00	
W8 - 7	48" X 48"	16.00	768.00	
W8 - 9	48" X 48"	16.00	768.00	
W8 - 11	36" X 36"	9.00	324.00	
W8 - 12	48" X 48"	16.00	768.00	
W10 - 1	36" DIA.	7.07	254.53	
W10 - 1	48" DIA.	12.56	479.14	
W14 - 3	36" X 48" X 64"	9.89	354.12	
W16 - 2	24" X 18"	3.00	108.00	
W19 - 2	48" X 48"	16.00	768.00	
W20 - 1	48" X 48"	16.00	768.00	
W20 - 2	48" X 48"	16.00	768.00	
W20 - 3	48" X 48"	16.00	768.00	
W20 - 4	48" X 48"	16.00	768.00	
W20 - 5L	48" X 48"	16.00	768.00	
W20 - 5R	48" X 48"	16.00	768.00	
W20 - 70	48" X 48"	16.00	768.00	
W21 - 1	36" X 36"	9.00	324.00	
W21 - 10	36" X 36"	9.00	324.00	

SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	UNIT SQ. FT.	REMARKS
R1 - 3	18" X 9"	1.13	40.14	3-WAY, 4-WAY ETC.
R2 - 1	24" X 30"	5.00	150.00	
R2 - 2	36" X 48"	12.00	432.00	SPEED LIMIT
R2 - 3	48" X 60"	20.00	720.00	
R3 - 1	36" X 36"	9.00	324.00	
R3 - 2	48" X 48"	16.00	576.00	
R3 - 3	36" X 36"	9.00	324.00	
R3 - 4	48" X 48"	16.00	576.00	
R3 - 5L	30" X 35"	7.50	262.50	
R3 - 5R	30" X 35"	7.50	262.50	
R3 - 6L	30" X 35"	7.50	262.50	
R3 - 6R	30" X 35"	7.50	262.50	
R3 - 7L	30" X 30"	6.25	206.25	
R3 - 7R	30" X 30"	6.25	206.25	
R4 - 1	24" X 30"	5.00	150.00	DO NOT PASS
R4 - 2	24" X 30"	5.00	150.00	PASS WITH CARE
R4 - 7	48" X 60"	20.00	720.00	
R2 - 8	48" X 60"	20.00	720.00	
R5 - 10	42" X 30"	8.75	292.50	DO NOT ENTER
R6 - 1L	36" X 12"	3.00	108.00	WRONG WAY
R6 - 1R	36" X 12"	3.00	108.00	
R6 - 2L	24" X 30"	5.00	150.00	
R6 - 2R	24" X 30"	5.00	150.00	
R11 - 2	48" X 30"	10.00	360.00	ROAD CLOSED
R11 - 30	60" X 30"	12.50	450.00	
R11 - 30	60" X 30"	12.50	450.00	
R11 - 4	60" X 30"	12.50	450.00	
R12 - 1	36" X 48"	12.00	432.00	WEIGHT LIMIT XX TONS
R16 - 3	36" X 48"	12.00	432.00	WEIGHT LIMIT XX TONS
R16 - 3	48" X 60"	20.00	720.00	WEIGHT LIMIT XX TONS
W1 - 1L	48" X 48"	16.00	576.00	
W1 - 1R	48" X 48"	16.00	576.00	
W1 - 2R	48" X 48"	16.00	576.00	
W1 - 3L	48" X 48"	16.00	576.00	
W1 - 3R	48" X 48"	16.00	576.00	
W1 - 40L	48" X 48"	16.00	576.00	
W1 - 40R	48" X 48"	16.00	576.00	
W1 - 5L	48" X 48"	16.00	576.00	
W1 - 5R	48" X 48"	16.00	576.00	
W1 - 6L	48" X 24"	8.00	288.00	
W1 - 6R	48" X 24"	8.00	288.00	
W1 - 6R	48" X 24"	8.00	288.00	
W1 - 7	48" X 24"	8.00	288.00	

