



SM No. CSP0168000131

PROPOSAL AND CONTRACT DOCUMENTS

FOR THE CONSTRUCTION OF

11

Thin Lift Overlay approximately 5 miles on SR 570 from west of Thompson Rd. to Natchez Dr. & approximately 4 miles on SR 44 from Locust St. to the Bogue Chitto River, known as State Project Nos. SP-0168-00(013) / 108888301, SP-0179-00 (022) / 108887301 & SP-0168-00(013) / 108888302 in Amite & Pike Counties.

Project Completion: 58 Working Days

(STATE DELEGATED)

NOTICE

**BIDDERS MUST COMPLETE AN ONLINE REQUEST
FOR PERMISSION TO BID THIS PROJECT.**

Electronic addendum updates will be posted on www.gomdot.com

**SECTION 900
OF THE CURRENT
2017 STANDARD SPECIFICATIONS
FOR ROAD AND BRIDGE CONSTRUCTION
JACKSON, MISSISSIPPI**

**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
TABLE OF CONTENTS**

**PROJECT: SP-0179-00(022)/108887301 - Pike
SP-0168-00(013)/108888301 - Amite
SP-0168-00(013)/108888302 - Pike**

Section 901 - Advertisement

Section 904 - Notice to Bidders

#1	Governing Specification, w/ Supplement
#3	Final Cleanup
#9	Federal Bridge Formula
#113	Tack Coat
#296	Reduced Speed Limit Signs
#445	Mississippi Agent or Qualified Nonresident Agent
#516	Errata and Modifications to the 2017 Standard Specifications
#1225	Early Notice to Proceed
#1226	Material Storage Under Bridges
#1241	Fuel and Material Adjustments
#2206	MASH Compliant Devices
#2273	Mississippi Special Fuel Tax Law
#2365	Special Project Sign
#2397	Smoothness Tolerances for Ultra-Thin Asphalt Pavement
#2654	Disadvantaged Business Enterprises In Special Funded Projects, w/ Supplement
#2954	Reflective Sheeting for Signs
#3117	Standard Drawings
#3603	Contract Time
#3604	Scope of Work

Section 907 - Special Provisions

907-102-2	Bidding Requirements and Conditions
907-103-2	Award and Execution of Contract
907-105-1	Authority of the Engineer
907-108-4	Subletting of Contract
907-109-3	Measurement and Payment
907-411-1	Material Transfer Equipment
907-420-2	Undersealing Concrete Pavement
907-619-6	Temporary Portable Rumble Strips
907-701-3	Hydraulic Cement
907-702-4	Bituminous Materials
907-703-1	Gradation
907-705-1	Stone Riprap
907-707-2	Joint Material
907-711-2	Plain Steel Wire
907-714-2	Miscellaneous Materials
907-720-2	Acceptance Procedure for Glass Beads
907-721-2	Materials for Signs

Section 905 - Proposal, Proposal Bid Items, Combination Bid Proposal

PROJECT: SP-0179-00(022)/108887301 - Pike
SP-0168-00(013)/108888301 - Amite
SP-0168-00(013)/108888302 - Pike

State Board of Contractors Requirement
State Certification Regarding Non-Collusion, Debarment and Suspensions
Section 902 - Contract Form
Section 903 - Contract Bond Forms

Progress Schedule

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

09/01/2021 09:37 AM

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 901 - ADVERTISEMENT

Electronic bids will be received by the Mississippi Transportation Commission at 10:00 o'clock A.M., Tuesday, September 28, 2021, from the Bid Express Service and shortly thereafter publicly read on the Sixth Floor for:

Thin Lift Overlay approximately 5 miles on SR 570 from west of Thompson Rd. to Natchez Dr. & approximately 4 miles on SR 44 from Locust St. to the Bogue Chitto River, known as State Project Nos. SP-0168-00(013) / 108888301, SP-0179-00(022) / 108887301 & SP-0168-00(013) / 108888302 in Amite & Pike Counties.

The attention of bidders is directed to the predetermined minimum wage rate set by the U. S. Department of Labor under the Fair Labor Standards Act.

The Mississippi Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, disability, religion or national origin in consideration for an award.

The specifications are on file in the offices of the Mississippi Department of Transportation.

Contractors may request permission to bid online at <http://shopmdot.ms.gov> at no cost. Upon approval, Contractors shall be eligible to submit a bid using Bid Express at <http://bidx.com>. Specimen proposals may be viewed and downloaded online at no cost at <http://mdot.ms.gov> or purchased online at <http://shopmdot.ms.gov> at a cost of Ten Dollars (\$10.00) per proposal plus a small convenience fee. Cash or checks will not be accepted as payment.

Bid bond, signed or countersigned by a Mississippi Agent or Qualified Nonresident Agent, with Power of Attorney attached, a Cashier's check or Certified Check for five (5%) percent of bid, payable to STATE OF MISSISSIPPI, must accompany each proposal.

The attention of bidders is directed to the provisions of Subsection 102.07 pertaining to irregular proposals and rejection of bids.

BRAD WHITE
EXECUTIVE DIRECTOR

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO NOTICE TO BIDDERS NO. 1

DATE: 06/08/2021

SUBJECT: Governing Specifications

Change the web address at the end of the first paragraph to the following.

<https://shop.mdot.ms.gov/default.aspx?StoreIndex=1>

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1

CODE: (IS)

DATE: 03/01/2017

SUBJECT: Governing Specifications

The current (2017) Edition of the Standard Specifications for Road and Bridge Construction adopted by the Mississippi Transportation Commission is made a part hereof fully and completely as if it were attached hereto, except where superseded by special provisions, or amended by revisions of the Specifications contained within this proposal. Copies of the specification book may be purchased from the MDOT Construction Division, or online at shopmdot/default.aspx?StoreIndex=1.

A reference in any contract document to controlling requirements in another portion of the contract documents shall be understood to apply equally to any revision or amendment thereof included in the contract.

In the event the plans or proposal contain references to the 2004 Edition of the Standard Specifications for Road and Bridge Construction, it is to be understood that such references shall mean the comparable provisions of the 2017 Edition of the Standard Specifications.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3

CODE: (SP)

DATE: 01/17/2017

SUBJECT: Final Clean-Up

Immediately prior to final inspection for release of maintenance, the Contractor shall pick up, load, transport and properly dispose of all litter from the entire highway right-of-way that is within the termini of the project.

Litter shall include, but not be limited to, solid wastes such a glass, paper products, tires, wood products, metal, synthetic materials and other miscellaneous debris.

Litter removal is considered incidental to other items of work and will not be measured for separate payment.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 9

CODE: (IS)

DATE: 03/01/2017

SUBJECT: Federal Bridge Formula

Bidders are hereby advised that the latest revision of Federal Highway Administration Publication No. FHWA-HOP-06-105, **BRIDGE FORMULA WEIGHTS**, dated August 2006, is made a part of this contract when applicable.

Prior to the preconstruction conference, the Contractor shall advise the Engineer, in writing, what materials, if any, will be delivered to the jobsite via Interstate route(s).

Copies of the **BRIDGE FORMULA WEIGHTS** publication may be obtained by contacting:

Federal Highway Administration
400 7th Street, SW
Washington, DC 20590
(202) 366-2212

or

http://www.ops.fhwa.dot.gov/Freight/publications/brdg_frm_wgths/bridge_formula_all_rev.pdf

An on line **BRIDGE FORMULA WEIGHTS CALCULATOR** is available at

http://ops.fhwa.dot.gov/freight/sw/brdgcalc/calc_page.htm

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 113

CODE: (SP)

DATE: 04/18/2017

SUBJECT: Tack Coat

Bidders are advised that in addition to the products listed on the Department's APL as referenced in Subsection 401.03.1.2 on page 256, the Contractor may use one of the following as a tack coat.

- CSS-1
- CSS-1h
- SS-1
- SS-1h

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 296

CODE: (SP)

DATE: 07/25/2017

SUBJECT: Reduced Speed Limit Signs

Bidders are advised that when the plans or contract documents require the speed limit on a project to be reduced, the Contractor shall begin work within 48 hours of installing the reduced speed limit signs. Should the Contractor not start work or have no plans to start work within 48 hours of installing the signs, the reduced speed limit signs shall be covered and existing speed limit signs uncovered.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 445

CODE: (SP)

DATE: 10/10/2017

SUBJECT: Mississippi Agent or Qualified Nonresident Agent

Bidders are hereby advised of the requirements of Subsections 102.08, 103.05.2, and 107.14.2.1 of the *2017 Standard Specifications for Road and Bridge Construction* as it refers to bonding agents. Proposal guaranties, bonds, and liability insurance policies must be signed by a **Mississippi Agent or Qualified Nonresident Agent.**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 516

CODE: (IS)

DATE: 11/28/2017

SUBJECT: Errata and Modifications to the 2017 Standard Specifications

<u>Page</u>	<u>Subsection</u>	<u>Change</u>
16	102.06	In the seventh full paragraph, change “Engineer” to “Director.”
33	105.05.1	In the sixth sentence, change “Contract Administration Engineer” to “Contract Administration Director.”
34	105.05.2.1	In subparagraph 2, change “SWPPP, ECP” to “SWPPP and the ECP”
35	105.05.2.2	In subparagraphs 2, add “ and” to the end of the sentence. In subparagraph 3, remove “, and” and add “.”.
90	109.04.2	In the last paragraph of subparagraph (a), place a period “.” at the end of the sentence.
93	109.04.2	In the last paragraph of subparagraph (g), place a period “.” at the end of the sentence. Also, in the first paragraph of subparagraph (h), place a period “.” at the end of the sentence.
97	109.07	Under ADJUSTMENT CODE, subparagraph (A1), change “HMA mixture” to “Asphalt mixtures.”
98	109.11	In the third sentence, change “Engineer” to “Director.”
219	308.04	In the last sentence of the last paragraph, change “Contractor’s decision” to “Engineer’s decision.”
300	405.02.5.9	In the first sentence of the second paragraph, change “Hot Mix Asphalt” to “Asphalt Mixtures.”
502	630.01.1	In the first paragraph, change “AASHTO” to “AASHTO’s LRFD”.
636	646.05	Change “each” to “per each” for the pay item units of payment.
640	656.02.6.2	In item 7), change “down stream” to “downstream”.
688	630.03.2	Change the subsection number from “630.03.2” to “680.03.2.”

725 702.08.3 In the second sentence of the first paragraph, change “hot-mix” to “asphalt.”

954 804.02.13.1.6 In the definition for “M” in the % Reduction formulas, change “paragraph 7.3” to “paragraph 5.3.”

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1225

CODE: (SP)

DATE: 11/13/2018

SUBJECT: Early Notice to Proceed

Bidders are advised that if an early notice to proceed is allowed by the Department and the Contractor experiences problems or delays between the early notice to proceed date and the original notice to proceed date, this shall not be justification for any monetary compensation or an extension of contract time.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1226

CODE: (IS)

DATE: 11/16/2018

SUBJECT: Material Storage Under Bridges

Bidders are advised that Subsection 106.08 of the Standard Specifications allows the Contractor to store materials and equipment on portions of the right-of-way. However, the Contractor will not be allowed to store or stockpile materials under bridges without written permission from the Project Engineer. The Contractor shall submit a detailed request of all proposed materials to be stored under bridges to the Engineer a minimum of 14 calendar days prior to anticipated storage. This detail shall include, but not limited to, bridge location, material type, material quantity, and duration of storage. The Project Engineer and any other needed Division will review this information and determine whether to grant approval. The Contractor shall not store any material under any bridge without written approval from the Project Engineer.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 1241

CODE: (IS)

DATE: 11/27/2018

SUBJECT: Fuel and Material Adjustments

Bidder's attention is brought to the last paragraph of Subsection 109.07 of the Standard Specifications which states that no fuel or material adjustment will be made after the completion of contract time. Any fuels consumed or materials incorporated into the work during the monthly estimate period falling wholly after the expiration of contract time will not be subject a fuel or material adjustment.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2206

CODE: (IS)

DATE: 01/14/2020

SUBJECT: MASH Compliant Devices

Bidders are hereby advised that compliance associated with the requirements of meeting either the National Cooperative Highway Research Program (NCHRP) Report 350 or the Manual for Assessing Safety Hardware (MASH) for installations of certain traffic control devices and permanent safety hardware devices (guardrails, guardrail terminals, permanent portable barriers, cast-in-place barriers, all other permanent longitudinal barriers, crash cushions, cable barriers, cable barrier terminals, bridge rails, bridge rail transitions, all other terminals, sign supports, and all other breakaway hardware) as listed throughout the Standard Specifications and/or the Standard Drawings, or both, is now replaced with the requirements of meeting the 2016 version of MASH after December 31, 2019. This change applies to new permanent installations and to full replacements of existing installations.

At the preconstruction conference or prior to starting any work on the project, the Contractor shall submit a letter stating that the traffic control devices and permanent safety hardware devices as outlined within the paragraph above that are to be used on the project are certified to meet MASH 2016.

When a MASH 2016-compliant device does not exist for the new permanent installations and/or full replacement installations of permanent safety hardware devices, as listed above, a MASH 2009-compliant or a NCHRP 350-compliant device may be proposed by the Contractor for the project. A written request for such instances must be submitted by the Contractor either at the preconstruction conference or prior to starting any work on the project. The Contractor shall submit the following items to the Project Engineer: (1) a detailed list of the proposed devices and locations thereof; and (2) certification letters indicating that the proposed devices are compliant with either MASH 2009 or NCHRP 350.

When a MASH 2016-compliant device does not exist for the temporary work zone traffic control devices (Category 1, Category 2, and Category 3 devices), a MASH 2009-compliant or a NCHRP 350-compliant device may be proposed by the Contractor for the project. Temporary work zone traffic control devices (Category 1, Category 2, and Category 3 devices) that are MASH 2009-compliant or NCHRP 350-compliant that have been in use prior to December 31, 2019, and that have a remaining service life may be proposed for use throughout their normal service life on the project by the Contractor. For either of these scenarios for temporary work zone traffic control devices, a written request must be submitted by the Contractor either at the preconstruction conference or prior to starting any work on the project. The Contractor shall submit the following items to the Project Engineer: (1) a detailed list of the proposed devices and locations thereof; and (2) certification letters indicating that the proposed devices are compliant with either MASH 2009 or NCHRP 350.

Work will only be allowed to proceed after the Department has granted written concurrence(s) with the proposed request(s) as listed above.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2273

CODE: (SP)

DATE: 02/12/2020

SUBJECT: Mississippi Special Fuel Tax Law

Bidder's attention is brought to the second paragraph of Subsection 107.02 of the Standard Specifications which states that all Contractors and Subcontractors must comply with all requirements contained in the Mississippi Special Fuel Tax Law, Section 27-55-501, *et seq.* Attached are two Fact Sheets provided by the Mississippi Department of Revenue (MDOR) with additional information.

Gasoline and Dyed Diesel Used for Non-Highway Purposes

Mississippi provides a reduced rate for gasoline and dyed diesel used for non-highway purposes. The reduced rates are 6.44 cents per gallon and 5.75 cents per gallon of gasoline or dyed diesel. These fuels are generally taxed at 18 cents per gallon if for on road use.

Gasoline Used for Non-Highway Purposes

You may be entitled to a refund of 11.56 cents per gallon (making this an equivalent to a tax rate of 6.44 cents per gallon) if you desire to purchase gasoline to be used off road. The gasoline must be used for agricultural, maritime, industrial, manufacturing, domestic or non-highway purposes only.

Examples of non-highway include gasoline used in boats, golf carts, machinery used for manufacturing or farm equipment used exclusively in plowing, planting or harvesting farm products.

Refund Gasoline User

The refund is based on the amount of gallons used. Before a refund is issued, you are required to...

1. Obtain a refund gasoline user's permit and a certificate for refund booklet from the Department of Revenue;
2. Have a storage tank marked "REFUND GASOLINE"; and,
3. Purchase the gasoline from someone who holds a refund gasoline dealer's permit.

No refund will be allowed for gasoline used in motor vehicles owned or operated by a government entity or used in Mississippi government contracts.

Refund Gasoline Dealer

You must obtain a refund gasoline dealer's permit from the Department of Revenue before selling refund gasoline. At no time should the gasoline be delivered to a tank that is not properly marked. The gasoline must be dyed a distinctive mahogany color at the time of delivery.

The Department of Revenue may waive the dye requirement if the dye may cause damage to the equipment. The refund gasoline user is required to obtain the waiver from the Department of Revenue.

Dyed Diesel Used for Non-Highway Purposes

Unlike gasoline, you are not required to apply for a refund if you desire to purchase dyed diesel to be used off road. Mississippi provides a reduced rate of 5.75 cents per gallon on dyed diesel used off road. Diesel used on road is subjected to 18 cents per gallon. Dyed diesel used in motor vehicles owned or operated by a government entity or used in Mississippi government contracts will be subjected to 18 cents per gallon.

Dyed Diesel Used on the Highway

Any person who purchases, receives, acquires or uses dyed diesel for highway use will be liable to pay 18 cents per gallon and subject to a penalty in the amount of \$1000.

Identifying Dyed Diesel

Storage facilities for dyed diesel must be plainly marked "NONHIGHWAY DIESEL FUEL" or "NONHIGHWAY KEROSENE". Retailers are also required to mark all pumps or dispensing equipment.



Special Fuel Used on Government Contracts

State and Local Government Contracts

Special fuel purchased, acquired or used in performing contracts with the State of Mississippi, counties, municipalities or any political subdivision is taxed at a rate of 18 cents per gallon. Special fuel includes but is not limited to the following:

- Dyed diesel fuel;
- Kerosene;
- Undyed diesel fuel; and,
- Fuel oil.

State and local government contracts include construction, reconstruction and maintenance or repairs of projects such as roads, bridges, water systems, sewer systems, buildings, drainage canals and recreational facilities. The Department of Revenue may require contractors to remit the excise tax directly to the state in lieu of paying the tax to a distributor.

Special Fuel Direct Pay Permit

Contractors that remit the excise tax to the state will be issued a Special Fuel Direct Pay Permit. This permit relieves the distributor from collecting the tax and requires the contractor to file a monthly special fuel return. The distributor should include the contractor’s permit number on all invoices that are related to tax-free sales.

The contractor is required to furnish a surety or cash bond guaranteeing the payment of the excise tax prior to receiving the Special Fuel Direct Pay Permit. The Department of Revenue may accept a contractors tax bond if the bond covers the excise tax levied on special fuel.

Special Fuel Distributors

If the contractor does not have a Special Fuel Direct Pay Permit, distributors are required to collect the 18 cents excise tax and remit the tax to the Department of Revenue. The additional 12.25 cents levied on special fuel (excluding undyed diesel) should be reported on schedules 5F and 5G of the special fuel return.

Environmental Protection Fee

Special fuel distributors are required to collect the environmental protection fee even if the contractor has a Special Fuel Direct Pay Permit. The fee is levied at 4/10^{ths} of a cent per gallon. The fee is suspended or reinstated when the trust fund has exceeded or fallen below the obligatory balance.

Penalties

Any person who knowingly and willfully purchases untaxed fuel for use in equipment utilized on a road or highway construction site in this state is guilty of a misdemeanor and, upon conviction, shall be fined not less than \$1,000 or more than \$100,000, or imprisoned in the county jail for not more than one year, or both.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904- NOTICE TO BIDDERS NO. 2365

CODE: (SP)

DATE: 03/23/2020

SUBJECT: Special Project Signs

Bidders are advised that this project will require Special Project Signs. The signs and posts will be State Furnished and Contractor will only be required to install, maintain, and remove the signs. The signs shall be erected prior to beginning any construction and remain in place for the duration of the project. The signs shall be installed near the beginning and end of the project at locations approved by the Engineer. The signs will remain the property of the Department at the end of the project. All costs for special project signs should be included in the bid price for pay item 618-A: Maintenance of Traffic.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904- NOTICE TO BIDDERS NO. 2397

CODE: (SP)

DATE: 03/24/2020

SUBJECT: Smoothness Tolerances for Ultra-Thin Asphalt Pavement

Bidders are hereby advised that the smoothness tolerances for ultra-thin asphalt pavement on this project shall meet the requirements of a Category C project in accordance with Subsection 403.03.2.1. There will be no final surface requirements or corrective action based for the short continuous interval. Bidders are responsible for the collection of a preliminary smoothness profile prior to any work being performed.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SUPPLEMENT TO NOTICE TO BIDDERS NO. 2654

DATE: **05/02/2020**

The goal is 5 percent for the Disadvantaged Business Enterprise. All Bidders are required to submit Form OCR-481 for all DBEs. Bidders are advised to check the bid tabulation link for this project on the MDOT website at:

https://mdot.ms.gov/portal/current_letting

Bid tabulations are usually posted by 3:00 pm on Letting Day.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2654

CODE: (SP)

DATE: 05/02/2020

SUBJECT: Disadvantaged Business Enterprises In Special Funded Projects

The Department has developed a Disadvantaged Business Enterprise Program that is applicable to this contract and is made a part thereof by reference, except approvals and concurrences by the Federal Highway Administration is not applicable to this contract since it is not financed in whole or in part with Federal Funds.

Copies of the program may be obtained from:

Office of Civil Rights
Mississippi Department of Transportation
P. O. Box 1850
Jackson, Mississippi 39215-1850

POLICY

It is the policy of the Mississippi Department of Transportation to provide a level playing field, to foster equal opportunity in all contracts, to improve the flexibility of the DBE Program, to reduce the burdens on small businesses, and to achieve that amount of participation that would be obtained in a non-discriminatory market place. In doing so, it is the policy of MDOT that there will be no discrimination in the award and performance of these contracts on the basis of race, color, sex, or national origin.

ASSURANCES THAT CONTRACTORS MUST TAKE:

MDOT will require that each contract which MDOT signs with a subrecipient or a Contractor, and each subcontract the Prime Contractor signs with a Subcontractor, includes the following assurances:

“The Contractor, subrecipient or Subcontractor shall not discriminate on the basis of race, color, sex or national origin in the performance of this contract. Failure by the Contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as MDOT deems appropriate.”

DEFINITIONS

For purposes of this provision the following definitions will apply:

"Disadvantaged Business" means a small business concern: (a) which is at least 51 percent owned by one or more socially and economically disadvantaged individual(s) or in the case of any publicly owned business, at least 51 percent of the stock of which is owned by one or more socially

and economically disadvantaged individual(s); and (b) whose management and daily business operations are controlled by one or more of the socially and economically disadvantaged individual(s) who own it. It is important to note that the business owners themselves must control the operations of the business. Absentee ownership or title ownership by an individual who does not take an active role in controlling the business is not consistent with eligibility as a DBE under 49 CFR Part 26.71.

CONTRACTOR'S OBLIGATION

The Contractor and all Subcontractors shall take all necessary and reasonable steps to ensure that DBE firms compete for and participate in the performance of a portion of the work in this contract and shall not discriminate on the basis of race, color, sex or national origin. Failure on the part of the Contractor to carry out the DBE requirements of this contract constitutes a breach of contract and after proper notification the Department may terminate the contract or take other appropriate action as determined by the Department.

When a contract has a zero percent (0%) DBE goal, the Contractor still has the responsibility to take all necessary and reasonable steps to ensure that DBE firms can compete for and participate in the performance of the work in the contract. In this case, all work performed by a certified DBE firm is considered to be a “race neutral” measure and the Department will receive DBE credit towards the overall State goals when the DBE firm is paid for their work. If the Prime Contractor is a certified DBE firm, the Department can receive DBE credit only for the work performed by the Prime Contractor’s work force or any work subcontracted to another DBE firm. Work performance by a non-DBE Subcontractor is not eligible for DBE credit.

CONTRACT GOAL

The goal for participation by DBEs is established for this contract in the attached Supplement. The Contractor shall exercise all necessary and reasonable steps to ensure that participation is equal to or exceeds the contract goal.

If the percentage of the contract that is proposed for DBEs is 1% or greater, shall be so stated on the last bid sheet of the proposal.

All Bidders shall submit to the Office of Civil Rights Form OCR-481, signed by the Prime Contractor and the DBE Subcontractors, no later than the 3rd business day after opening of the bids.

Form OCR-481 is available on the MDOT website at www.mdot.ms.gov under the Civil Rights tab, or by calling 601-359-7466.

The OCR-481 Form must contain the following information:

The name and address of each certified DBE Contractor/Supplier;

The Reference Number, percent of work to be completed by the DBE subcontractor and the dollar amount of each item. If a portion of an item is subcontracted, a breakdown of that item

including quantities and unit price must be attached, detailing what part of the item the DBE firm is to perform and who will perform the remainder of the item.

If the DBE Commitment shown on the last bid sheet of the proposal, does not equal or exceed the contract goal, the bidder must submit, to MDOT Contract Administration Division prior to bid opening, information to satisfy the Department that adequate good faith efforts have been made to meet the contract goal.

Failure of the lowest bidder to furnish acceptable proof of good faith efforts, submitted to MDOT Contract Administration Division prior to bid opening, shall be just cause for rejection of the proposal. Award may then be made to the next lowest responsive bidder or the **project** may be re-advertised.

GOOD FAITH EFFORTS

The following factors are illustrative of matters the Department will consider in judging whether or not the bidder has made adequate good faith effort to satisfy the contract goal.

- (1) Whether the bidder attended the pre-bid meeting that was scheduled by the Department to inform DBEs of subcontracting opportunities;
- (2) whether the bidder advertised in general circulation, trade association, and minority-focus media concerning the subcontracting opportunities;
- (3) whether the bidder provided written notice to a reasonable number of specific DBEs that their interest in the contract is being solicited;
- (4) whether the bidder followed up initial solicitations of interest by contacting DBEs to determine with certainty whether they were interested;
- (5) whether the bidder selected portions of the work to be performed by DBEs in order to increase the likelihood of meeting the contract goal;
- (6) whether the bidder provided interested DBEs with adequate information about the plans, specifications and requirements of the contract;
- (7) whether the bidder negotiated in good faith with interested DBEs and did not reject them as unqualified without sound reasons based on a thorough investigation of their capabilities; and
- (8) whether the bidder made efforts to assist interested DBEs in obtaining any required bonding or insurance.
- (9) whether the bidder has written notification to certified DBE Contractors soliciting subcontracting for items of work in the contract.
- (10) whether the bidder has a statement of why an agreement was not reached.

- (11) Proof of written notification to certified DBE Contractors by certified mail that their interest is solicited in subcontracting the work defaulted by the previous DBE or in subcontracting other items of work in the contract.

The bidder's execution of the signature portion of the proposal shall constitute execution of the following assurance:

The bidder hereby gives assurance that a good faith effort has been made to meet the contract goal for DBE participation for which this proposal is submitted.

DIRECTORY

A list of “Certified DBE Contractors” which have been certified as such by the Mississippi Department of Transportation and other Unified Certification Partners (UPC) can be found on the Mississippi Department of Transportation website at www.mdot.ms.gov. The DBE firm must be certified at the time the project is let and approved by MDOT to count towards meeting the DBE goal.

REPLACEMENT

If a DBE Subcontractor cannot perform satisfactorily, and this causes the OCR-481 commitment to fall below the contract goal, the Contractor shall take all necessary reasonable steps to replace the DBE with another certified DBE Subcontractor or submit information to satisfy the Mississippi Department of Transportation that adequate good faith efforts have been made to replace the DBE. The good faith efforts outlined previously in this document still apply. The replacement DBE must be a DBE who was on the Department's list of "Certified DBE Contractors" when the job was let, and who is still active All DBE replacements must be approved by the Department.

Under no circumstances shall the Prime or any Subcontractor perform the DBE's work (as shown on the OCR-481) without prior written approval from the Department. See "Sanctions" at the end of this document for penalties for performing DBE's work.

When a Contractor proposes to substitute/replace/terminate a DBE that was originally named on the OCR-481, the Contractor must obtain a release, in writing, from the named DBE explaining why the DBE Subcontractor cannot perform the work. A copy of the original DBE's release must be attached to the Contractor's written request to substitute/replace/terminate along with appropriate subcontract forms for the substitute/replacement/terminated Subcontractor, all of which must be submitted to the DBE Coordinator and approved, in advance, by MDOT.

PREBID MEETING

A pre-bid meeting will be held in the Commission Room on the 1st floor of the MDOT Administration Building in Jackson at 2:00 P.M. on the day preceding the date of the bid opening.

This meeting is to inform DBE firms of subcontracting and material supply opportunities. Attendance at this meeting is considered of prime importance in demonstrating good faith effort to meet the contract goal.

PARTICIPATION / DBE CREDIT

Participation shall be counted toward meeting the goal in this contract as follows:

- (1) If the Prime Contractor is a certified DBE firm, only the value of the work actually performed by the DBE Prime can be counted towards the project goal, along with any work subcontracted to a certified DBE firm.
- (2) If the Prime Contractor is not a DBE, the work subcontracted to a certified DBE Contractor will be counted toward the goal.
- (3) The Contractor may count toward the goal a portion of the total dollar value of a contract with a joint venture eligible under the standards of this provision equal to the percentage of the DBE partner in the joint venture. The joint venture must submit a Joint Venture Eligibility Form provided by the Mississippi Department of Transportation.
- (4) Expenditures to DBEs that perform a commercially useful function may be counted toward the goal. A business is considered to perform a commercially useful function when it is responsible for the execution of a distinct element of the work and carries out its responsibilities by actually performing, managing, and supervising the work involved.
- (5) The Contractor may count 100% of the expenditures for materials and supplies obtained from certified DBE suppliers and manufacturers that produce goods from raw materials or substantially alters them for resale provided the suppliers and manufacturers assume the actual and contractual responsibility for the provision of the materials and supplies. The Contractor may count 60 percent of the expenditures to suppliers that are not manufacturers, provided the supplier performs a commercially useful function in the supply process. Within 30 days after receipt of the materials, the Prime Contractor shall furnish to the DBE Coordinator invoices from the certified supplier to verify the DBE goal.
- (6) Any work that a certified DBE firm subcontracts or sub-subcontracts to a non-DBE firm will not count towards the DBE goal
- (7) Only the dollars actually paid to the DBE firm may be counted towards the DBE goal.

AWARD

Award of this contract to the low bidder will be contingent upon the following condition:

- (1) **All Bidders** must submit to the Office of Civil Rights for approval, Form OCR-481 (DBE Commitment) no later than the 3rd business day after opening of the bids, or submit information with the bid proposal to satisfy the Department and that adequate good faith

efforts have been made to meet the contract goal. For answers to questions regarding Form OCR-481, contact the MDOT Office of Civil Rights at (601) 359-7466.

- (2) Bidder must include OCR-485 information with their bid proposal listing all firms that submitted quotes for material supplies or items to be subcontracted. OCR-485 information must be signed and included with the bid proposal. If the OCR-485 information is not included as part of bid proposal, your bid will be deemed irregular.

Prior to the start of any work, the bidder must notify the Project Engineer, in writing, of the name of the designated "DBE Liaison Officer" for this project. This notification must be posted on the bulletin board at the project site.

DEFAULT

If the contract goal established by MDOT in this proposal is 1% or greater, it must be met to fulfill the terms of the contract. The Contractor may list DBE Subcontractors and items that exceed MDOT's contract goal, but should unforeseen problems arise that would prevent a DBE from completing its total commitment percentage, the Contractor will meet the terms of the contract as long as it meets or exceeds MDOT's Contract Goal. For additional information, refer to "Replacement" section of this Notice.

DBE REPORTS

- (1) OCR-481: Refer to "CONTRACT GOAL" section of this Notice to Bidders for information regarding this form.
- (2) OCR-482: At the conclusion of the project the Contractor will submit to the Project Engineer for verification of quantities and further handling Form OCR-482 whereby the Contractor certifies to the amounts of payments made to each Contractor/Supplier. The Project Engineer shall submit the completed Form OCR-482 to the DBE Coordinator (Office of Civil Rights). Final acceptance of the project is dependent upon Contract Administration Division's receipt of completed Form OCR-482 which they will receive from the Office of Civil Rights.
- (3) OCR-483: The Project Engineer/Inspector will complete Form OCR-483, the Commercially Useful Function (CUF) Performance Report, in accordance with MDOT S.O.P. No. OCR-03-05-02-483. Evaluations reported on this form are used to determine whether or not the DBE firm is performing a CUF. The Prime Contractor should take corrective action when the report contains any negative evaluations. DBE credit may be disallowed and/or other sanctions imposed if it is determined the DBE firm is not performing a CUF. This form should also be completed and returned to the DBE Coordinator (Office of Civil Rights).
- (4) OCR-484: Each month, the Prime Contractor will submit to the Project Engineer OCR-484 that certifies payments to all Subcontractors and shows all firms even if

the Prime Contractor has paid no monies to the firm during that estimate period (negative report). The Project Engineer will attach the form to the monthly estimate before forwarding to the Contract Administration Division for further processing. Failure of the Contractor to submit the OCR-484 will result in the estimate not being processed and paid.

- (5) OCR-485: Bidder must submit **signed form with bid proposal** of all firms that submitted quotes for material supplies or items to be subcontracted. If the OCR-485 information is not included as part of bid proposal, your bid will be deemed irregular.
- (6) OCR-487: Only used by Prime Contractors that are certified DBE firms. This form is used in determining the exact percentage of DBE credit for the specified project. **The low Bidder** should **return this form** to MDOT with the OCR-481 form, or can also be returned with the Permission to Subcontract Forms (CAD-720, CAD-725 and CAD-521).

DBE Forms, can be obtained from the Office of Civil Rights Division, MDOT Administration Building, 401 North West Street, Jackson, MS, or at www.mdot.ms.gov under the Civil Rights tab.

SANCTIONS

The Department has the option to enforce any of the following penalties for failure of the Prime Contractor to fulfill the DBE goal as stated on the OCR-481 form or any violations of the DBE program guidelines:

- (1) Disallow credit towards the DBE goal
- (2) Withhold progress estimate payments
- (3) Deduct from the final estimate or recover an amount equal to the unmet portion of the DBE goal which may include additional monetary penalties as outlined below based on the number of offenses and the severity of the violation as determined by MDOT.

Offense #1	10% of unmet portion of goal	or	\$5,000 lump sum payment	or	Both
Offense #2	20% of unmet portion of goal	or	\$10,000 lump sum payment	or	Both
Offense #3	40% of unmet portion of goal	or	\$20,000 lump sum payment	or	\$20,000 lump sum payment and debarment

- (4) Debar the Contractor involved from bidding on Mississippi Department of Transportation projects **for a period of up to 12 months after notification by certified email.**

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 2954

CODE: (SP)

DATE: 12/01/2020

SUBJECT: Reflective Sheeting for Signs

Bidders are hereby advised that the retroreflective sign sheeting used for signs on this project shall be as listed below and shall meet the requirements of Subsection 721.06.

Temporary Construction Signs

Temporary traffic control (orange) sign sheeting shall be a minimum Type IX Fluorescent Orange sheeting as shown in Special Provision 907-721.

Permanent Signs

Permanent signs, except signs on traffic signal poles/mast arms, shall be as follows:

- Brown background sheeting on guide signs shall be a minimum Type VIII sheeting,
- Green and blue background sheeting on guide signs shall be a minimum Type IX sheeting, and
- All white, yellow, red, fluorescent yellow, and fluorescent yellow/green sheeting shall be Type XI sheeting.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 – NOTICE TO BIDDERS NO. 3117

CODE: (SP)

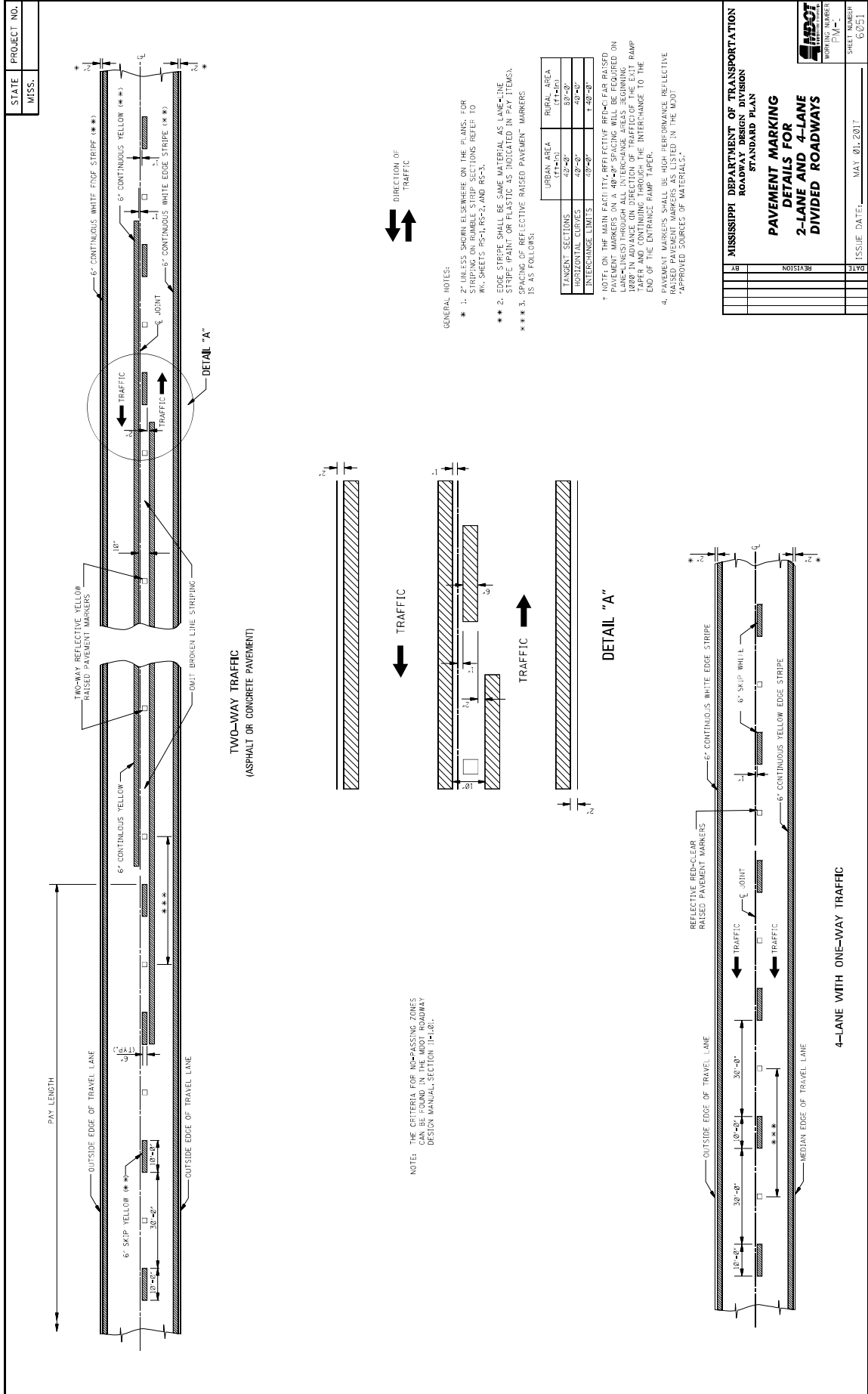
DATE: 02/23/2021

SUBJECT: Standard Drawings

Standard Drawings attached hereto shall govern appropriate items of required work.

Larger copies of Standard Drawings may be purchased from:

MDOT Plans Print Shop
MDOT Shop Complex, Building C, Room 114
2567 North West Street
P.O. Box 1850
Jackson, MS 39215-1850
Telephone: (601) 359-7460
or FAX: (601) 359-7461
or e-mail: plans@mdot.state.ms.us



GENERAL NOTES:

- * 1. Z UNLESS SHOWN ELSEWHERE ON THE PLANS FOR INTERCHANGES AND RAMP TAPER AND REFER TO THE SHEETS RSP-1, RSP-2, AND RSP-3.
- ** 2. EDGE STRIPE SHALL BE SAME MATERIAL AS LANE-LINE STRIPE AND PLASTICS AS INDICATED IN PART 106A.
- *** 3. COLOR OF REFLECTIVE RAISED PAVEMENT MARKERS IS AS FOLLOWS:

TANGENT SECTIONS	URBAN AREA	RURAL AREA
40'-0"	40'-0"	30'-0"
40'-0"	40'-0"	30'-0"
40'-0"	40'-0"	30'-0"
40'-0"	40'-0"	30'-0"

NOTE: ON THE MAIN FACILITY REFLECTIVE RED-CLEAR PAVEMENT MARKERS ON A 40'-0" SPACING WILL BE REQUIRED ON LANE-LINES THROUGH ALL INTERCHANGE AREAS BEGINNING WITH THE FIRST INTERCHANGE. THESE MARKERS WILL BE REQUIRED THROUGH THE INTERCHANGE AREAS THROUGH THE RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.

4. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE REFLECTIVE RAISED PAVEMENT MARKERS AS LISTED IN THE MOST APPROVED SOURCE OF MATERIALS.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION STANDARD PLAN	
PAVEMENT MARKING 2-LANE AND 4-LANE DIVIDED ROADWAYS	
DATE	ISSUE DATE: MAY 01, 2017
BY	SHEET NUMBER 6021
REVISION	WORKING NUMBER P.M.-

STATE MISS.	PROJECT NO.
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TYPICAL STRIPING AND RAISED PAVEMENT MARKERS FOR 3-LANE SECTION

TYPICAL STRIPING AND RAISED PAVEMENT MARKERS FOR 4-LANE SECTION

NOTES:

1. CONSIDER EACH SEGMENT OF CONTINUOUS TWO-WAY LEFT TURN LANE SEPARATELY.
2. IF SEGMENT IS LONG ENOUGH TO ACCOMMODATE TWO-WAY LEFT TURN LANE STRIPING, STRIPING SHALL BE INSTALLED FROM BEGINNING AND/OR END OF SEGMENT AND SPACE ADDITIONAL SETS OF ARROWS (2x30" O.C.).

**DETAIL A
LATERAL PLACEMENT OF PAVEMENT MARKERS**

TYPICAL STRIPING AND RAISED PAVEMENT MARKERS AT LEFT TURN LANES

** NOTE: USE DETAIL STRIPING IF LENGTH < 150' AT THIS LOCATION, OTHERWISE USE CONTINUOUS STRIPING.*

TYPICAL STRIPING AND RAISED PAVEMENT MARKERS FOR 4-LANE SECTION

** NOTE: USE DETAIL STRIPING IF LENGTH < 150' AT THIS LOCATION, OTHERWISE USE CONTINUOUS STRIPING.*

**DETAIL B
LATERAL PLACEMENT OF PAVEMENT MARKERS**

GENERAL NOTE:

1. PAVEMENT MARKERS SHALL BE HIGH PERFORMANCE RAISED PAVEMENT MARKERS AS LISTED IN THE MOST APPROVED SOURCE OF MATERIALS.

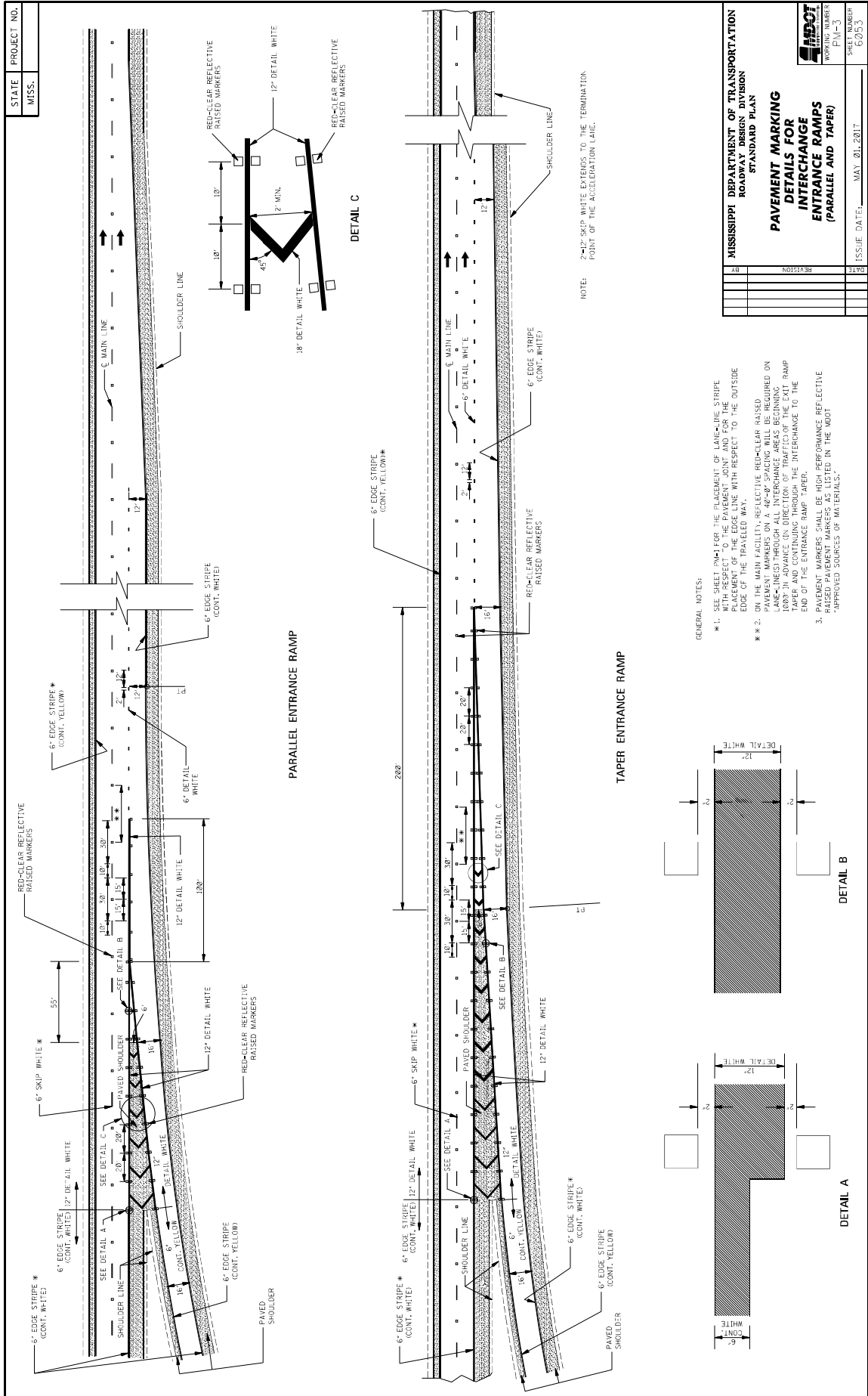
**MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN**