SIGNS REQUIRED

SIGN NO.	SIZE	QUAN. REQ'D.	UNIT SQ. FT.	REMARKS
C20 - 1	60" X 24"	10.00	360.00	END ROAD WORK
C20 - 2	48" X 24"	8.00	288.00	END ROAD WORK
C20 - 4	36" X 18"	4.50	159.75	PILOT CAR FOLLOW ME
M1 - 1	24" X 24"	4.00	144.00	1 OR 2 DIGIT
M1 - 4	30" X 24"	5.00	180.00	3 DIGIT
M1 - 4	30" X 24"	5.00	180.00	3 DIGIT
M1 - 5	24" X 24"	4.00	144.00	1 OR 2 DIGIT
M1 - 5	30" X 24"	5.00	180.00	3 DIGIT
M3 - 1	12" X 15"	2.00	60.00	LEFT TURN
M3 - 2	24" X 12"	2.00	60.00	RIGHT TURN
M3 - 3	24" X 12"	2.00	60.00	LEFT TURN
M3 - 3	24" X 15"	3.13	93.75	RIGHT TURN
M3 - 4	30" X 15"	3.13	93.75	LEFT TURN
M3 - 4	30" X 15"	3.13	93.75	RIGHT TURN
M4 - 8	24" X 12"	2.00	60.00	DETOUR
M4 - 8	30" X 15"	3.13	93.75	DETOUR
M4 - 9	48" X 36"	12.00	432.00	DETOUR
M4 - 9L	48" X 36"	12.00	432.00	DETOUR
M4 - 9R	48" X 36"	12.00	432.00	DETOUR
M4 - 9SL	48" X 36"	12.00	432.00	DETOUR
M4 - 9R	48" X 36"	12.00	432.00	DETOUR
M4 - 9SR	48" X 36"	12.00	432.00	DETOUR
M4 - 10L	48" X 18"	6.00	216.00	DETOUR
M4 - 10R	48" X 18"	6.00	216.00	DETOUR
M4 - 5	24" X 12"	2.00	60.00	T0
M5 - 1L	21" X 15"	2.19	65.71	
M5 - 1R	21" X 15"	2.19	65.71	
M5 - 2L	21" X 15"	2.19	65.71	
M5 - 2R	21" X 15"	2.19	65.71	
M6 - 1L	21" X 15"	2.19	65.71	
M6 - 1R	21" X 15"	2.19	65.71	
M6 - 2L	21" X 15"	2.19	65.71	
M6 - 2R	21" X 15"	2.19	65.71	
M6 - 3	21" X 15"	2.19	65.71	
R1 - 1	36" OCTAGON	7.46	270.54	STOP
R1 - 2	48" OCTAGON	13.25	504.00	STOP
R1 - 2	48" X 48"	6.33	227.88	YIELD
R1 - 2	60" X 60"	10.83	395.70	YIELD

Notice to Bidder No. 243



STATE OF MISSISSIPPI
DEPARTMENT OF TRANSPORTATION
PROJECT NO. MP-7037-65(009)
DATE: 08-13-12

Overlay approximately 2.3 miles of SR 37 beginning at Covington County Line North to Moore Street in Taylorsville, known as State Project No. MP-7037-65(009) / 307070301 in Smith County.

Line No.	Item Code	Adj Code	Quantity	Units	Description [Fixed Unit Price]
Roadway Items					
0020	304-A008	(GY)	1,501	Cubic Yard	Granular Material, LVM, Class 6, Group D
0030	403-A006	(BA1)	474	Ton	19-mm, ST, Asphalt Pavement
0040	403-A015	(BA1)	2,085	Ton	9.5-mm, ST, Asphalt Pavement
0050	406-D001		3,606	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0060	407-A001	(A2)	4,844	Gallon	Asphalt for Tack Coat
0070	412-A001		3,084	Square Feet	Pre-Grinding [\$3.25]
0080	618-A001		1	Lump Sum	Maintenance of Traffic
0090	618-B001		1	Square Feet	Additional Construction Signs [\$10.00]
0100	619-A1001		19	Mile	Temporary Traffic Stripe, Continuous White
0110	619-A2001		8	Mile	Temporary Traffic Stripe, Continuous Yellow
0120	619-A4002		7	Mile	Temporary Traffic Stripe, Skip Yellow
0130	619-A5001		1,285	Linear Feet	Temporary Traffic Stripe, Detail
0140	619-A6002		788	Linear Feet	Temporary Traffic Stripe, Legend
0150	620-A001		1	Lump Sum	Mobilization
0160	626-C002		5	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0170	626-D001		2	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0180	626-E001		2	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0190	626-G002		815	Linear Feet	Thermoplastic Detail Stripe, White
0200	626-G003		470	Linear Feet	Thermoplastic Detail Stripe, Yellow
0210	626-H005		788	Linear Feet	Thermoplastic Legend, White
0220	627-J001		135	Each	Two-Way Clear Reflective High Performance Raised Markers
0230	627-L001		262	Each	Two-Way Yellow Reflective High Performance Raised Markers
0240	627-P001		10	Each	Two-Way Blue Reflective High Performance Raised Markers
0250	907-411-A001	(BA1)	1,022	Ton	Ultra Thin Asphalt Pavement
0260	907-619-B001		66	Linear Feet	Temporary Portable Rumble Strips
0270	907-626-C003		5	Mile	Thermoplastic Audible Edge Stripe