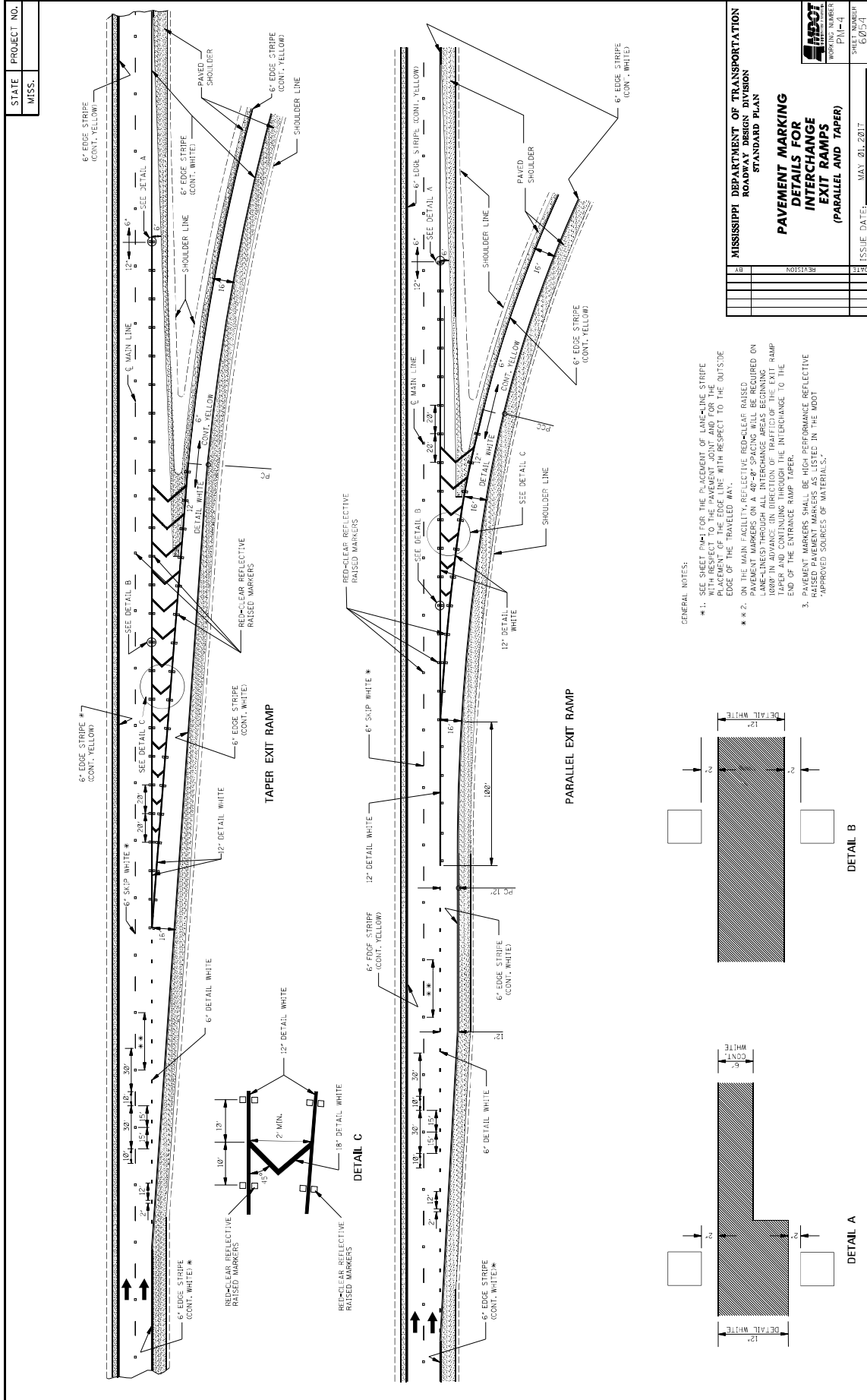
**PAVEMENT MARKING
DETAILS FOR 3-LANE
4-LANE AND 3-LANE
UNDIVIDED ROADWAYS**

AB	SECTION	NO.	DATE	ISSUE	DATE	BY	CHECKED	DATE	BY

SHEET NUMBER: 11-2
SHEET TOTAL: 60/52

ISSUE DATE: MAY 20, 2017

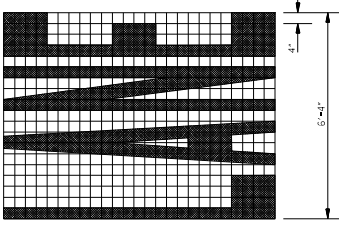




MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
ROADWAY DESIGN DIVISION	
STANDARD PLAN	
PAVEMENT MARKING	
DETAILS FOR	
INTERCHANGE	
EXIT RAMPS	
(PARALLEL AND TAPER)	
SHEET NUMBER	ISSUE DATE: MAY 01, 2017
PL-4	
67254	

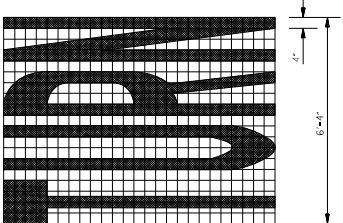
- GENERAL NOTES:
- * 1. SEE SHEET PAV-1 FOR THE PLACEMENT OF LANE-LINE STRIPE WITH RESPECT TO THE PAVEMENT JOINT AND FOR THE PLACE OF THE EDGE STRIPE WITH RESPECT TO THE OUTSIDE EDGE OF THE PAVED SHOULDER.
 - ** 2. THE RAISED REFLECTIVE BEAD-BLE BARRIS PAVEMENT MARKERS ON A 40-50" SPACING WILL BE REQUIRED ON LANE-LINES THROUGH ALL INTERCHANGE AREAS BEGINNING 1000' IN ADVANCE IN DIRECTION OF TRAFFIC OF THE EXIT RAMP TAPER AND CONTINUING THROUGH THE INTERCHANGE TO THE END OF THE ENTRANCE RAMP TAPER.
 3. RAISED PAVEMENT MARKERS BE HIGH PERFORMANCE REFLECTIVE "APPROVED SOURCES OF MATERIALS."

STATE MISS.	PROJECT NO.										
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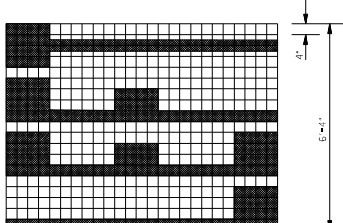
6'-4"

8'-4"



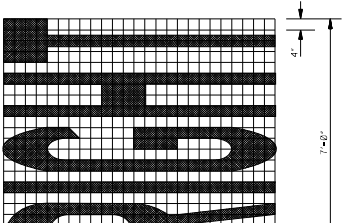
6'-4"

8'-4"



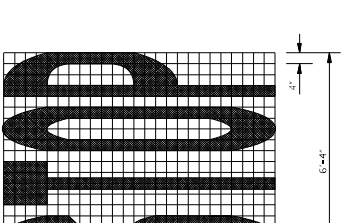
6'-4"

8'-4"



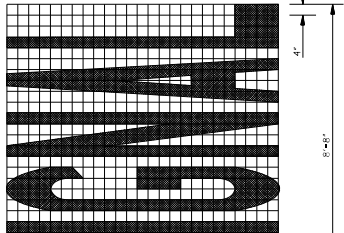
7'-0"

8'-4"



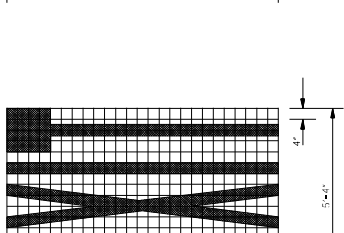
6'-4"

8'-4"



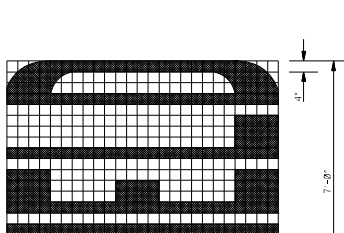
6'-4"

8'-4"



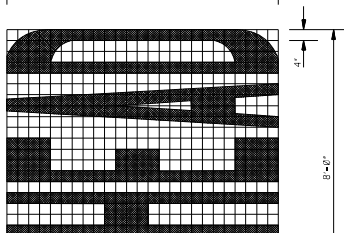
5'-4"

8'-4"



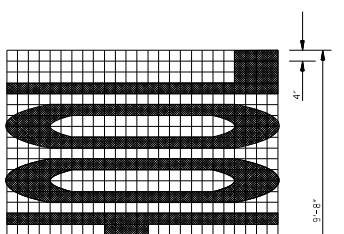
7'-0"

8'-4"



8'-0"

8'-4"



9'-8"

8'-4"

GENERAL NOTES:

- TWO HORIZONTAL GAPS (CAUSED BY TEMPLATE CONNECTIONS) OF 1/4" SHALL BE SHOWN EXTENDING FULL WIDTH OF LETTERS.
- FOR OTHER DETAILS, SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- PAY QUANTITIES FOR PAVEMENT MARKING LEGENDS ARE AS FOLLOWS:

LEGEND	AREA (SQ. FT.)
STOP	246.6
RIGHT	206.6
LEFT	195.5
TRAFFIC	227.2
YIELD	206.6
EXIT	185.5
SIGNAL	352.5
SCHOOL	352.5

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

**PAVEMENT MARKING
LEGEND DETAILS**

	SHEET NUMBER PM-5 60535
	ISSUE DATE: MAY 01, 2017

STATE MISS.	PROJECT NO.		
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ONLY: 8'-4" x 5'-10" (arrow height 4")

TURN: 8'-4" x 6'-4" (arrow height 4")

THRU: 10'-0" x 5'-4" (arrow height 4")

COMBINATION: 13'-4" x 7'-8" (arrow height 4")

LANE-REDUCTION: 17'-8" x 6'-6" (arrow height 4")

GENERAL NOTES:

- TWO HORIZONTAL GAPS (CAUSED BY TEMPLATE CONNECTIONS OF 1/4" OR LESS AND EXTENDING THE FULL WIDTH) ARE PERMITTED IN EACH LETTER.
- FOR OTHER DETAILS, SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- DIMENSIONS OF THE YIELD LINE MAY VARY WITH APPROVAL OF THE ENGINEER. SEE MUTCD, LATEST EDITION, FOR ALLOWABLE DIMENSIONS.
- PAY QUANTITIES FOR PAVEMENT MARKING LEGENDS ARE AS FOLLOWS:

PAY QUANTITIES	
LEGEND/SYMBOL	AREA (FT ²)
ONLY	22.0
TURN ARROW	16.4
THRU ARROW	12.3
COMB. ARROW	27.5
LANE REDUCTION ARROW	46.0

YIELD LINE: 15'-8" x 4" (arrow height 4")

1-WAY ARROW: 25'-10" x 7'-2" (arrow height 4")

GENERAL NOTES:

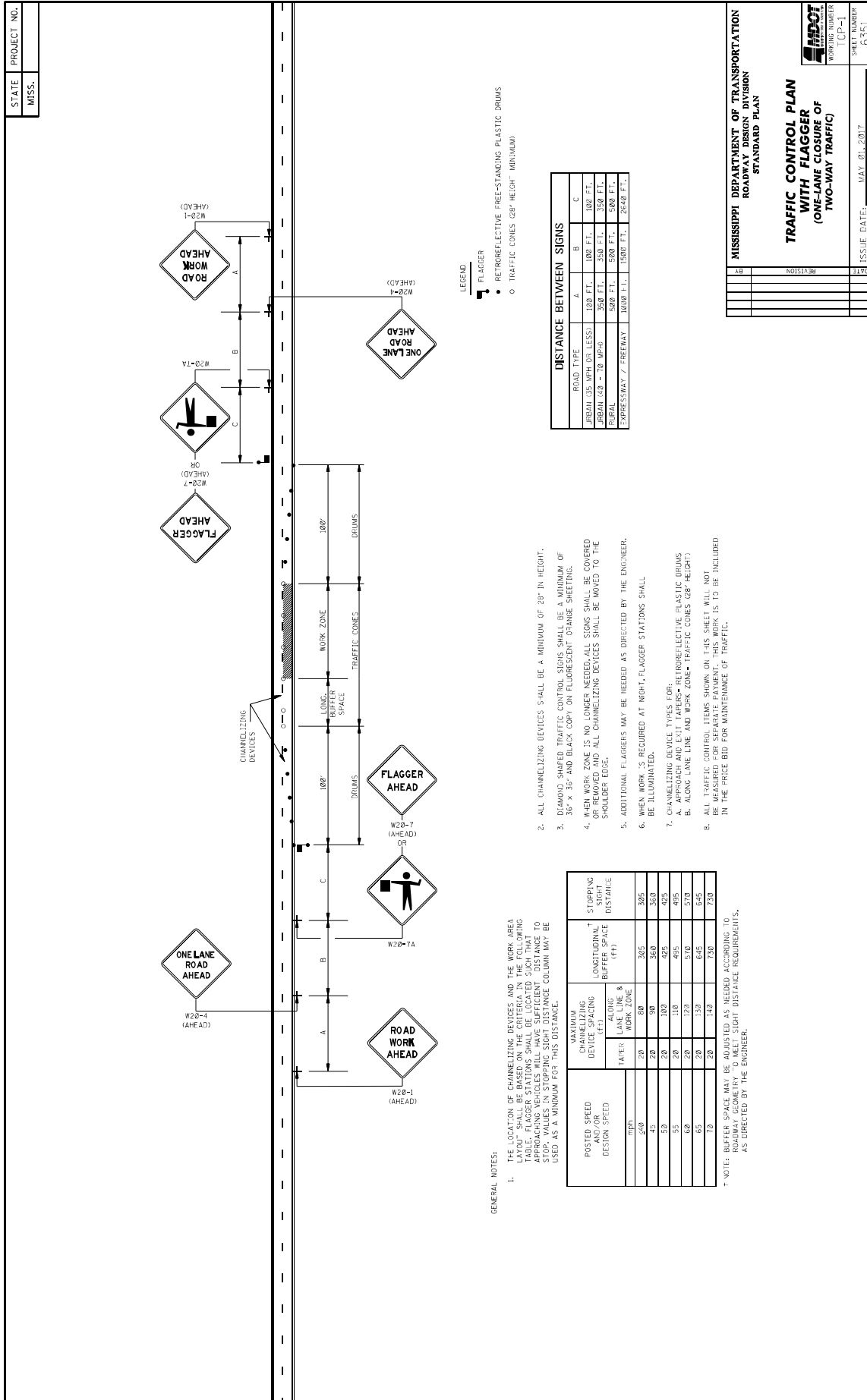
- TWO HORIZONTAL GAPS (CAUSED BY TEMPLATE CONNECTIONS OF 1/4" OR LESS AND EXTENDING THE FULL WIDTH) ARE PERMITTED IN EACH LETTER.
- FOR OTHER DETAILS, SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- DIMENSIONS OF THE YIELD LINE MAY VARY WITH APPROVAL OF THE ENGINEER. SEE MUTCD, LATEST EDITION, FOR ALLOWABLE DIMENSIONS.
- PAY QUANTITIES FOR PAVEMENT MARKING LEGENDS ARE AS FOLLOWS:

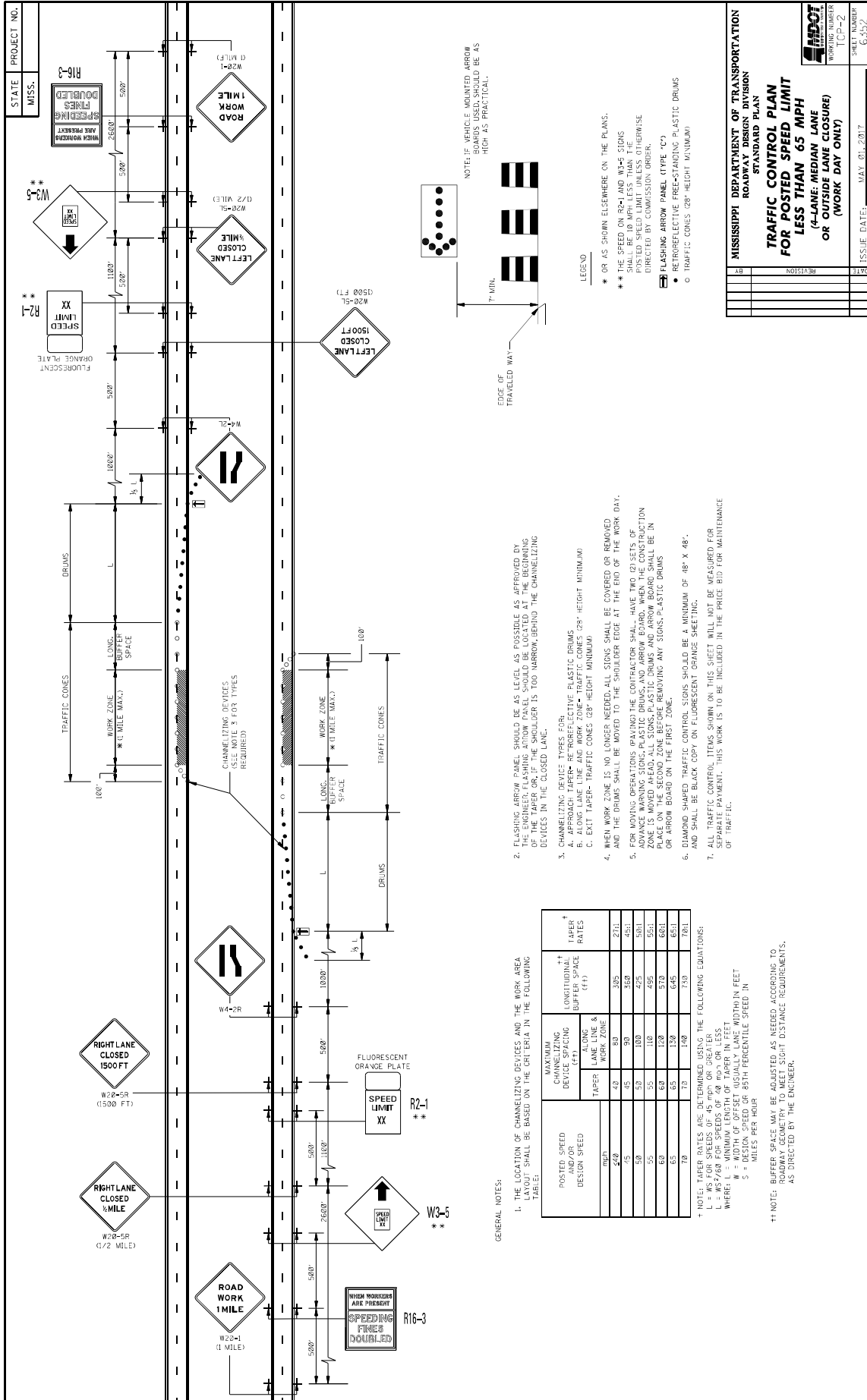
YIELD LINE: 15'-8" x 4" (arrow height 4")

1-WAY ARROW: 25'-10" x 7'-2" (arrow height 4")

GENERAL NOTES:

- TWO HORIZONTAL GAPS (CAUSED BY TEMPLATE CONNECTIONS OF 1/4" OR LESS AND EXTENDING THE FULL WIDTH) ARE PERMITTED IN EACH LETTER.
- FOR OTHER DETAILS, SEE THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- DIMENSIONS OF THE YIELD LINE MAY VARY WITH APPROVAL OF THE ENGINEER. SEE MUTCD, LATEST EDITION, FOR ALLOWABLE DIMENSIONS.
- PAY QUANTITIES FOR PAVEMENT MARKING LEGENDS ARE AS FOLLOWS:





STATE PROJECT NO.
MISS.
R16-3

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5R (1500 FT)
RIGHT LANE CLOSED 1500 FT

W20-5P (1/2 MILE)
RIGHT LANE CLOSED 1/2 MILE

W20-1 (1 MILE)
ROAD WORK 1 MILE

W20-5L (1/2 MILE)
LEFT LANE CLOSED 1/2 MILE

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

W20-5L (1500 FT)
LEFT LANE CLOSED 1500 FT

GENERAL NOTES:

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

POSTED SPEED AND/OR DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (FT)		LONGITUDINAL BUFFER SPACE (FT)	TAPER RATES
	LANE LINE & WORK ZONE	WORK ZONE		
25	42	80	305	2:1
35	45	90	350	4:1
50	50	100	425	5:1
55	55	110	495	5:1
60	60	120	570	6:1
65	65	130	645	6:1
70	70	140	730	7:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
 L = WS FOR SPEEDS OF 45 MPH OR GREATER
 L = WS FOR SPEEDS OF 30 MPH OR GREATER
 WHERE: L = MINIMUM LENGTH OF TAPER IN FEET
 W = WIDTH OF OFFSET (USUALLY LANE WIDTH) IN FEET
 S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN MILES PER HOUR

†† NOTE: BUFFER SPACE MAY BE ADJUSTED AS NEEDED ACCORDING TO ROADWAY GEOMETRY TO MEET SIGHT DISTANCE REQUIREMENTS, AS DIRECTED BY THE ENGINEER.

2. FLASHING ARROW PANEL SHOULD BE AS LEVEL AS POSSIBLE AS APPROVED BY THE ENGINEER. THE PANEL SHOULD BE LOCATED AT THE END OF THE WORK DAY. OF THE TAPER OR, IF THE SHOULDER IS TOO NARROW, BEHIND THE CHANNELIZING DEVICES IN THE CLOSED LANE.

3. CHANNELIZING DEVICES: TYPE: F30.
 A. APPROACH TAPER- RETROREFLECTIVE PLASTIC DRUMS
 B. ALONG LANE LINE AND WORK ZONE- TRAFFIC CONES (28" HEIGHT MINIMUM)
 C. EXIT TAPER- TRAFFIC CONES (28" HEIGHT MINIMUM)

4. WHEN WORK ZONE IS NO LONGER NEEDED, ALL SIGNS SHALL BE COVERED OR REMOVED.

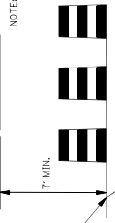
5. FOR MOVING OPERATIONS (PAVING) THE CONTRACTOR SHALL HAVE TWO (2) SETS OF ADVANCE WARNING SIGNS- PLASTIC DRUMS AND ARROW BOARD. WHEN THE CONSTRUCTION ZONE IS MOVED AHEAD, ALL SIGNS- PLASTIC DRUMS AND ARROW BOARD SHALL BE IN PLACE ON THE SECOND ZONE BEFORE REMOVING ANY SIGNS- PLASTIC DRUMS OR ARROW BOARD ON THE FIRST ZONE.

6. DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHOULD BE A MINIMUM OF 48" X 48" AND SHALL BE BLACK COPY ON FLUORESCENT ORANGE SHEETING.

7. ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

LEGEND

- * OR AS SHOWN ELSEWHERE ON THE PLANS.
- ** THE SPEED ON R2-1 AND W3-5 SIGNS SHALL BE 10 MPH LESS THAN THE POSTED SPEED LIMIT UNLESS OTHERWISE DIRECTED BY COMMISSION ORDER.
- ▭ FLASHING ARROW PANEL (TYPE "C")
- RETROREFLECTIVE FREE-STANDING PLASTIC DRUMS
- TRAFFIC CONES (28" HEIGHT MINIMUM)



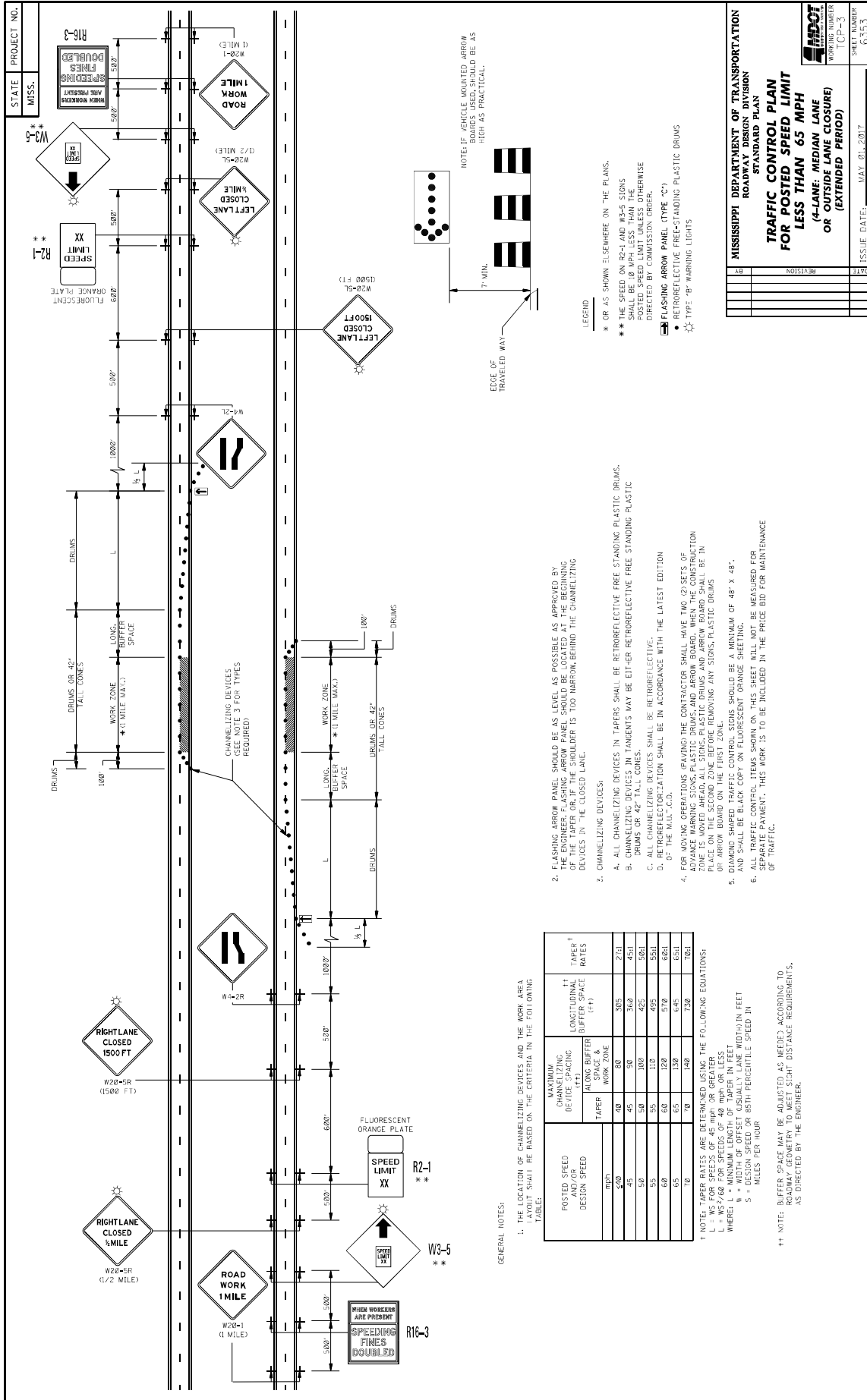
NOTE: IF VEHICLE MOUNTED ARROW BOARD IS USED, IT SHOULD BE AS HIGH AS PRACTICAL.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 ROADWAY DESIGN DIVISION
 STANDARD PLAN

**TRAFFIC CONTROL PLAN
 FOR POSTED SPEED LIMIT
 LESS THAN 65 MPH
 (4-LANE, MEDIAN LANE
 OR OUTSIDE LANE CLOSURE)
 OR (WORK DAY ONLY)**

ISSUE DATE: MAY 01, 2017

WORKING NUMBER: CP-2
 SHEET NUMBER: 6252



1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

POSTED SPEED DESIGN SPEED	MAXIMUM CHANNELIZING DEVICE SPACING (FT)		LONGITUDINAL BUFFER SPACE (FT)	TAPER RATES
	ALONG BUFFER	WORK ZONE		
10	40	80	305	2:1
20	45	90	360	4:1
30	50	100	425	5:1
35	55	110	495	5:1
40	60	120	570	6:1
45	65	130	645	6:1
50	70	140	730	7:1

† NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
 L = AS FOR SPEEDS OF 45 MPH OR GREATER
 L = WS/60 FOR SPEEDS OF 40 MPH OR LESS
 WHERE: L = LENGTH OF TAPER IN FEET
 W = WIDTH OF OFFSET (USUALLY LANE WIDTH) IN FEET
 S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN MILES PER HOUR

†† NOTE: BUFFER SPACE MAY BE ADJUSTED AS NEEDED, ACCORDING TO ROADWAY GEOMETRY TO MEET SIGHT DISTANCE REQUIREMENTS, AS DIRECTED BY THE ENGINEER.

GENERAL NOTES:

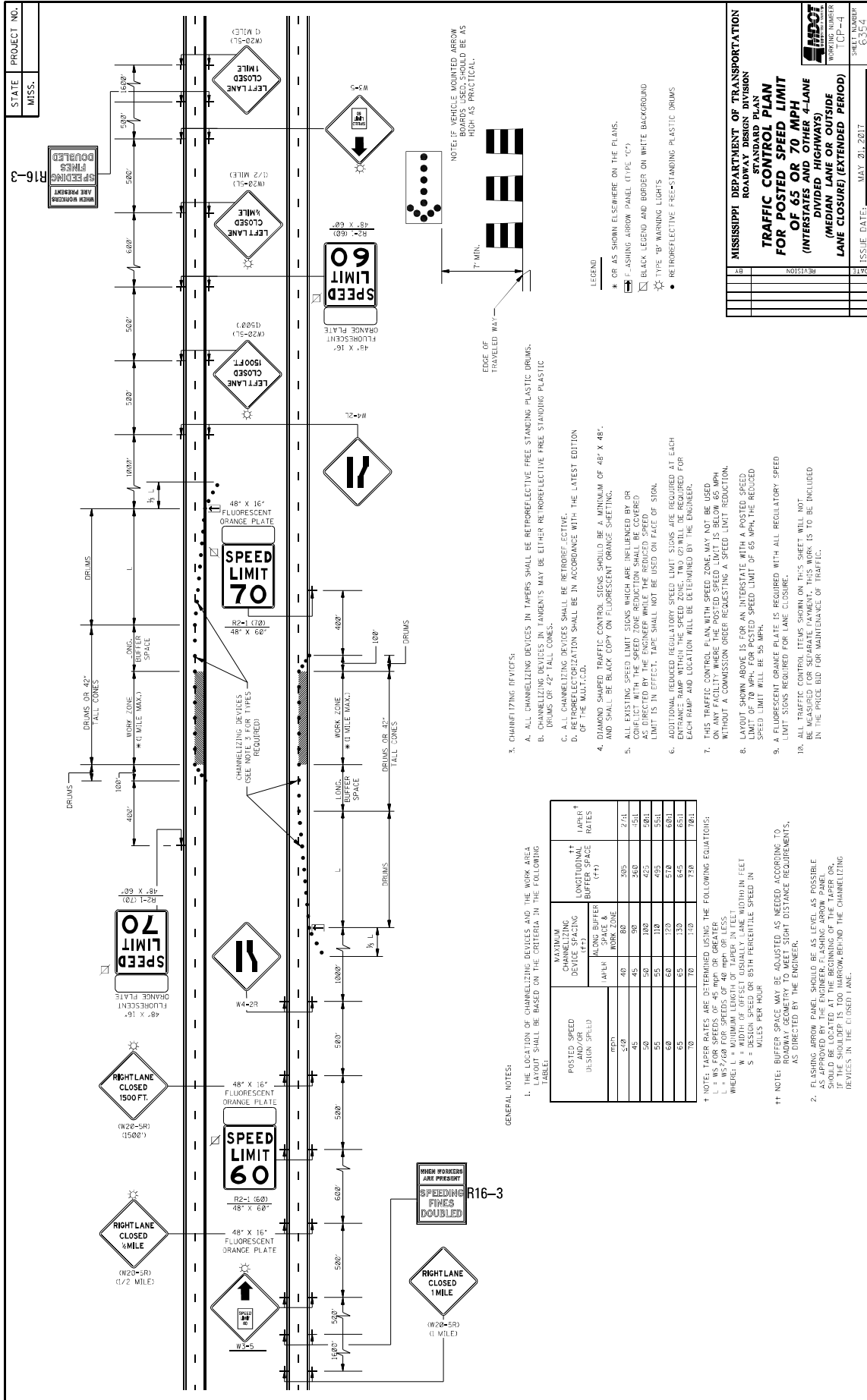
- LAYOUT SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:
- FLASHING ARROW PANEL SHOULD BE AS LEVEL AS POSSIBLE AS APPROVED BY THE ENGINEER. FLASHING ARROW PANEL SHOULD BE LOCATED AT THE BEGINNING OF THE WORK ZONE. BUFFER SHOULD BE 100' AHEAD OF THE CHANNELIZING DEVICES IN THE CLOSED LANE.
- CHANNELIZING DEVICES:
 - ALL CHANNELIZING DEVICES IN TAPERS SHALL BE RETROREFLECTIVE FREE STANDING PLASTIC DRUMS.
 - DRUMS OR 42" TALL CONES.
 - ALL CHANNELIZING DEVICES SHALL BE RETROREFLECTIVE.
 - RETROREFLECTORIZATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE M.I.T.C.O.
- FOR WORKING DRUMS, TAPERS THE CONTRACTOR SHALL HAVE TWO (2) FEET OF CHANNELIZING DEVICES (STANDING PLASTIC DRUMS AND ARROW BOARD) IN THE CONSTRUCTION ZONE IS MOVED AHEAD ALL STANDING PLASTIC DRUMS AND ARROW BOARD SHALL BE IN PLACE ON THE SECOND ZONE BEFORE REMOVING ANY STANDING PLASTIC DRUMS OR ARROW BOARD ON THE FIRST ZONE.
- ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

- LEGEND
- * OR AS SHOWN ELSEWHERE ON THE PLANS.
 - ** THE SPEED ON R2-1 AND R2-2 SIGNS SHALL BE 10 MPH LESS THAN THE POSTED SPEED LIMIT UNLESS OTHERWISE DIRECTED BY COMMISSION ORDER.
 - ◻ FLASHING ARROW PANEL (TYPE 'C')
 - RETROREFLECTIVE FREE-STANDING PLASTIC DRUMS
 - ◻ TYPE 'B' WARNING LIGHTS

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
 ROADWAY DESIGN DIVISION
 STANDARD PLAN
**TRAFFIC CONTROL PLAN
 FOR POSTED SPEED LIMIT
 LESS THAN 65 MPH
 (4-LANE, MEDIAN LANE
 OR OUTSIDE LANE CLOSURE
 (EXTENDED PERIOD))**

WORKING NUMBER: T-CP-3
 SHEET NUMBER: 6253

ISSUE DATE: MAY 01, 2017



STATE PROJECT NO. MISS. R16-3

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
TRAFFIC CONTROL PLAN
FOR POSTED SPEED LIMIT
OF 65 OR 70 MPH
(INTERSTATES AND OTHER 4-LANE
DIVIDED HIGHWAYS)
(MEDIUM LANE OR OUTSIDE
LANE CLOSED (EXTENDED PERIOD))

ISSUE DATE: MAY 20, 2012

WORKING NUMBER: CP-44
SHEET NUMBER: 6354

1. THE LOCATION OF CHANNELIZING DEVICES AND THE WORK AREA LENGTH SHALL BE BASED ON THE CRITERIA IN THE FOLLOWING TABLE:

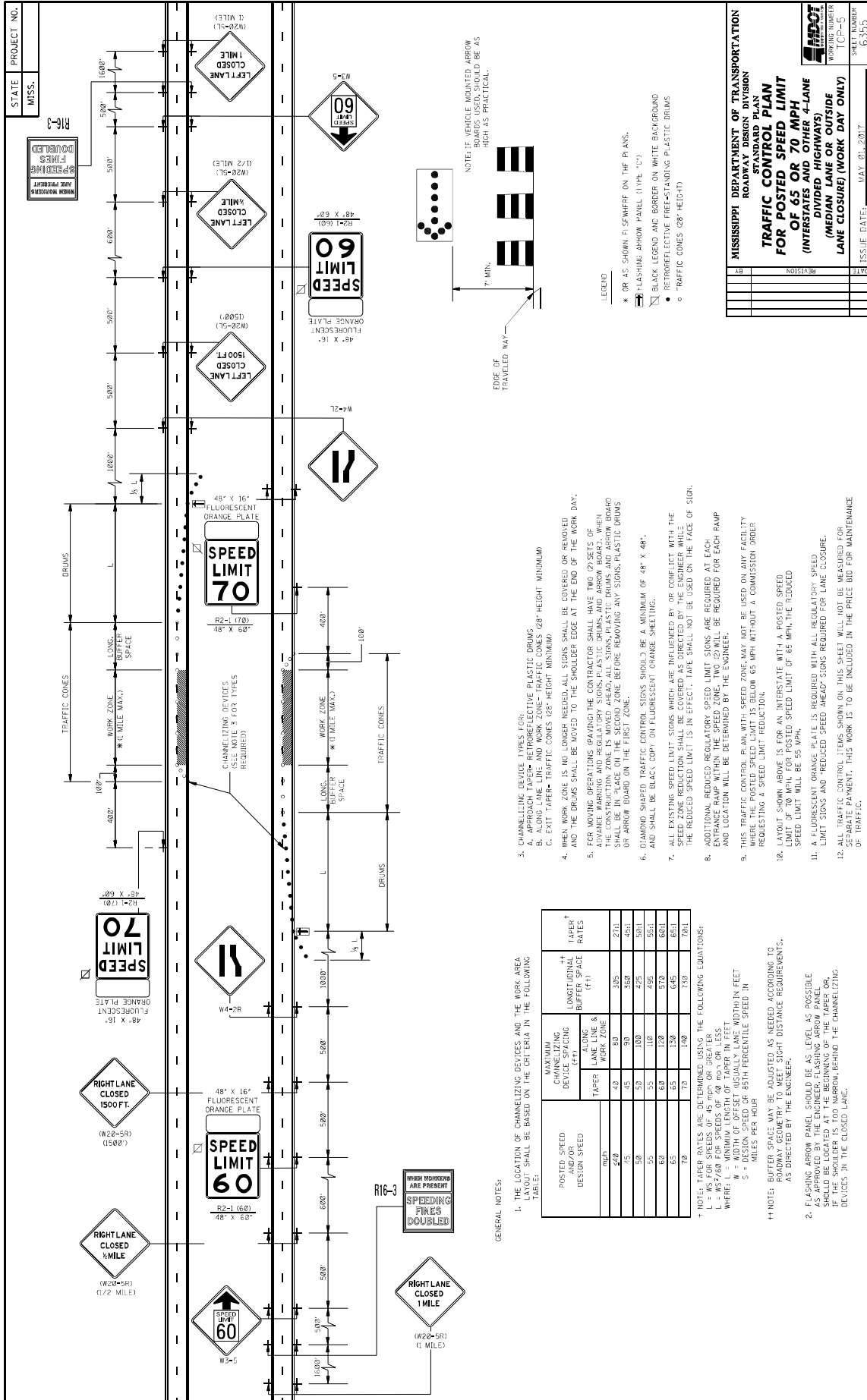
POSTED SPEED AND/OR DESIGN SPEED (MPH)	MAXIMUM CHANNELIZING DEVICE SPACING (FEET)		LONGITUDINAL BUFFER SPACE (FT)	TAPER RATES
	ALONG BUFFER SPACE & WORK ZONE	ALONG BUFFER SPACE		
50	40	80	300	2/1
45	40	80	300	2/1
40	40	80	300	2/1
35	40	80	300	2/1
30	40	80	300	2/1
25	40	80	300	2/1
20	40	80	300	2/1
15	40	80	300	2/1
10	40	80	300	2/1

NOTE: TAPER RATES ARE DETERMINED USING THE FOLLOWING EQUATIONS:
 T = WS²/60 FOR SPEEDS OF 45 MPH OR GREATER
 L = WS²/60 FOR SPEEDS OF 40 MPH OR LESS
 WHERE: L = MINIMUM BUFFER SPACE (FEET)
 S = DESIGN SPEED OR 85TH PERCENTILE SPEED IN MILES PER HOUR

NOTE: BUFFER SPACE MAY BE ADJUSTED AS NEEDED ACCORDING TO ROADWAY GEOMETRY TO MEET SIGHT DISTANCE REQUIREMENTS, AS DIRECTED BY THE ENGINEER.

2. FLASHING ARROW PANEL SHOULD BE AS LEVEL AS POSSIBLE AS APPROVED BY THE ENGINEER. FLASHING ARROW PANEL SHOULD BE LOCATED AT THE BEGINNING OF THE TAPER OR AT THE END OF THE TAPER, BEHIND THE CHANNELIZING DEVICES IN THE CLOSED LANE.

- GENERAL NOTES:
- CHANNELIZING DEVICES IN TAPERS SHALL BE RETROREFLECTIVE FREE STANDING PLASTIC DRUMS.
 - CHANNELIZING DEVICES IN TANGENTS MAY BE EITHER RETROREFLECTIVE FREE STANDING PLASTIC DRUMS OR 42" TALL CONES.
 - ALL CHANNELIZING DEVICES SHALL BE RETROREFLECTIVE.
 - RETROREFLECTIVIZATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MUTCD-6A.
 - DIAMOND SHAPED TRAFFIC CONTROL SIGNS SHOULD BE A MINIMUM OF 48" X 48" AND SHALL BE BLACK COPY ON FLUORESCENT ORANGE SHEETING.
 - ALL EXISTING SPEED LIMIT SIGNS WHICH ARE INFLUENCED BY OR CONFLICT WITH THE SPEED ZONE REDUCTION SHALL BE COVERED WITH RETROREFLECTIVE TAPE. TAPE SHALL NOT BE USED ON FACE OF SIGN.
 - ADDITIONAL REQUIRED REGULATORY SPEED LIMIT SIGNS ARE REQUIRED AT EACH ENTRANCE RAMP AND LEGALION WILL BE DETERMINED BY THE ENGINEER.
 - THIS TRAFFIC CONTROL PLAN WITH SPEED ZONE MAY NOT BE USED ON ANY FACILITY WHERE THE POSTED SPEED LIMIT IS BELOW 65 MPH WITHOUT A COMMISSION ORDER REQUESTING A SPEED LIMIT REDUCTION.
 - LAYOUT SHOWN ABOVE IS FOR AN INTERSTATE WITH A POSTED SPEED LIMIT OF 70 MPH FOR PASTED SPEED LIMIT OF 65 MPH. THE REDUCED SPEED LIMIT WILL BE 55 MPH.
 - A FLUORESCENT ORANGE PLATE IS REQUIRED WITH ALL REGULATORY SPEED LIMIT SIGNS REQUIRED FOR LANE CLOSURE.
 - ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.



STATE MISS.	PROJECT NO.	
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MOBILE OPERATIONS ON MULTILANE ROAD

MOBILE OPERATIONS ON MULTILANE ROAD

MOBILE OPERATIONS ON TWO-LANE ROAD

MOBILE OPERATIONS ON TWO-LANE ROAD

NOTES FOR MULTILANE LANE OPERATION:

- VEHICLES USED FOR THESE OPERATIONS SHOULD BE MADE HIGHLY VISIBLE WITH APPROPRIATE EQUIPMENT, SUCH AS FLASHING LIGHTS, ROTATING BEACONS, FLAS, SIGNS, OR ARROW PANELS.
- SHADOW VEHICLE 2 SHOULD BE EQUIPPED WITH AN ARROW PANEL AND TRUCK MOUNTED ATTENUATOR (TMA), AN APPROPRIATE LANE CLOSURE SIGN SHOULD BE PLACED BEHIND SHADOW VEHICLE 2 SO AS NOT TO OBSCURE THE ARROW PANEL.
- SHADOW VEHICLE 1 SHOULD BE EQUIPPED WITH AN ARROW PANEL AND TRUCK MOUNTED ATTENUATOR (TMA).
- SHADOW VEHICLE 2 SHOULD TRAVEL AT A VARYING DISTANCE FROM THE WORK OPERATION SO AS TO PROVIDE ADEQUATE SIGHT DISTANCE FOR TRAFFIC APPROACHING FROM THE REAR.
- WHEN ADEQUATE SHOULDER WIDTH IS NOT AVAILABLE, SHADOW VEHICLE 2 SHOULD BE ELIMINATED.
- ON HIGH-SPEED ROADWAYS, A THIRD SHADOW VEHICLE SHOULD BE USED (i.e., VEHICLE 3 ON THE SHOULDER OF PRACTICALLY, VEHICLE 2 IN THE CLOSED LANE, AND VEHICLE 1 IN THE CLOSED LANE).
- ARROW PANELS SHALL BE AS A MINIMUM TYPE B, 60" X 30" IN ACCORDANCE WITH THE CRITERIA PRESENTED IN THE MUTCD.
- WORK SHOULD NORMALLY BE DONE DURING OFF-PEAK HOURS.
- VEHICLE-MOUNTED SIGNS SHOULD BE MOUNTED WITH THE BOTTOM OF THE SIGN LOCATED AT A MINIMUM HEIGHT OF 48" ABOVE THE PAVEMENT AND SHALL NOT BE OBTURED BY EQUIPMENT OR STRUCTURES. SIGN LEGENDS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
- ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

NOTES FOR TWO-LANE OPERATION:

- WHERE PRACTICAL AND WHEN NEEDED, THE WORK AND SHADOW VEHICLES SHOULD PULL OVER PERIODICALLY TO ALLOW TRAFFIC TO PASS. IF THIS CAN NOT BE DONE FREQUENTLY AS AN ALTERNATIVE, A "DO NOT PASS" SIGN MAY BE PLACED ON THE REAR OF THE VEHICLE BLOCKING THE LANE.
- THE DISTANCE BETWEEN THE WORK AND SHADOW VEHICLES MAY VARY ACCORDING TO TERRAIN, PAINT LAYING TIME, AND OTHER FACTORS. SHADOW VEHICLES ARE USED TO WARN TRAFFIC OF THE OPERATION AHEAD. WHENEVER ADEQUATE SHOULD MAINTAIN THE MINIMUM DISTANCE AND PROCEED AT THE SAME SPEED AS THE WORK VEHICLE. THE SHADOW VEHICLE SHOULD SLOW DOWN IN ADVANCE OF VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE.
- ADDITIONAL SHADOW VEHICLES TO WARN AND REDUCE THE SPEED OF ONCOMING OR OPPOSING TRAFFIC MAY BE USED. POLICE PATROL CARS MAY BE USED FOR THIS PURPOSE.
- A TRUCK-MOUNTED ATTENUATOR (TMA) SHOULD BE USED ON THE SHADOW VEHICLE AND MAY BE USED ON THE WORK VEHICLE.
- THE WORK VEHICLE SHALL BE EQUIPPED WITH BEACONS AND THE SHADOW VEHICLE SHALL BE EQUIPPED WITH BEACONS AND LIGHTS. TRUCK-MOUNTED LIGHTS MOUNTED ON THE REAR, ADJACENT TO THE SIGN, SHADOW AND WORK VEHICLES SHALL DISPLAY FLASHING OR ROTATING BEACONS BOTH FORWARD AND TO THE REAR.
- VEHICLE-MOUNTED SIGNS SHOULD BE MOUNTED WITH THE BOTTOM OF THE SIGN LOCATED AT A MINIMUM HEIGHT OF 48" ABOVE THE PAVEMENT AND SHALL NOT BE OBTURED BY EQUIPMENT OR STRUCTURES. SIGN LEGENDS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.
- ARROW BOARD TO BE USED IN CAUTION MODE.
- ALL TRAFFIC CONTROL ITEMS SHOWN ON THIS SHEET WILL NOT BE MEASURED FOR SEPARATE PAYMENT. THIS WORK IS TO BE INCLUDED IN THE PRICE BID FOR MAINTENANCE OF TRAFFIC.

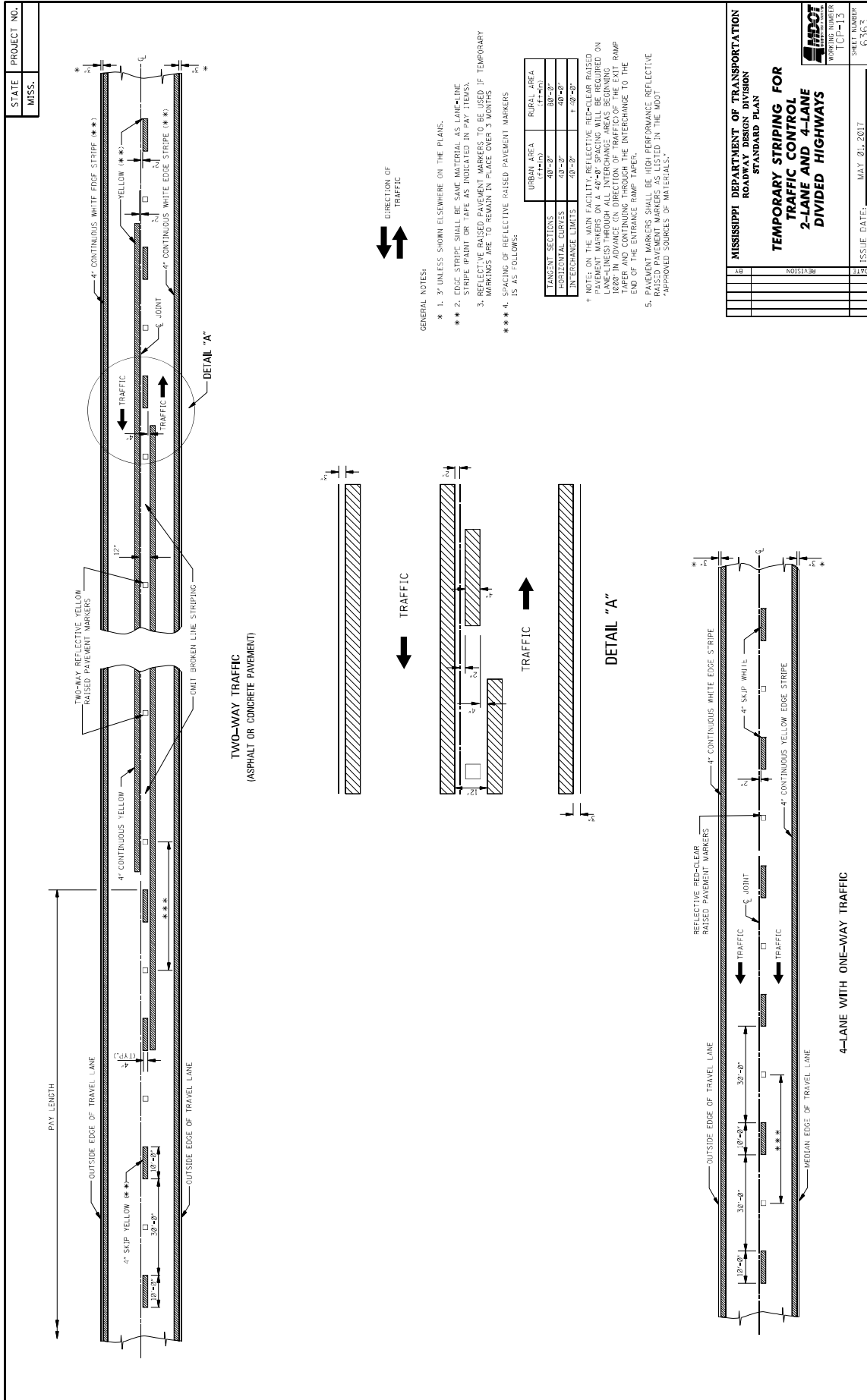
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION
STANDARD PLAN

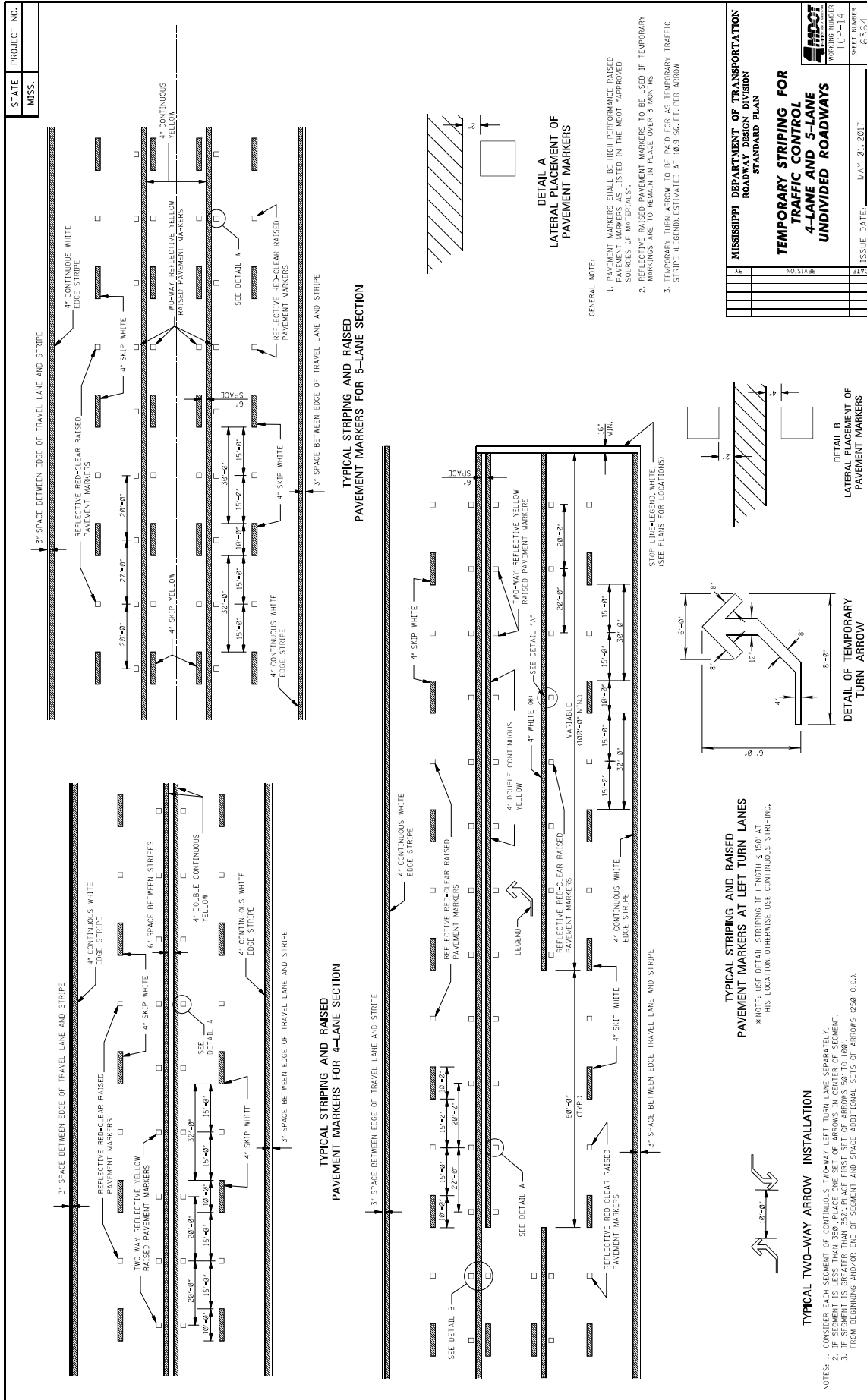
TRAFFIC CONTROL PLAN
MOBILE OPERATIONS
MULTILANE ROADS
TWO-LANE ROADS

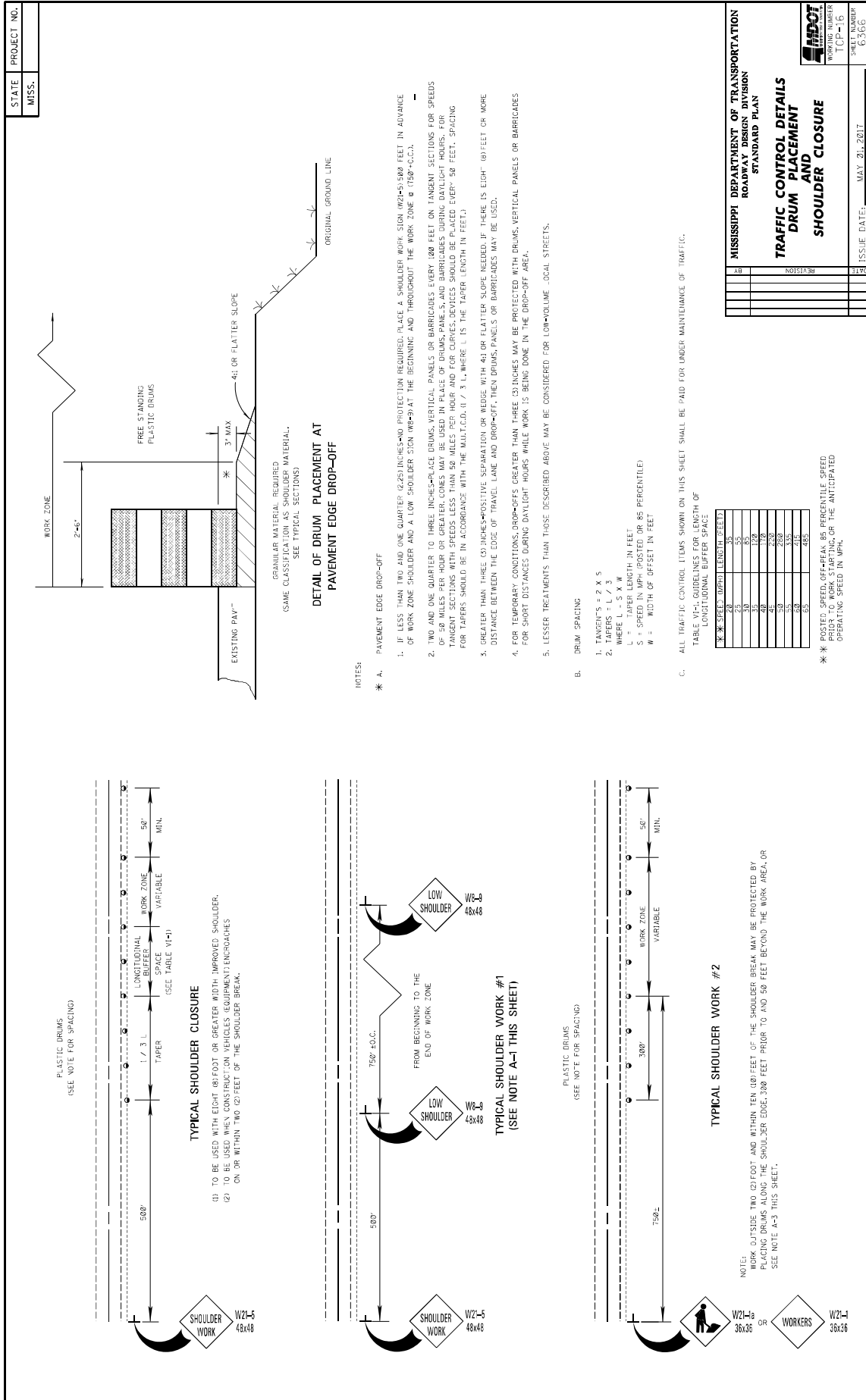
REV	REVISION	
1		DATE

ISSUE DATE: MAY 01, 2017

SHEET NUMBER	TCP-9	
PROJECT NUMBER		DATE

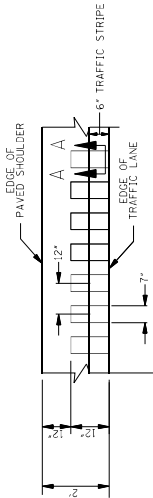




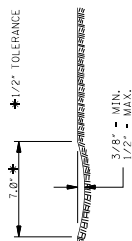


GENERAL NOTES

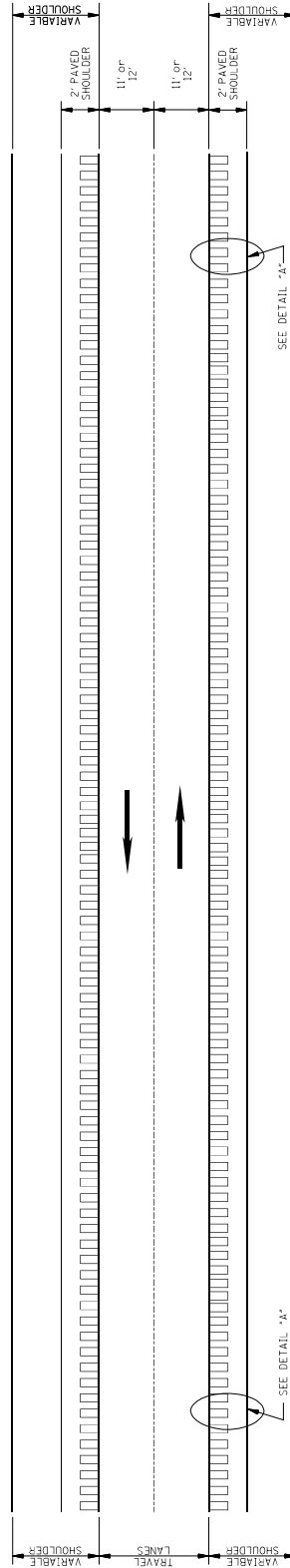
1. GROUND-IN RUMBLE STRIPES SHALL BE APPLIED TO ALL PAVED SHOULDERS OF ALL PAVED SHOULDERS ON THIS PROJECT.
2. GROUND-IN RUMBLE STRIPES SHALL BE APPLIED TO ALL EXISTING AND NEW ROADS, INCLUDING OTHER INTERSECTIONS IN NORMAL SHOULDER WIDTH AS DIRECTED BY THE ENGINEER.
3. COST TO BE PAID FOR USING APPROPRIATE PAY ITEMS.
4. GROUND-IN RUMBLE STRIPES SHALL BE APPLIED TO:
 - A. MAINLINE
 - B. INTERSECTING ROADWAY IF OVERLAP OR RECONSTRUCTED BEYOND NORMAL MAINLINE R.O.W.
 - C. ANY ROADWAY WITH EXISTING RUMBLE STRIPES PRIOR TO CONSTRUCTION.
5. DO NOT USE WHERE TRAVEL LANE IS LESS THAN 11' WIDE.



SECTION "A-A"

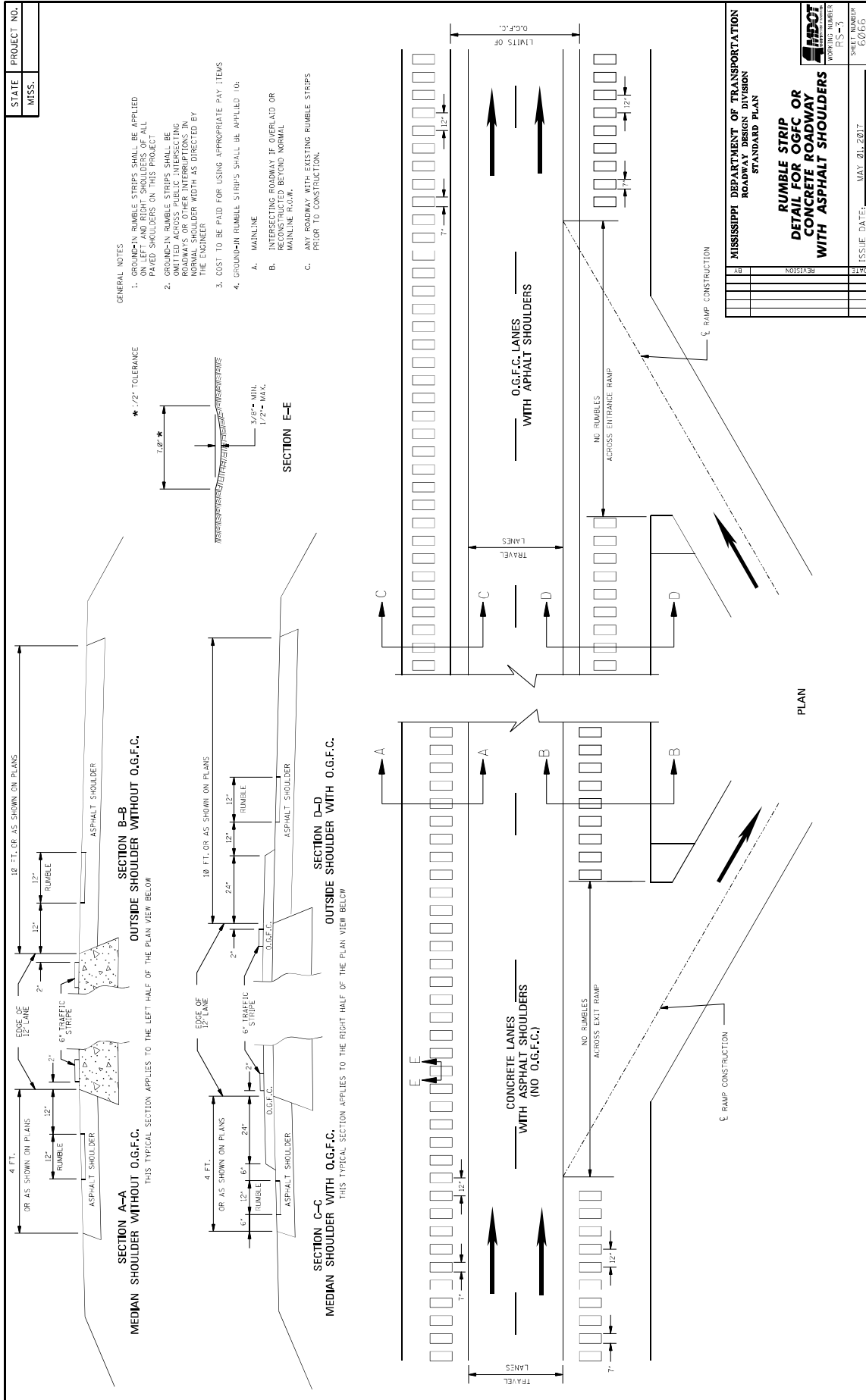


SECTION "A-A"



PLAN
NOT TO SCALE

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
ROADWAY DESIGN DIVISION	
STANDARD PLAN	
RUMBLE STRIPES 2-LANE HIGHWAYS (ASPHALT LANES, 2-FT ASPHALT SHOULDERS)	
DATE	ISSUE DATE: AUGUST 01, 2017
BY	
DESIGNED STRIPES LOCATION	
REVISION	
FIG. NUMBER	RS-1
FIG. NUMBER	6064



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 - NOTICE TO BIDDERS NO. 3603

CODE: (SP)

DATE: 8/18/2021

SUBJECT: Contract Time

**PROJECT: SP-0179-00(022)/108887301 - Pike
SP-0168-00(013)/108888301 - Amite
SP-0168-00(013)/108888302 - Pike**

The completion of work to be performed by the Contractor for this project will not be a specified date but shall be when all allowable working days are assessed, or any extension thereto as provided in Subsection 108.06. It is anticipated that the Notice of Award will be issued no later than **October 12, 2021** and the date for Notice to Proceed / Beginning of Contract Time will be **March 10, 2022**.

Should the Contractor request a Notice to Proceed earlier than **March 10, 2022** and it is agreeable with the Department for an early Notice to Proceed, the requested date will become the new Notice to Proceed date. Regardless of whether or not an early Notice to Proceed is granted, contract time will start at the original Notice to Proceed date.

All requests for an early Notice to Proceed shall be sent to the Project Engineer who will forward it to the Contract Administration Division.

58 Working Days have been allowed for the completion of work on this project.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SECTION 904 – NOTICE TO BIDDERS NO. 3604

CODE: (SP)

DATE: 08/18/2021

SUBJECT: Scope of Work

**PROJECT: SP-0179-00(022)/108887301 - Pike
 SP-0168-00(013)/108888301 - Amite
 SP-0168-00(013)/108888302 – Pike**

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.”

The work to be accomplished using the pay items and corresponding specifications set forth in the contract is to overlay the following two sections of highways in Pike/Amite Counties.

<u>Route</u>	<u>Length (Mile)</u>	<u>Width (Feet)</u>	<u>Top Lift</u>	<u>Thickness (Inches)</u>	<u>Level Lift</u>	<u>Thickness</u>
SR 44	4.9	28’ & var.	UTAP	0.75”	UTAP	0.5”
SR 570	4.1	28’ & var.	UTAP	0.75”	UTAP	0.5”

Typical section: TS-1 addresses requirements for SR 44
 TS-2 addresses requirements for SR 570

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. The Contractor shall fine mill at the following locations:

<u>ROUTE</u>	<u>LOCATION</u>	<u>LENGTH</u>	<u>REMARKS</u>
44	10+00 – 11+85	185'	BOP – 1.25"
	11+85 – 14+61	126'	Shoulder (both sides)
	14+61 – 16+00	139'	Shoulder (both sides)
	16+00 – 18+00	200'	Shoulder (both sides)
	18+00 – 22+84	484'	Shoulder (both sides)
	11+85 – 13+05	125'	Transition
	239+29 – 242+39	310'	Bridge
	245+08 – 248+18	310'	Bridge
	267+46 – 268+96	125'	EOP
<u>Local Roads</u>			As Directed
	Warren Krout Road		
	Van Norman Curve		
	River Ridge Road		
570	53+58 – 57+69	411'	BOP-Bridge End
	58+90 – 61+90	300'	West Bridge End
<u>Local Roads</u>			As Directed
	Delaware Avenue		
	Enterprise Road LT & RT		
	Howell Drive		
	Dallas Jackson Road		
	Frontage Road		
	Magee Road		
	Magnolia-Pisgah Road		
	Anglin		
	Moak Road		
	County Line Road LT & RT		
	Cherokee Drive		
	Thompson Road		

- The Contractor shall underseal the bridge end slab at station 57+69 on SR 570. When complete the slab shall be vertically aligned with the surrounding pavement and bridge deck.
- The Contractor shall perform pre-grinding of the existing surface in areas designated by the Engineer.
- The Contractor shall perform pre-leveling operations by placing 1/2" and variable of UTAP, Leveling from the BOP to the EOP as shown in TS-1 on S.R. 44 & from BOP to EOP on TS-2 on SR 570.

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 the 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.

7. The Contractor shall place top lifts of asphalt on the roadway left and right of the centerline from BOP to EOP as shown in TS-1 on S.R. 44 & TS-2 on S.R. 570. The finished cross-slope is to be 2% in tangent sections and match the existing super elevation rate in horizontal curves.

Asphalt surface shall be placed on the local roads and driveway aprons (1¼" thickness). The maximum single lift thickness for local roads and driveway pads shall be 1¼".

Driveway aprons shall be paved 10' wide or 6' wide as applicable or as directed by the Engineer. All local roads 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 absorbed in other items bid.

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

8. 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 top lift of asphalt, but must be placed directly on the gravel shoulder by means of a road widener machine approved by the Project Engineer. Light blading or mowing of the shoulders will be required prior to placement of the granular material.
9. The Contractor shall place rumble strips in the locations indicated in the typical sections on sheets TS-1 & TS-2.
10. The Contractor shall place all permanent pavement markings. Edge stripe (ribbon and double drop beads) shall be placed on both sides of the roadway from BOP to EOP or as directed by the Engineer. Raised pavement markers shall be placed from the BOP to EOP or as directed by the Engineer.

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 of depth and will be an absorbed item.

Temporary striping shall be required after milling and overlaying operations: Temporary striping shall be placed in the same locations and layout as permanent stripe. All centerline, lane lines, edge lines, and no passing stripes that have been removed during the day's operations shall be replaced with temporary stripe before work is discontinued for the day or as soon thereafter as weather conditions will permit, except that:

- Replacement of no-passing stripes may be delayed for a period not to exceed three (3) days for a 2 or 3-lane road.

- Temporary edge lines on projects requiring shoulders constructed of granular material may be delayed for a period not to exceed three (3) days.

All asphalt and concrete curbs along local roads from BOP to EOP shall be painted (two applications) with white traffic paint and traffic beads as shown on sheet DCIS-1; such costs shall be included in other items bid.

It shall be the responsibility of the Contractor to protect the roadway and all existing structures, such as bridges, culverts, signs, and curbs, 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 State.

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. Such costs shall be included in the price of other items bid.


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, cost to be absorbed.

STATE	MISS	PROJECT NO.
		SP-0179-00(022)/SP-0168-00(013)/SP-0168-00(013)

PAY ITEM NO.	PAY ITEM	UNIT	PIKE : 108887-301000	
			Prelim	Final
202-B240	Removal of Traffic Stripe	LF	1,076	
203-G002	Excess Excavation, LVM, AH	CY	96	
304-A008	Granular Material, LVM, Class 6, Group D	CY	2,029	
304-H001	3/4" and Down Crushed Stone Base, LVM	CY	119	
	OR			
304-H002	Size 610 Crushed Stone Base, LVM	CY	119	
	OR			
304-H003	Size 825B Crushed Stone Base, LVM	CY	119	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	7,606	
407-A001	Asphalt for Tack Coat	GAL	12,927	
907-411-A001	Ultra Thin Asphalt Pavement	TON	5,297	
907-411-A001	Ultra Thin Asphalt Pavement LEVELING	TON	2,206	
412-A001	Pre-Grinding	SF	2,064	
423-A001	Rumble Strips, Ground In	MI	5	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	1	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	20	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	12	
619-A4002	Temporary Traffic Stripe, Skip Yellow	MI	6	
619-A5001	Temporary Traffic Stripe, Detail	LF	15,264	
619-A6002	Temporary Traffic Stripe, Legend	LF	5,700	
907-619-B001	Temporary Portable Rumble Strips	LF		
620-A001	Mobilization	LS	1	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	10	
626-D001	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow	MI	3	
626-E001	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	MI	6	
626-G002	Thermoplastic Detail Stripe, White	LF	4,965	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	1,702	
626-H005	Thermoplastic Legend, White	LF	3,800	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	680	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	573	
627-P001	Two-Way Blue Reflective High Performance Raised Markers	EA	4	

SUMMARY OF QUANTITIES (SHEET 1)

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES



PROJ NO: SP-0179-00(022)
 COUNTY: PIKE
 FILENAME: SQ-1


Working Number: SQ-1
 Sheet Number: 3

Revision: _____ Date: _____
 Checked: _____
 Design Team: _____

STATE	MISS	PROJECT NO.
		SP-0179-00(022)/SP-0168-00(013)/SP-0168-00(013)

PAY ITEM NO.	PAY ITEM	UNIT	AMITE : 108888-301000	
			Prelim	Final
304-A008	Granular Material, LVM, Class 6, Group D	CY	249	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	3,026	
407-A001	Asphalt for Tack Coat	GAL	2,844	
907-411-A001	Ultra Thin Asphalt Pavement	TON	701	
907-411-A001	Ultra Thin Asphalt Pavement LEVELING	TON	404	
412-A001	Pre-Grinding	SF	576	
423-A001	Rumble Strips, Ground In	MI	1	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	1	
619-A1001	Temporary Traffic Stripes, Continuous White	MI	2	
619-A2001	Temporary Traffic Stripes, Continuous Yellow	MI	3	
619-A5001	Temporary Traffic Stripes, Detail	LF	6,531	
619-A6001	Temporary Traffic Stripes, Legend	SF	115	
619-A6002	Temporary Traffic Stripes, Legend	LF	312	
620-A001	Mobilization	LS	1	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	1	
626-E001	6" Thermoplastic Double Drop Traffic Stripes, Continuous Yellow	MI	2	
626-G002	Thermoplastic Detail Stripe, White	LF	2,422	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	533	
626-H004	Thermoplastic Legend, White	SF	115	
626-H005	Thermoplastic Legend, White	LF	315	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	105	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	18	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	270	

SUMMARY OF QUANTITIES (SHEET 2)

	
MISSISSIPPI DEPARTMENT OF TRANSPORTATION SUMMARY OF QUANTITIES	
Working Number SQ-2	Sheet Number 4
PROJ NO: SP-0168-00(013) COUNTY: AMITE	
FILENAME: SQ-1	
Design Team	Checked
Revision	Date

STATE	MISS	PROJECT NO.
		SP-0179-00(022)/SP-0168-00(013)/SP-0168-00(013)

PAY ITEM NO.	PAY ITEM	UNIT	PIKE : 108888-302000	
			Prelim	Final
202-B240	Removal of Traffic Stripe	LF	648	
304-A008	Granular Material, LVM, Class 6, Group D	CY	1,382	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	15,986	
407-A001	Asphalt for Tack Coat	GAL	11,966	
907-411-A001	Ultra Thin Asphalt Pavement	TON	4,080	
907-411-A001	Ultra Thin Asphalt Pavement LEVELING	TON	2,461	
412-A001	Pre-Grinding	SF	1,116	
907-420-A002	Undersealing Concrete Pavement	LBS	4,500	
423-A001	Rumble Strips, Ground In	MI	7	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	1	
619-A1002	Temporary Traffic Stripes, Continuous White	LF	16	
619-A2001	Temporary Traffic Stripes, Continuous Yellow	MI	11	
619-A4002	Temporary Traffic Stripes, Skip Yellow	MI	1	
619-A5001	Temporary Traffic Stripes, Detail	LF	17,045	
619-A6001	Temporary Traffic Stripes, Legend	SF	730	
619-A6002	Temporary Traffic Stripes, Legend	LF	3,792	
907-619-B001	Temporary Portable Rumble Strips	LF	132	
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	8	
626-D001	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow	MI	1	
626-E001	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	MI	6	
626-G002	Thermoplastic Detail Stripe, White	LF	12,897	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	4,148	
626-H004	Thermoplastic Legend, White	SF	730	
626-H005	Thermoplastic Legend, White	LF	3,792	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	480	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	98	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	1,209	
627-P001	Two-Way Blue Reflective High Performance Raised Markers	EA	8	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

Revision	PROJ NO: SP-0168-00(013)	Working Number	5
	COUNTY: PIKE	SQ-3	
	FILENAME: SQ-1	Sheet Number	
Design Team	Checked	Date	



Working Number
SQ-3
Sheet Number
5

PROJ NO: SP-0168-00(013)
COUNTY: PIKE
FILENAME: SQ-1


Checked
Date

Design Team

STATE	MISS	PROJECT NO.
		SP-0179-00(022)/SP-0168-00(013)/SP-0168-00(013)

PAY ITEM NO.	PAY ITEM	UNIT	Total Amount	
			Prelim	Final
202-B240	Removal of Traffic Stripe	LF	1,724	
203-G002	Excess Excavation, LVM, AH	CY	96	
304-A008	Granular Material, LVM, Class 6, Group D	CY	3,660	
304-H001	3/4" and Down Crushed Stone Base, LVM	CY	119	
	OR			
304-H002	Size 610 Crushed Stone Base, LVM	CY	119	
	OR			
304-H003	Size 825B Crushed Stone Base, LVM	CY	119	
406-D001	Fine Milling of Bituminous Pavement, All Depths	SY	26,618	
407-A001	Asphalt for Tack Coat	GAL	27,737	
907-411-A001	Ultra Thin Asphalt Pavement	TON	10,078	
907-411-A001	Ultra Thin Asphalt Pavement LEVELING	TON	5,071	
412-A001	Pre-Grinding	SF	3,756	
907-420-A002	Undersailing Concrete Pavement	LBS	4,500	
423-A001	Rumble Strips, Ground In	MI	13	
618-A001	Maintenance of Traffic	LS	1	
618-B001	Additional Construction Signs	SF	3	
619-A1001	Temporary Traffic Stripe, Continuous White	MI	22	
619-A1002	Temporary Traffic Stripe, Continuous White	LF	16	
619-A2001	Temporary Traffic Stripe, Continuous Yellow	MI	26	
619-A4002	Temporary Traffic Stripe, Skip Yellow	MI	7	
619-A5001	Temporary Traffic Stripe, Detail	LF	38,840	
619-A6001	Temporary Traffic Stripe, Legend	SF	845	
619-A6002	Temporary Traffic Stripe, Legend	LF	9,804	
907-619-B001	Temporary Portable Rumble Strips	LF	198	
620-A001	Mobilization	LS	1	
626-C002	6" Thermoplastic Double Drop Edge Stripe, Continuous White	MI	19	
626-D001	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow	MI	4	
626-E001	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow	MI	14	
626-G002	Thermoplastic Detail Stripe, White	LF	20,284	
626-G003	Thermoplastic Detail Stripe, Yellow	LF	6,383	
626-H004	Thermoplastic Legend, White	SF	845	
626-H005	Thermoplastic Legend, White	LF	7,907	
627-J001	Two-Way Clear Reflective High Performance Raised Markers	EA	1,265	
627-K001	Red-Clear Reflective High Performance Raised Markers	EA	116	
627-L001	Two-Way Yellow Reflective High Performance Raised Markers	EA	2,052	
627-P001	Two-Way Blue Reflective High Performance Raised Markers	EA	12	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES - PROJECT TOTALS



Revision

PROJ NO: SP-0179-00(022)/SP-0168-00(013)/SP-016
 FMS: 108887-301000/108888-301000/108888-302000

Working Number
 SQ-4

Sheet Number
 6

FILENAME: SQ-1

Checked _____ Date _____
 Design Team

PROJECT NO.	SP-0175-00(02)
STATE	MISS.
DATE	08-26-13
ISS.	08-26-13

SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	TOTAL SIGN AREA SQ. FT.	REMARKS
G20 - 1	60" X 24"	2	20	NO. OF VEHICLES
G20 - 2	48" X 24"	4	32	END ROAD WORK
G20 - 4	36" X 18"	4	45	FLOR. CAR FOLLOW
M1 - 1	24" X 24"	4	40	1 OR 2 DIGIT
M1 - 4	30" X 24"	4	40	3 DIGIT
M1 - 5	24" X 24"	4	40	1 OR 2 DIGIT
M1 - 5	30" X 24"	4	40	3 DIGIT
M3 - 1	24" X 12"	2	20	NON-TOUR 7
M3 - 1	30" X 15"	3	30	DIGIT 10
M3 - 2	24" X 12"	2	20	DIGIT 10
M3 - 2	30" X 15"	3	30	DIGIT 10
M3 - 3	24" X 12"	2	20	DIGIT 10
M3 - 3	30" X 15"	3	30	DIGIT 10
M3 - 4	24" X 12"	2	20	DIGIT 10
M3 - 4	30" X 15"	3	30	DIGIT 10
M4 - 8	24" X 12"	2	20	DETOUR - TOP 2
M4 - 8	30" X 15"	3	30	DIGIT 10
M4 - 9	48" X 36"	12	120	DETOUR
M4 - 9L	48" X 36"	12	120	DETOUR
M4 - 9B	48" X 36"	12	120	DETOUR
M4 - 9SL	48" X 36"	12	120	DETOUR
M4 - 9R	48" X 36"	12	120	DETOUR
M4 - 9BR	48" X 36"	12	120	DETOUR
M4 - 9SR	48" X 36"	12	120	DETOUR
M4 - 9BSR	48" X 36"	12	120	DETOUR
M4 - 10L	48" X 18"	6	60	DETOUR
M4 - 10R	48" X 18"	6	60	DETOUR
M4 - 5	24" X 12"	2	20	TO
M5 - 1L	21" X 15"	2	21	TO
M5 - 1R	21" X 15"	2	21	TO
M5 - 2L	21" X 15"	2	21	TO
M5 - 2R	21" X 15"	2	21	TO
M6 - 1L	21" X 15"	2	21	TO
M6 - 1R	21" X 15"	2	21	TO
M6 - 2L	21" X 15"	2	21	TO
M6 - 2R	21" X 15"	2	21	TO
M6 - 3	21" X 15"	2	21	TO
R1 - 1	36" OCTAGON	7	7	STOP
R1 - 2	48" OCTAGON	13	25	STOP
R1 - 2	48" X 48"	6	6	STOP
R1 - 2	60" X 60"	10	10	STOP

SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	TOTAL SIGN AREA SQ. FT.	REMARKS
R1 - 3	18" X 9"	1	1.13	3-WAY, 4 WAY ETC.
R1 - 3	24" X 12"	2	2	3-WAY, 4 WAY ETC.
R2 - 1	24" X 30"	5	5	SPEED LIMIT
R2 - 1	36" X 48"	12	12	SPEED LIMIT
R2 - 1	48" X 60"	20	20	SPEED LIMIT
R3 - 1	18" X 36"	9	9	NO. OF VEHICLES
R3 - 1	24" X 36"	9	9	NO. OF VEHICLES
R3 - 2	36" X 36"	9	9	NO. OF VEHICLES
R3 - 2	48" X 48"	16	16	NO. OF VEHICLES
R3 - 4	36" X 36"	9	9	NO. OF VEHICLES
R3 - 4	48" X 48"	16	16	NO. OF VEHICLES
R3 - 5L	30" X 36"	7	7	NO. OF VEHICLES
R3 - 5R	30" X 36"	7	7	NO. OF VEHICLES
R3 - 6L	30" X 36"	7	7	NO. OF VEHICLES
R3 - 6R	30" X 36"	7	7	NO. OF VEHICLES
R3 - 7L	30" X 30"	6	6	NO. OF VEHICLES
R3 - 7R	30" X 30"	6	6	NO. OF VEHICLES
R4 - 1	24" X 30"	5	5	DO NOT PASS
R4 - 1	48" X 60"	20	20	DO NOT PASS
R4 - 2	24" X 30"	5	5	PASS WITH CARE
R4 - 2	48" X 60"	20	20	PASS WITH CARE
R4 - 7	48" X 60"	20	20	PASS WITH CARE
R4 - 8	48" X 60"	20	20	PASS WITH CARE
R5 - 1	48" X 48"	16	16	DO NOT ENTER
R5 - 1	48" X 48"	16	16	DO NOT ENTER
R5 - 1	42" X 30"	8	8	WRONG WAY
R6 - 1L	36" X 12"	3	3	WRONG WAY
R6 - 1R	36" X 12"	3	3	WRONG WAY
R6 - 2L	24" X 30"	5	5	WRONG WAY
R6 - 2R	24" X 30"	5	5	WRONG WAY
R11 - 2	48" X 30"	10	10	ROAD CLOSED
R11 - 3	60" X 30"	12	12	ROAD CLOSED
R11 - 3	60" X 30"	12	12	ROAD CLOSED
R11 - 4	60" X 30"	12	12	ROAD CLOSED
R12 - 1	36" X 48"	12	12	WEIGHT LIMIT
R16 - 3	36" X 48"	12	12	WEIGHT LIMIT
R16 - 3	48" X 60"	20	20	WEIGHT LIMIT
W1 - 1L	48" X 48"	16	16	NO. OF VEHICLES
W1 - 1R	48" X 48"	16	16	NO. OF VEHICLES
W1 - 2L	48" X 48"	16	16	NO. OF VEHICLES
W1 - 2R	48" X 48"	16	16	NO. OF VEHICLES
W1 - 3L	48" X 48"	16	16	NO. OF VEHICLES
W1 - 3R	48" X 48"	16	16	NO. OF VEHICLES
W1 - 4L	48" X 48"	16	16	NO. OF VEHICLES
W1 - 4R	48" X 48"	16	16	NO. OF VEHICLES
W1 - 5L	48" X 48"	16	16	NO. OF VEHICLES
W1 - 5R	48" X 48"	16	16	NO. OF VEHICLES
W1 - 6L	48" X 24"	8	8	NO. OF VEHICLES
W1 - 6R	48" X 24"	8	8	NO. OF VEHICLES
W1 - 6R	48" X 30"	12	12	NO. OF VEHICLES
W1 - 7	60" X 30"	12	12	NO. OF VEHICLES
W1 - 7	48" X 24"	8	8	NO. OF VEHICLES

SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	TOTAL SIGN AREA SQ. FT.	REMARKS
W1 - 7	60" X 30"	12	12	NO. OF VEHICLES
W1 - 8L	18" X 24"	3	3	NO. OF VEHICLES
W1 - 8L	36" X 48"	12	12	NO. OF VEHICLES
W1 - 8R	18" X 24"	3	3	NO. OF VEHICLES
W1 - 8R	36" X 48"	12	12	NO. OF VEHICLES
W1 - 9L	48" X 48"	16	16	NO. OF VEHICLES
W1 - 9R	48" X 48"	16	16	NO. OF VEHICLES
W3 - 1	48" X 48"	16	16	NO. OF VEHICLES
W3 - 2	48" X 48"	16	16	NO. OF VEHICLES
W3 - 3	48" X 48"	16	16	NO. OF VEHICLES
W3 - 5	48" X 48"	16	16	NO. OF VEHICLES
W4 - 1L	48" X 48"	16	16	NO. OF VEHICLES
W4 - 1R	48" X 48"	16	16	NO. OF VEHICLES
W4 - 2L	48" X 48"	16	16	NO. OF VEHICLES
W4 - 2R	48" X 48"	16	16	NO. OF VEHICLES
W5 - 1	48" X 48"	16	16	NO. OF VEHICLES
W6 - 1	48" X 48"	16	16	NO. OF VEHICLES
W6 - 2	48" X 48"	16	16	NO. OF VEHICLES
W6 - 3	48" X 48"	16	16	NO. OF VEHICLES
W8 - 1	48" X 48"	16	16	NO. OF VEHICLES
W8 - 4	48" X 48"	16	16	NO. OF VEHICLES
W8 - 6	48" X 48"	16	16	NO. OF VEHICLES
W8 - 7	48" X 48"	16	16	NO. OF VEHICLES
W8 - 9	48" X 48"	16	16	NO. OF VEHICLES
W8 - 11	36" X 36"	9	9	NO. OF VEHICLES
W8 - 12	48" X 48"	16	16	NO. OF VEHICLES
W10 - 1	36" DIA.	7	7	NO. OF VEHICLES
W10 - 1	48" DIA.	12	12	NO. OF VEHICLES
W13 - 1	24" X 24"	4	4	NO. OF VEHICLES
W13 - 1	48" X 48"	16	16	NO. OF VEHICLES
W14 - 3	48" X 48"	16	16	NO. OF VEHICLES
W15 - 2	24" X 18"	3	3	NO. OF VEHICLES
W19 - 2	48" X 48"	16	16	NO. OF VEHICLES
W20 - 1	48" X 48"	16	16	NO. OF VEHICLES
W20 - 1	36" X 36"	9	9	NO. OF VEHICLES
W20 - 2	48" X 48"	16	16	NO. OF VEHICLES
W20 - 3	48" X 48"	16	16	NO. OF VEHICLES
W20 - 4	48" X 48"	16	16	NO. OF VEHICLES
W20 - 4	48" X 48"	16	16	NO. OF VEHICLES
W20 - 4	48" X 48"	16	16	NO. OF VEHICLES
W20 - 5L	48" X 48"	16	16	NO. OF VEHICLES
W20 - 5R	48" X 48"	16	16	NO. OF VEHICLES
W20 - 7	48" X 48"	16	16	NO. OF VEHICLES
W21 - 1	36" X 36"	9	9	NO. OF VEHICLES
W21 - 1	36" X 36"	9	9	NO. OF VEHICLES
W21 - 1	36" X 36"	9	9	NO. OF VEHICLES

SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	TOTAL SIGN AREA SQ. FT.	REMARKS
W21 - 2	36" X 36"	9	9	NO. OF VEHICLES
W21 - 3	48" X 48"	16	16	NO. OF VEHICLES
W21 - 5	48" X 48"	16	16	NO. OF VEHICLES
W21 - 6	36" X 36"	9	9	NO. OF VEHICLES
W21 - 6	48" X 48"	16	16	NO. OF VEHICLES
W24 - 1L	48" X 48"	16	16	NO. OF VEHICLES
W24 - 1R	48" X 48"	16	16	NO. OF VEHICLES
W24 - 1BL	48" X 48"	16	16	NO. OF VEHICLES
W24 - 1BR	48" X 48"	16	16	NO. OF VEHICLES
VP - 1L	12" X 36"	3	3	NO. OF VEHICLES
VP - 1R	12" X 36"	3	3	NO. OF VEHICLES
OM - 3L	12" X 36"	3	3	NO. OF VEHICLES
OM - 3R	12" X 36"	3	3	NO. OF VEHICLES
TOTAL SIGN AREA	LESS THAN 10 SQ. FT.		619.44 SQ. FT.	
TOTAL SIGN AREA	10 SQ. FT. OR MORE		484 SQ. FT.	

- ① STANDARD
- ② SPECIAL USE WHERE WARRANTED

NOTES

- 1 INTERSTATE ROUTE MARKER
- 2 UNITED STATES ROUTE MARKER
- 3 STATE ROUTE MARKER
- 4 COLORS OF CARDINAL DIRECTION MARKERS AND DIRECTIONS OF ARROWS SHALL BE APPROPRIATE TO MATCH ACCOMPANYING BLACK STRIPES ON YELLOW BACKGROUND
- 5 INTERSTATE USE ONLY
- 6 TOP OF SIGN - BLACK LETTERING ON ORANGE BACKGROUND
- 7 BOTTOM OF SIGN - BLACK LETTERING ON WHITE BACKGROUND

THE BACKGROUND OF ALL WARNING SIGNS ("W" SERIES) EXCEPT W10-1 SHALL BE ORANGE. THE W10-1 BACKGROUND SHALL BE YELLOW IN ALL CASES.

Notice to Bidders No. 336

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS SR 44

PROJECT NO.: SP-0175-00(02)

COUNTY: PIKE

FILE NUMBER: 88-00000000

DATE: 08-26-13

DESIGN TEAM

CREATED

DATE: 08-26-13

DESIGN TEAM

CREATED

DATE: 08-26-13

DESIGN TEAM

CREATED

DATE: 08-26-13

DESIGN TEAM

CREATED

DATE: 08-26-13

DESIGN TEAM

CREATED

DATE: 08-26-13

DESIGN TEAM

STATE	PROJECT NO.
MISS.	SP-01688-00(13)

SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	UNIT SOFT.	TOTAL SIGNS	REMARKS
W21 - 2	36" X 36"	9.00			FRESH OIL (TAR)
W21 - 3	48" X 48"	16.00			ADVANCE ROAD MACHINERY
W21 - 5	48" X 48"	16.00			SHOULDER WORK
W21 - 6	36" X 36"	9.00			SURVEY CREW
W24 - 1L	48" X 48"	16.00			
W24 - 1R	48" X 48"	16.00			
W24 - 1A	48" X 48"	16.00			
W24 - 1B	48" X 48"	16.00			
W24 - 1C	48" X 48"	16.00			
VP - 1L	12" X 36"	3.00			
VP - 1R	12" X 36"	3.00			
OM - 3L	12" X 36"	3.00			
OM - 3R	12" X 36"	3.00			
TOTAL SIGN AREA		LESS THAN 10 SQ. FT.			
TOTAL SIGN AREA		10 SQ. FT. OR MORE			420 SQ. FT.

NOTES

- INTERSTATE ROUTE MARKER
 - UNITED STATES ROUTE MARKER
 - STATE ROUTE MARKER
 - COLORS OF CARDINAL DIRECTION MARKERS AND DIRECTIONS SHALL BE APPROPRIATE TO MATCH ACCOMPANYING ROAD MARKERS.
 - BLACK STRIPES ON YELLOW BACKGROUND
 - INTERSTATE USE ONLY
 - TOP OF SIGN - BLACK LETTERING ON ORANGE BACKGROUND
 - BOTTOM OF SIGN - BLACK LETTERING ON WHITE BACKGROUND
- THE BACKGROUND OF ALL WARNING SIGNS ("W" SERIES) EXCEPT W10-1 SHALL BE ORANGE. THE W10-1 BACKGROUND SHALL BE YELLOW IN ALL CASES.

AB	REVISION	DATE	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
ESTIMATED QUANTITIES FOR TRAFFIC CONTROL SIGNS
SR 570
PROJ. NO.: SP-01688-00(13)
COUNTY: PIKE/MITCHELL
FILE NAME: _____
DESIGN TEAM: _____
CHECKED: _____
DATE: 08-26-13

SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	UNIT SOFT.	TOTAL SIGNS	REMARKS
W1 - 7	60" X 30"	12.50			
W1 - 8L	18" X 24"	3.00			
W1 - 8R	36" X 48"	12.00			
W1 - 8R	18" X 24"	3.00			
W1 - 9L	36" X 48"	12.00			
W1 - 9R	48" X 48"	16.00			
W3 - 1a	48" X 48"	16.00			
W3 - 2a	48" X 48"	16.00			
W3 - 3	48" X 48"	16.00			
W3 - 5	48" X 48"	16.00			
W4 - 1L	48" X 48"	16.00			
W4 - 1R	48" X 48"	16.00			
W4 - 2L	48" X 48"	16.00			
W4 - 2R	48" X 48"	16.00			
W5 - 1a	48" X 48"	16.00			
W6 - 1	48" X 48"	16.00			
W6 - 2	48" X 48"	16.00			
W6 - 3	48" X 48"	16.00			
W8 - 1	48" X 48"	16.00			
W8 - 4	48" X 48"	16.00			
W8 - 6	48" X 48"	16.00			
W8 - 7	48" X 48"	16.00			
W8 - 9	48" X 48"	16.00			
W8 - 11	36" X 36"	9.00			
W8 - 12	48" X 48"	16.00			
W10 - 1	36" DIA.	7.00			
W10 - 1	48" DIA.	12.50			
W13 - 1	24" X 24"	4.00			
W14 - 3	36" X 48"	5.56			
W14 - 3	48" X 48"	9.89			
W16-2	24" X 18"	3.00			
W19 - 2	48" X 48"	16.00			
W20 - 1	48" X 48"	16.00			
W20 - 1	36" X 36"	9.00			
W20 - 2	48" X 48"	16.00			
W20 - 3	48" X 48"	16.00			
W20 - 4	48" X 48"	16.00			
W20 - 4B	48" X 48"	16.00			
W20 - 5L	48" X 48"	16.00			
W20 - 5R	48" X 48"	16.00			
W20 - 7a	48" X 48"	16.00			
W21 - 1	36" X 36"	9.00			
W21 - 1a	36" X 36"	9.00			

SIGNS REQUIRED
(CONT'D)

SIGN NO.	SIZE	QUAN. REQ'D.	UNIT SOFT.	TOTAL SIGNS	REMARKS
R1 - 3	18" X 9"	1.13			
R1 - 3	24" X 12"	2.00			
R2 - 1	24" X 30"	5.00			
R2 - 1	36" X 48"	12.00			
R2 - 1	48" X 60"	20.00			
R3 - 1	18" X 36"	9.00			
R3 - 1	48" X 48"	16.00			
R3 - 2	36" X 36"	9.00			
R3 - 2	48" X 48"	16.00			
R3 - 4	36" X 36"	9.00			
R3 - 4	48" X 48"	16.00			
R3 - 5L	30" X 36"	7.50			
R3 - 5R	30" X 36"	7.50			
R3 - 6L	30" X 36"	7.50			
R3 - 6R	30" X 36"	7.50			
R3 - 7L	30" X 30"	6.25			
R3 - 7R	30" X 30"	6.25			
R4 - 1	24" X 30"	5.00			
R4 - 1	48" X 60"	20.00			
R4 - 2	24" X 30"	5.00			
R4 - 2	48" X 60"	20.00			
R4 - 7	48" X 60"	20.00			
R4 - 8	48" X 60"	20.00			
R5 - 1	48" X 48"	16.00			
R5 - 1a	42" X 30"	8.75			
R6 - 1L	36" X 12"	3.00			
R6 - 1R	36" X 12"	3.00			
R6 - 2L	24" X 30"	5.00			
R6 - 2R	24" X 30"	5.00			
R11 - 2	48" X 30"	10.00			
R11 - 3a	60" X 30"	12.50			
R11 - 3b	60" X 30"	12.50			
R11 - 4	60" X 30"	12.50			
R12 - 1	36" X 48"	12.00			
R16 - 3	36" X 48"	12.00			
R16 - 3	48" X 60"	20.00			
W1 - 1L	48" X 48"	16.00			
W1 - 1R	48" X 48"	16.00			
W1 - 2R	48" X 48"	16.00			
W1 - 3L	48" X 48"	16.00			
W1 - 3R	48" X 48"	16.00			
W1 - 4L	48" X 48"	16.00			
W1 - 4R	48" X 48"	16.00			
W1 - 5L	48" X 48"	16.00			
W1 - 5R	48" X 48"	16.00			
W1 - 6L	48" X 24"	8.00			
W1 - 6R	60" X 30"	12.50			
W1 - 6R	48" X 24"	8.00			
W1 - 7	60" X 30"	12.50			
W1 - 7	48" X 24"	8.00			

SIGNS REQUIRED

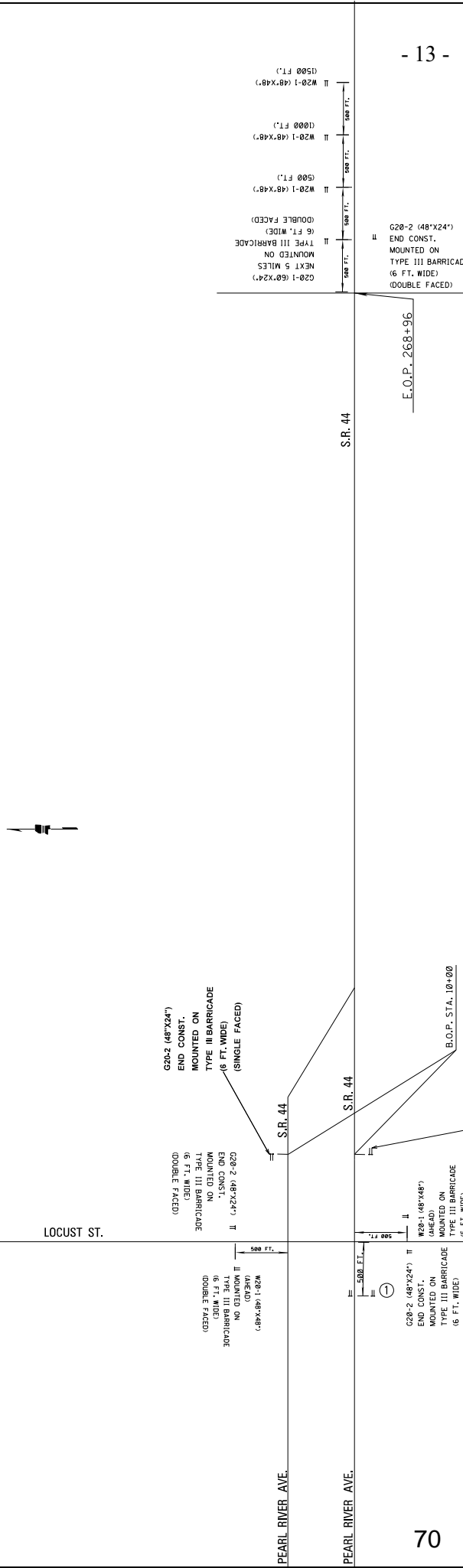
SIGN NO.	SIZE	QUAN. REQ'D.	UNIT SOFT.	TOTAL SIGNS	REMARKS
G20 - 1	60" X 24"	10.00			
G20 - 2	48" X 24"	8.00			
G20 - 4	36" X 18"	4.50			
M1 - 1	24" X 24"	4.00			
M1 - 1	30" X 24"	5.00			
M1 - 4	24" X 24"	4.00			
M1 - 4	30" X 24"	5.00			
M1 - 5	24" X 24"	4.00			
M1 - 5	30" X 24"	5.00			
M3 - 1	24" X 15"	2.00			
M3 - 2	24" X 12"	2.00			
M3 - 2	30" X 15"	3.13			
M3 - 3	24" X 12"	2.00			
M3 - 3	30" X 15"	3.13			
M3 - 4	24" X 12"	2.00			
M3 - 4	30" X 15"	3.13			
M3 - 4	30" X 15"	3.13			
M4 - 8	24" X 12"	2.00			
M4 - 8	30" X 15"	3.13			
M4 - 9	48" X 36"	12.00			
M4 - 9L	48" X 36"	12.00			
M4 - 9R	48" X 36"	12.00			
M4 - 9SL	48" X 36"	12.00			
M4 - 9SR	48" X 36"	12.00			
M4 - 10L	48" X 18"	6.00			
M4 - 10R	48" X 18"	6.00			
M4 - 5	24" X 12"	2.00			
M5 - 1L	21" X 15"	2.19			
M5 - 1R	21" X 15"	2.19			
M5 - 2L	21" X 15"	2.19			
M5 - 2R	21" X 15"	2.19			
M6 - 1L	21" X 15"	2.19			
M6 - 1R	21" X 15"	2.19			
M6 - 2R	21" X 15"	2.19			
M6 - 3	21" X 15"	2.19			
R1 - 1	36" OCTAGON	7.46			
R1 - 1	48" OCTAGON	13.25			
R1 - 2	48" X 48"	6.33			
R1 - 2	60" X 60"	10.83			

Notice to Bidders No. 336



PROJECT NO.	SP-0179-00(022)
STATE	MISS.
MISS.	SP-0179-00(022)

NOTE: W20-1 (48"x48") WILL BE REQ'D ON ALL LOCAL ROADS.



SIGN LEGEND	
①	W20-1 (48"x48") (600 FT.) AHEAD MOUNTED ON TYPE III BARRICADE (6 FT. WIDE) SINGLE FACE

ADDITIONAL TRAFFIC CONTROL SIGNS REQUIRED:

R4-1 "DO NOT PASS", R4-2 "PASS WITH CARE", AND W14-3 "NO PASSING ZONE" SIGNS ARE REQUIRED. CONTROL DEVICES IF "NO PASSING ZONE" SIGNS ARE USED, ALL ADDITIONAL "DO NOT PASS" & "NO PASSING ZONE" SIGNS ON MAXIMUM SPACING OF 750'.

ALL CONSTRUCTION SIGNING SHALL BE INCLUDED IN BID FOR P&A ITEM 087-616 A MAINTENANCE OF TRAFFIC. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR R-4 AND R4-2 SIGNS WHICH SHALL BE BLACK LEGEND ON WHITE BACKGROUND.

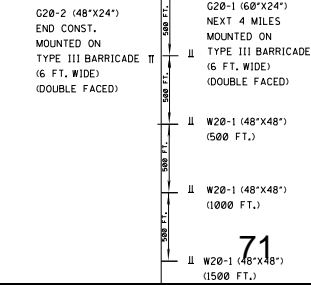
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAIL OF CONSTRUCTION SIGNING S.R. 44	
PROJECT NUMBER	SP-0179-00(022)
COUNTY:	PIKE
FILE NAME:	
DESIGN NUMBER	9
DATE	
CHECKED	
BY	
REVISION	

PROJECT NO.	SP-01688-00(013)
STATE	MISS.

NOTE: W20-1 (48"X48") WILL BE REQ'D ON ALL LOCAL ROADS.



B.O.P. STA. 53+56

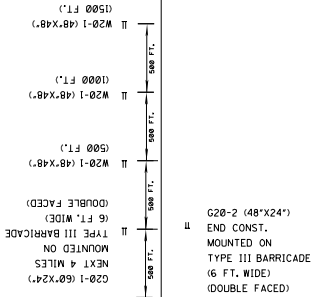


S.R. 570

S.R. 570

71

E.O.P. 378+87



G20-2 (48"X24")
END CONST.
MOUNTED ON
TYPE III BARRICADE
(6 FT. WIDE)
(DOUBLE FACED)

PIKE COUNTY LINE
AMITE COUNTY LINE

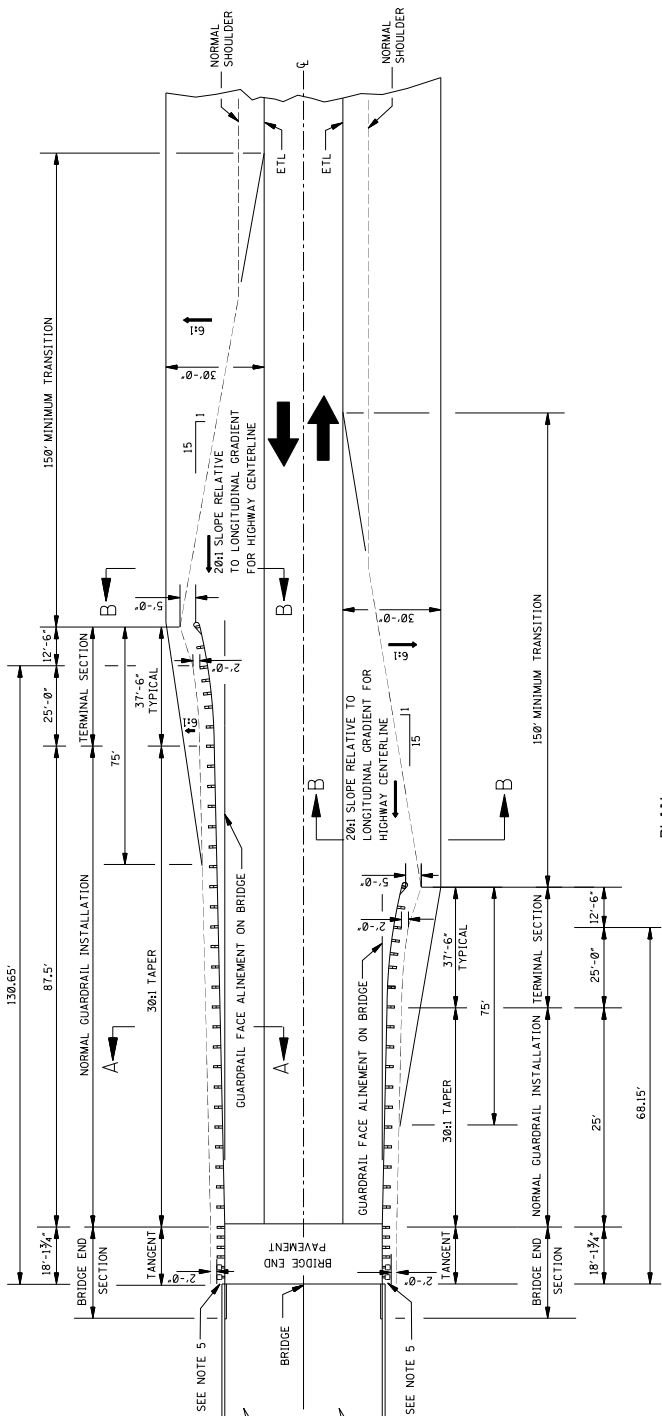
PIKE COUNTY LINE
AMITE COUNTY LINE

ADDITIONAL TRAFFIC CONTROL SIGNS REQUIRED:

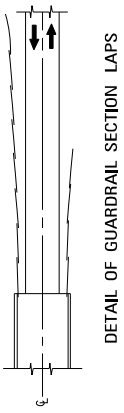
R4-1 DO NOT PASS; R4-2 PASS WITH CARE; AND W20-2 NO PASSING ZONE SIGNS ARE REQUIRED IN ALL CORNER AND SPECIFIED PASSING ZONE AREAS UNLESS OTHERWISE SPECIFIED. CONTROL DEVICES, IF AND PASSING ZONES, ARE 1,000' OR MORE, INSTALL ADDITIONAL "DO NOT PASS" & "NO PASSING ZONE" SIGNS ON MAXIMUM SPACING OF 750'.

ALL CONSTRUCTION SIGNING SHALL BE INCLUDED IN BID FOR PAY ITEM 987-618-A MAINTENANCE OF TRAFFIC. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR R-4 AND R4-2 SIGNS WHICH SHALL BE BLACK LEGEND ON WHITE BACKGROUND.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
DETAIL OF CONSTRUCTION SIGNING S.R. 570	
PROJECT NO.: SP-01688-00(013)	
COUNTY: PIKE/AMITE	
DESIGN NUMBER	DCS-1
SHEET NUMBER	10
FILE NAME:	DATE:
DESIGN TEAM	CHECKED:
BY:	REVISION:



PLAN



DETAIL OF GUARDRAIL SECTION LAPS

- GENERAL NOTES:
- VALUES FOR 'A', 'B', 'C' AND 'D' WILL BE SHOWN ELSEWHERE ON THE PLANS.
 - FOR DETAILS PERTINENT TO INSTALLATION OF THE TERMINAL SECTION, SEE MANUFACTURER'S SPECIFICATIONS AND DRAWINGS OR ELSEWHERE ON PLANS.
 - GUARDRAIL SECTIONS ARE TO BE LAPPED IN THE DIRECTION OF TRAFFIC APPROACHING THE BRIDGE.
 - THE OVERALL LENGTH OF GUARDRAIL IS MEASURED FROM THE CONNECTING END ON THE BRIDGE.
 - THE SHOULDER WIDTH AT THE BRIDGE END SHALL BE SUFFICIENTLY WIDE TO PROVIDE A MINIMUM OF 2'-0" BEHIND THE BACK OF POST BEFORE THE SLOPE BREAK (HITCH POINT).
 - TYPE, DETAILS AND LIMITS OF GUARDRAIL BRIDGE END SECTION WILL BE SHOWN ELSEWHERE ON THE PLANS.

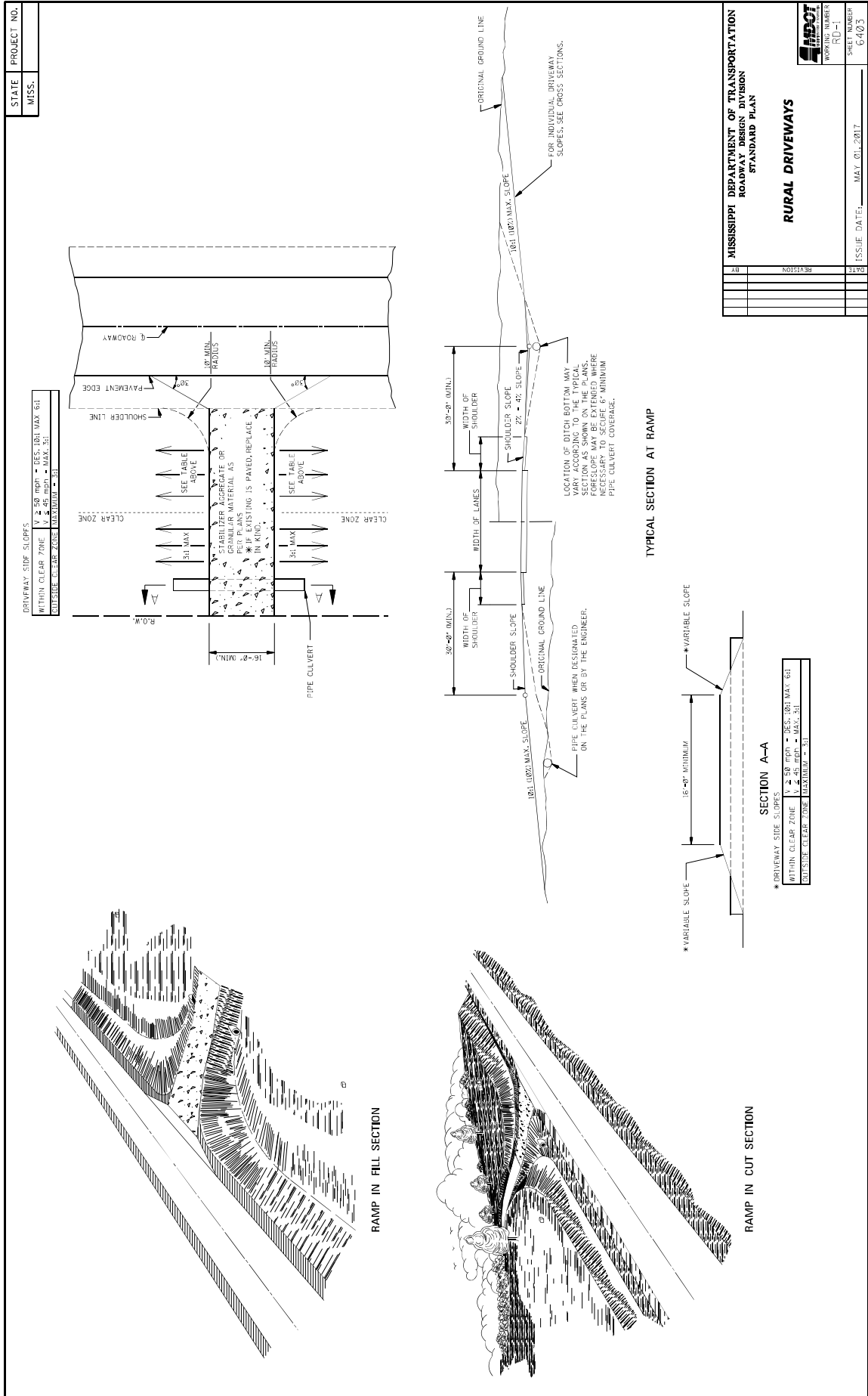
Notice to Bidders No. 366

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GUARDRAIL: TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR 2-LANE, 2-WAY HIGHWAY
 PROJ. NO.: SP-479-000(22)
 WORKING NUMBER: SP-479-000(13)
 COUNTY: PIKE/AMITE

DATE: _____
 DESIGNED BY: _____
 CHECKED BY: _____
 DATE: _____

- ⑨ 6.0" CRUSHED LIMESTONE REQ'D.
- ⑩ 6.0" EXCESS EXCAVATION REQ'D.



MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-102-2

CODE: (IS)

DATE: 11/22/2017

SUBJECT: **Bidding Requirements and Conditions**

Section 102, Bidding Requirements and Conditions, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-102.01--Prequalification of Bidders. Delete the last sentence of the third paragraph of Subsection 102.01 on page 13, and substitute the following.

The Bidder's Certificate of Responsibility number must be on file with the Department's Contract Administration Division prior to request for permission to bid.

907-102.02--Contents of Proposal Forms. Delete the fourth paragraph in Subsection 102.02 on page 13, and substitute the following.

Prospective bidders must complete an online request for permission to be eligible to bid a project. Upon approval, the bidder will be authorized to submit a bid electronically using Bid Express at <http://bidx.com>.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-103-2

CODE: (SP)

DATE: 06/22/2017

SUBJECT: Award and Execution of Contract

Section 103, Award and Execution of Contract, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-103.01--Consideration of Proposal. Delete the second and third paragraphs of Subsection 103.01 on page 19, and substitute the following.

907-103.01.1--For Projects Constructed Without Federal Funds. Resident Contractors actually domiciled in Mississippi are to be granted preference over nonresidents in awarding of Contracts financed 100% with State funds.

In consideration of proposals that are equal to or in excess of \$50,000 and financed 100% with State funds, a nonresident bidder domiciled in a state having laws granting preference to local Contractors will be considered for such contracts on the same basis as the nonresident bidder's state awards contracts to Mississippi Contractors bidding under similar circumstances. When a nonresident Contractor submits a bid equal to or in excess of \$50,000 on a contract financed 100% with State funds, a copy of the current laws from the state of domicile and an explanation thereof pertaining to treatment of nonresident Contractors shall be attached. If no preferential treatment is provided for Contractors in the state of domicile and contracts are awarded to the lowest responsible bidder, a statement to this effect shall be attached. Should the attachment not accompany the bid when submitted, the Contractor shall have 10 days following the opening of the bids to furnish the required information to the Contract Administration Director for attachment to the bid. Failure to provide the attachment within 10 days will result in the nonresident Contractor's bid being rejected and not considered for award. As used herein, the term "resident Contractor" includes a nonresident person, firm or corporation that has been qualified to do business in this State and has maintained a permanent full-time office in the State of Mississippi for two years prior to the submission of the bid, and the subsidiaries and affiliates of such a person, firm or corporation.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-105-1

CODE: (SP)

DATE: 05/07/2021

SUBJECT: Authority of the Engineer

Section 105, Control of Work, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-105.1--Authority of the Engineer. Delete the first sentence of the second paragraph of Subsection 105.01 on page 31, and substitute the following.

The Engineer has the right to suspend the work wholly or in part and to withhold payments because of the Contractor's failure to correct conditions unsafe for workmen or the general public, for failure to carry out provisions of the Contract, or for failure to carry out orders.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-108-4

CODE: (SP)

DATE: 10/07/2020

SUBJECT: Subletting of Contract

Section 108, Prosecution and Progress, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-108.01--Subletting of Contract.

907-108.01.1--General. Delete the third sentence of the tenth paragraph of Subsection 108.01.1 on the bottom of page 72.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-109-3

CODE: (SP)

DATE: 02/23/2021

SUBJECT: Measurement and Payment

Section 109, Measurement and Payment, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-109.01--Measurement of Quantities. Delete the sixth full paragraph of Subsection 109.01 on page 88, and substitute the following.

If appropriate based on the specific circumstances of the project, the Contractor may request that material specified to be measured by the cubic yard or ton be converted to the other measure. The Contractor must submit this request to the Engineer. The Engineer will provide an approval or denial in writing. The decision is in the sole discretion of the Engineer. If approved, factors for this conversion will be determined by the District Materials Engineer and agreed to by the Contractor. The conversion of the materials along with the conversion factor will be incorporated into the Contract by supplemental agreement. The supplemental agreement must be executed before such method of measurement is used.

907-109.04--Extra Work.

907-109.04.1--Supplemental Agreement. Delete the second paragraph of Subsection 109.04.1 on page 90.

907-109.06--Partial Payment.

907-109.06.2--Advancement on Materials. Delete the next to last paragraph of Subsection 109.06.2 on page 95, and substitute the following.

Materials for which an advanced payment has been allowed must be paid for by the Contractor within 30 days of the estimate on which the advanced payment was first allowed and proof of said payment must be verified by the supplier. If proof of payment is not furnished within the allowable 30 days, the advanced payment will be deducted on subsequent current estimates until such time that proof of payment is furnished.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-411-1

CODE: (IS)

DATE: 06/13/2018

SUBJECT: Material Transfer Equipment

Section 411, Ultra-Thin Asphalt Pavement, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-411.03--Construction Requirements. After Subsection 411.03.10 on page 327, add the following.

907-411.03.11--Material Transfer Equipment. Excluding the areas mentioned below, the material transferred from the hauling unit shall be remixed prior to being placed in the paver hopper or insert by using an approved Materials Transfer Device. Information on approved devices can be obtained from the State Construction Engineer. Areas excluded from this requirement include: temporary work of short duration, detours, bridge replacement projects having less than 1,000 feet of pavement on each side of the structure, acceleration and deceleration lanes less than 1,000 feet in length, tapered sections, transition sections (for width), shoulders less than 10 feet in width, crossovers, ramps, side street returns and other areas designated by the Engineer.

907-411.05--Basis of Payment. Add the “907” prefix to the pay item listed on page 328.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-420-2

CODE: (SP)

DATE: 01/17/2017

SUBJECT: Undersealing Concrete Pavement

Section 907-420, Undersealing Concrete Pavement, is hereby added to and made a part of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction as follows:

SECTION 907-420 -- UNDERSEALING CONCRETE PAVEMENT

907-420.01--Description. Undersealing concrete pavement shall consist of placing a polyurethane foam mixture beneath existing concrete pavement at the locations shown in the plans, or directed by the Engineer.

The intent of the undersealing process is to lift, underseal, and fill the voids under existing concrete pavement, or bridge end slabs. When raising concrete pavement/slabs, care shall be taken to assure that the final elevation of the concrete pavement/slab is aligned vertically with the adjacent and surrounding pavement.

907-420.02--Materials. Material for undersealing shall meet the following requirements.

<u>Properties</u>	<u>Test Value</u>	<u>Test Method</u>
Density, lbs./ft., minimum	4.0	ASTM D 1622
Tensile Strength, psi, minimum	90	ASTM D 1622
Compression Strength, psi (at yield point), minimum	80	ASTM D 1621

Material for undersealing shall achieve 90% of its compressive strength in 15 minutes.

The Contractor shall furnish the Engineer with certified test reports showing that the material meets the requirements of the specification.

907-420.03--Construction Requirements.

907-420.03.1--General. All undersealing will be done at the locations specified in the plans, or as directed by the Engineer. The equipment shall be that customarily used in undersealing. It shall consist of no less than the following:

1. A pneumatic or electric drill capable of drilling holes in the concrete pavement. The equipment shall be in satisfactory operating condition and operated in such a manner as to prevent unnecessary damage to the pavement.

2. A pump capable of injecting the high density polyurethane between the concrete pavement and the underlying material while controlling the rate of rise of the pavement.
3. A leveling unit to ensure the concrete pavement is raised to the desired elevation.

907-420.03.2--Drilling Holes. Unless otherwise shown in the plans, the injection holes shall be drilled at six to eight-foot intervals throughout the concrete pavement. The holes shall be a maximum of 3/4 inch in diameter. Any other size hole must be approved by the Engineer.

907-420.03.3--Injection Process. The nozzle of the discharge hose shall be secured in the drilled hole in a manner that provides an adequate seal during the pumping process. As the polyurethane reacts, it expands and hardens resulting in a lift of the pavement. The amount of rise shall be controlled by regulating the rate of injection. When the nozzle is removed, the hole shall be plugged or sealed to the satisfaction of the Engineer. Any excess polyurethane material shall be removed from the pavement.

A leveling device (survey level, laser level, string line, etc.) shall be used to monitor and verify the elevation of the pavement as it rises. After the pavement is raised, it shall meet a 1/4 inch in 25-foot string line requirement. The Contractor will be required to correct any pavement out of tolerance or raised in excess of the required elevation. Any necessary repairs due to out of tolerance or over height pavement shall be corrected at no additional cost to the State.

907-420.03.4--Curing Time and Opening to Traffic. Traffic shall not use the undersealed pavement within 30 minutes after the injection process has been completed. Any deposits of urethane on the pavement or shoulders shall be removed and the surface cleaned prior to opening to traffic.

907-420.04--Method of Measurement. Undersealing concrete pavement, complete and accepted, will be measured by the pound. The quantity of urethane will be based on the supplier's packaging information for the material delivered and incorporated into the project.

907-420.05--Basis of Payment. Undersealing concrete pavement, as measured above, will be paid for at the contract price per pound, which price shall include all mobilization, labor, equipment, traffic control, materials, and incidentals necessary to complete the required work.

Unless otherwise indicated in the plans, costs for maintenance of traffic and individual traffic control devices as required by the plans for undersealing operations shall be included in the unit price for undersealing and will not be measured for separate payment.

Payment will be made under:

907-420-A: Undersealing Concrete Pavement - per pound

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-619-6

CODE: (SP)

DATE: 03/21/2018

SUBJECT: Temporary Portable Rumble Strips

Section 619, Traffic Control for Construction Zones, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-619.02--Materials. After Subsection 619.02.15 on page 472, add the following.

907-619.02.16--Temporary Portable Rumble Strips. Temporary portable rumble strips shall be RoadQuake manufactured by PSS and meet the following requirements:

- capable of being installed without adhesives or bolts,
- have a minimum weight of 100 pounds,
- have a minimum overall length of 11 feet,
- have a minimum width of 12 inches, and
- have a maximum height of 3/4 inch.

Temporary portable rumble strips shall be installed in accordance with the attached details, or as directed by the Engineer.

907-619.03--Construction Requirements. After Subsection 619.03.11 on page 476, add the following.

907-619.03.16--Temporary Portable Rumble Strips. Temporary portable rumble strips shall be placed at locations shown on the traffic control plans, attached drawing, or as directed by the Engineer. The rumble strips shall be removed when lane closures are removed, relocated when lane closures are relocated, or as directed by the Engineer.

Prior to placement of the rumble strips, the roadway shall be cleaned to be free of dust, sand, and other materials that may cause slippage. The minimum roadway temperature at the time of installation shall be in accordance with manufacturer recommendations.

A minimum of three (3) temporary portable rumble strips shall be arranged in an array. The spacing of temporary portable rumble strips in each array shall be on 15-foot centers. One array of three (3) strips shall be used in each lane. The rumble strips shall be regularly monitored and maintained to ensure they stay in place under traffic.

907-619.04--Method of Measurement. At the end of Subsection 619.04 on page 478, add the following.

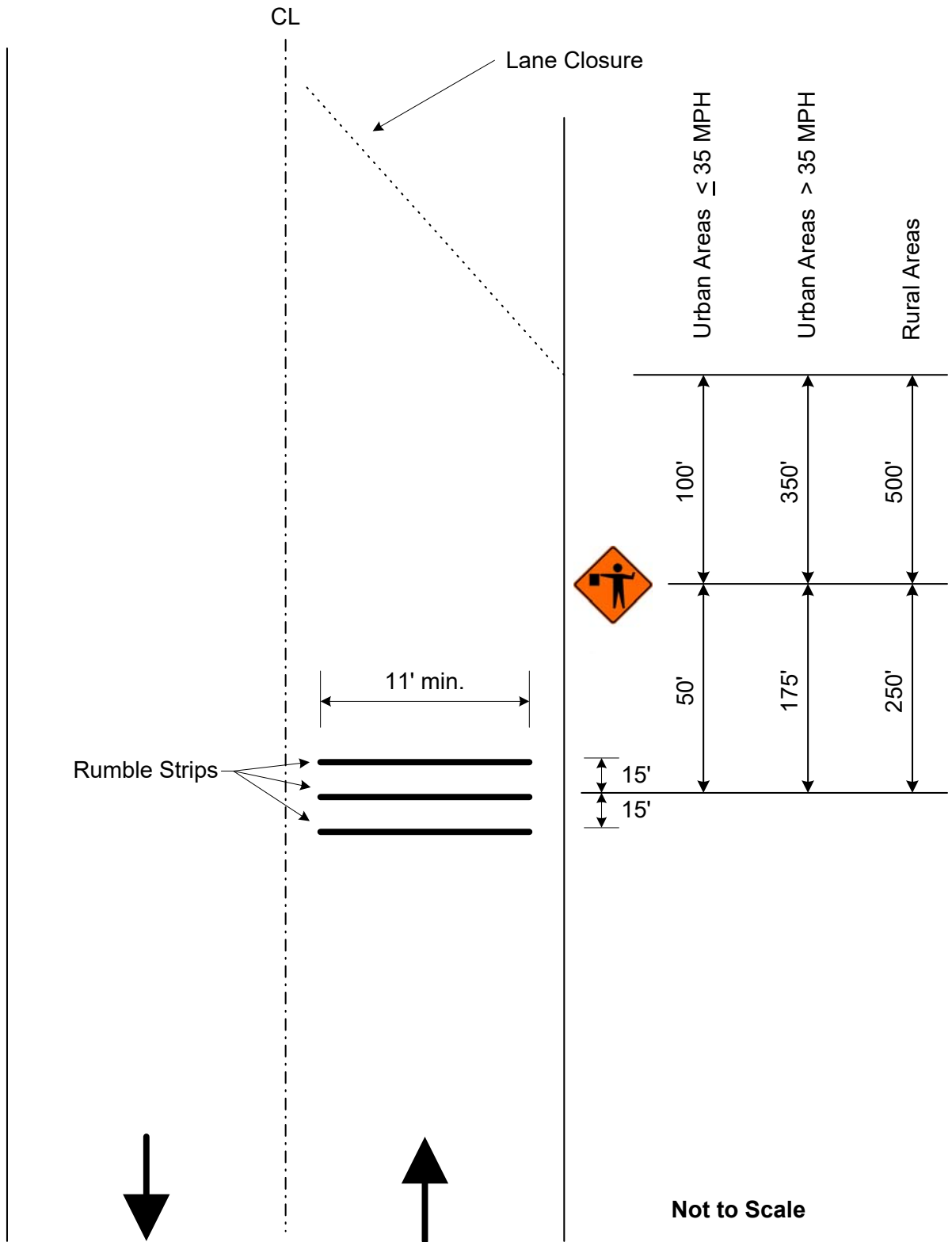
Temporary Portable Rumble Strips will be measured for payment by the linear foot only when a pay item for temporary portable rumble strips is included in the contract. Otherwise, temporary portable rumble strips will be included in the cost of pay item 618-A, Maintenance of Traffic. The quantity of temporary portable rumble strips will be the length of rumble strips approved by the Engineer to be in-place on the project at any one time.

907-619.05--Basis of Payment. After the fifth paragraph of Subsection 619.05 on page 478, add the following.

Temporary Portable Rumble Strips measured as prescribed above, will be paid for at the contract unit price per linear foot, which price shall be full compensation for cleaning the roadway surface, installing the rumble strips, maintenance and repair of the strips, cleaning and resetting of the strips, removal and replacement, and for all labor, equipment, tools, and incidentals necessary to complete the work.

After the last pay item listed on page 480, add the following.

907-619-B: Temporary Portable Rumble Strips - per linear foot



Detail of Temporary Portable Rumble Strips

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-701-3

CODE: (SP)

DATE: 05/04/2021

SUBJECT: Hydraulic Cement

Section 701, Hydraulic Cement, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-701.01--General. In the first sentence of the second paragraph of Subsection 701.01 on page 718, change “mills” to “plants.”

In the second sentence of the sixth paragraph of Subsection 701.01 on pages 718 and 719, change “shall” to “will.”

907-701.02--Portland Cement.

907-701.02.1-General.

907-701.02.1.2--Alkali Content. Delete the sentence in Subsection 701.02.1.2 on page 719, and substitute the following.

When used in portland cement concrete, the total alkali contribution from all cement types in this Subsection shall not exceed 4.0 lb. per cubic yard of concrete calculated as follows:

$$\text{lb alkali per cu Yd} = \frac{(\text{lb cement per cu Yd}) \times (\% \text{Na}_2\text{O equivalent in cement})}{100}$$

In the above calculation, the maximum cement alkali content reported on the cement mill certificate shall be used. An example calculation can be found in the Department’s *Concrete Field Manual*.

907-701.02.2--Replacement by Other Cementitious Materials. Delete the paragraph in Subsection 701.02.2 on page 719, and substitute the following.

The maximum replacement of cement by weight is 25% for fly ash or 50% for ground granulated blast furnace slag (GGBFS). Replacement contents below 20% for fly ash or 45% for GGBFS may be used, but will not be given any special considerations, such as the maximum acceptance temperature for portland cement concrete containing pozzolans in Subsection 804.02.13.1.5. Special considerations shall only apply for replacement of cement by fly ash or GGBFS.

Delete Subsection 701.02.2.1 on pages 719 and 720, and substitute the following.

907-701.02.2.1--Portland Cement Concrete Exposed to Soluble Sulfate Conditions or Seawater.

When portland cement concrete is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash or GGBFS shall be as follows in Table 1. Class C fly ash shall not be used as a replacement for cement in any of the sulfate exposure conditions listed in Table 1.

Table 1- Cementitious Materials for Soluble Sulfate Conditions or Seawater

Sulfate Exposure	Water-soluble sulfate (SO ₄) in soil, % by mass	Sulfate (SO ₄) in water, ppm	Cementitious material required
Moderate and Seawater	0.10 - 0.20	150 - 1,500	Type I cement with one of the following replacements of cement by weight: 24.5 - 25.0% Class F fly ash, or 49.5 - 50.0% GGBFS or Type II ^{**} cement
Severe	0.20 - 2.00	1,500 - 10,000	Type I cement with a replacement by weight of 49.5 - 50.0% GGBFS, or Type II [*] cement with one of the following replacements of cement by weight: 24.5 - 25.0% Class F fly ash, or 49.5 - 50.0% GGBFS

* Type III cement conforming to AASHTO M85 with a maximum 8% tricalcium aluminate (C₃A) may be used in lieu of Type II cement as allowed in Subsection 701.02.1; this cement is given the designation “Type III(MS).”

** Class F fly ash or GGBFS may be added as a replacement for cement as allowed in Subsection 907-701.02.2.

Delete Subsection 701.02.2.2 on page 720, and substitute the following.

907-701.02.2.2--Portland Cement for Soil Stabilization Exposed to Soluble Sulfate Conditions or Seawater. When portland cement for use in soil stabilization is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash or GGBFS shall meet the requirements of Subsection 701.02.2.1.

907-701.04--Blended Hydraulic Cement.

907-701.04.1--General. Delete Subsection 701.04.1.1 on page 720, and substitute the following.

907-701.04.1.1--Types of Blended Hydraulic Cement. Blended hydraulic cements (blended cements) shall be of the following types and conform to AASHTO M 240:

- Type IL – Portland-limestone cement
- Type IP – Portland-pozzolan cement
- Type IS – Portland blast-furnace slag cement

Blended cement Types IL, IP, and IS meeting the “MS” sulfate resistance requirement listed in AASHTO M 240, Table 3 shall have the “(MS)” suffix added to the type designation.

907-701.04.1.2--Alkali Content. Delete the sentence in Subsection 701.04.1.2 on page 720, and substitute the following.

All blended cement types shall be made with clinker that would result in cement meeting the requirements of Subsection 701.02.1.2 when used in the production of AASHTO M 85, Type I or Type II cement.

The blended cement manufacturer shall include the percent equivalent alkalis as Na₂O on their cement mill reports.

When calculating the total alkali contribution with blended cements, use the equivalent alkali content of the base portland cement. An example calculation for cases where blended cements are used can be found in the Department’s *Concrete Field Manual*.

907-701.04.2--Replacement by Other Cementitious Materials. Delete the paragraph in Subsection 701.04.2 on page 720, and substitute the following.

The maximum replacement of blended cement Type IL by weight is 35% for fly ash or 50% for GGBFS. Replacement contents below 20% for fly ash or 45% for GGBFS may be used, but will not be given any special considerations, such as the maximum acceptance temperature for blended cement concrete containing pozzolans in Subsection 804.02.13.1.5. Special considerations shall only apply for replacement of blended cement by fly ash or GGBFS.

No additional cementitious materials, such as portland cement, blended cement, fly ash, GGBFS, or others, shall be added to or as a replacement for blended cement Types IP and IS.

Delete Subsection 701.04.2.1 on pages 720 and 721, and substitute the following.

907-701.04.2.1--Blended Cement Concrete Exposed to Soluble Sulfate Conditions or Seawater. When blended cement concrete is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash or GGBFS shall be as follows in Table 2. Class C fly ash shall not be used as a replacement for cement in any of the sulfate exposure conditions listed in Table 2.

Table 2- Cementitious Materials for Soluble Sulfate Conditions or Seawater

Sulfate Exposure	Water-soluble sulfate (SO ₄) in soil, % by mass	Sulfate (SO ₄) in water, ppm	Cementitious material required
Moderate and Seawater	0.10 - 0.20	150 - 1,500	Type IL (MS) * cement, Type IL cement with one of the following replacements of cement by weight: 24.5 - 35.0% Class F fly ash, or 49.5 - 50.0% GGBFS, Type IP (MS) cement, or Type IS (MS) cement
Severe	0.20 - 2.00	1,500 - 10,000	Type IL cement with a replacement of cement by weight of 49.5 - 50.0% GGBFS, or Type IL (MS) cement with one of following replacements of cement by weight: 24.5 - 35.0% Class F fly ash, or 49.5 - 50.0% GGBFS

* Class F fly ash or GGBFS may be added as a replacement for cement as allowed in Subsection 907-701.04.2.

Delete Subsection 701.04.2.2 on page 721, and substitute the following.

907-701.04.2.2--Blended Cement for Soil Stabilization Exposed to Soluble Sulfate Conditions or Seawater. When blended cement for use in soil stabilization is exposed to moderate or severe soluble sulfate conditions, or to seawater, cement types and replacement of cement by Class F fly ash or GGBFS shall meet the requirements of Subsection 701.04.2.1.

Delete Subsection 701.04.3 on page 721.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-702-4

CODE: (IS)

DATE: 09/11/2018

SUBJECT: Bituminous Materials

Section 702, Bituminous Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-702.04--Sampling. Delete the sentence in Subsection 702.04 on page 722, and substitute the following.

Sampling of bituminous materials shall be as set out in AASHTO R 66.

907-702.07--Emulsified Asphalt. Delete the last sentence in Subsection 702.07 on page 724, and substitute the following.

Asphalt for fog seal shall conform to the requirements of Subsection 907-702.12, Table V.

907-702.12--Tables. Delete Table V in Subsection 702.12 on page 729, and substitute the following.

**TABLE V
SPECIFICATION FOR FOG SEAL**

Test Requirements	LD-7		CHPF-1		Test Method
	Min.	Max.	Min.	Max.	
Viscosity, Saybolt Furol, @ 25°C, Sec.	10	100	-	100	AASHTO T 72
Storage Stability Test, 24 hr, %	-	1	-	1	AASHTO T 59
Settlement, 5 day, %	-	5	-	-	AASHTO T 59
Oil Distillate, %	-	1	-	-	AASHTO T 59
Sieve Test, % *	-	0.3	-	0.1	AASHTO T 59
Residue by Distillation, %	40	-	40	-	AASHTO T 59
Test on Residue from Distillation					
Penetration @ 25°C, 100g, 5 sec	-	20	40	90	AASHTO T 49
Softening Point, °C	65	-	-	-	ASTM D 36
Solubility in trichloroethylene, %	97.5	-	-	-	AASHTO T 44
Elastic Recovery @ 25°C, %	-	-	40	-	AASHTO T 301
Original DSR @ 82° (G*/Sinδ, 10 rad/sec)	1	-	-	-	AASHTO T 111

* The Sieve Test result is tested for reporting purposes only and may be waived if no application problems are present in the field.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-703-1

CODE: (IS)

DATE: 06/13/2018

SUBJECT: Gradation

Section 703, Aggregates, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-703.03--Course Aggregates for Hydraulic Cement Concrete.

907-703.03.2--Detail Requirements.

907-703.03.2.4--Gradation. In the table in Subsection 703.03.2.4 on page 734, add 100 for the percent passing by weight on the 1½-inch sieve for Size No. 67 aggregates.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-705-1

CODE: (IS)

DATE: 06/13/2018

SUBJECT: Stone Riprap

Section 705, Stone Blanket Protection and Filter Blanket Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-705.04--Stone Riprap. Delete the last sentence of the first paragraph of Subsection 705.04 on page 750, and substitute the following.

Quality requirements for rock to be furnished under these specifications will come from a pre-approved source and be visually approved prior to use.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-707-2

CODE: (IS)

DATE: 06/05/2019

SUBJECT: Joint Materials

Section 707, Joint Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-707.02.3--Wood. Delete paragraph (b) of Subsection 707.02.3 on page 755, and substitute the following:

- (b) Dimensions shall be as shown on the plans. Dimensions shown on the plans are “dressed” sizes in accordance with Table 3 of the American Softwood Lumber Standard, SP-20. At the discretion of the Engineer, a 3/4-inch dressed board may be used in lieu of a 1-inch dressed board. A tolerance of plus or minus 1/16 inch thickness and plus or minus 1/8 inch width will be permitted. For slip-form paving a tolerance of minus 1/4 inch on each end in length will be permitted.

907-707.06--Flexible Plastic Gasket for Joining Conduit. Delete the third paragraph of Subsection 707.06 on page 756, and substitute the following.

The Department may require the performance test described in ASTM C 990.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-711-2

CODE: (IS)

DATE: 09/11/2018

SUBJECT: Plain Steel Wire

Section 711, Reinforcement and Wire Rope, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-711.02--Deformed and Plain Carbon-Steel Bars for Concrete Reinforcing.

907-711.02.3--Steel Welded and Non-Welded Wire Reinforcement, Plain and Deformed, for Concrete.

907-711.02.3.1--Plain Steel Wire. Delete the sentence in Subsection 711.02.3.1 on pages 780 and 781, and substitute the following.

Plain steel wire and plain steel welded wire shall conform to the requirements of AASHTO M 336.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-714-2

CODE: (SP)

DATE: 06/29/2021

SUBJECT: Miscellaneous Materials

Section 714, Miscellaneous Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-714.01--Water.

907-714.01.1--General. Delete the last sentence of the second paragraph in Subsection 714.01.1 on page 794.

907-714.01.2--Water for Use in Concrete. Delete Subsection 714.01.2 on page 794, and substitute the following:

Water from municipal sources is permitted be used as mixing water in concrete, mortar, and grout without Department testing. Water from non-municipal water sources used in mixing of concrete, mortar, and grout which does not meet the requirements in Subsection 714.01.1 shall be tested for conformance as required in AASHTO M157, Table 1 and Table 2.

907-714.01.3--Water for Use in Chemically Stabilized Based. Delete the first sentence of first paragraph in Subsection 714.01.3 on page 794, and substitute the following:

Water used in the construction of bases that contain cement, lime, or other chemical additive shall be as set out in Subsection 714.01.1. Water from municipal sources is permitted to be used without testing for conformance to the requirements below. If water is not from a municipal source, it shall not contain impurities in excess of the following limits:

Delete Subsection 714.01.6 on page 795, and substitute the following.

907-714.01.6--Blank.

907-714.13--Geotextiles.

907-714.13.11--Tables. Delete Table 1 in Subsection 714.13.11 on page 813, and substitute the following.

Table 1 - Geotextiles

Type Designation	I ¹	II ¹	III	IV	V		VI		VII		VIII	IX
					Separation & Drainage	Separation, Stabilization & Reinforcement	Woven	Non-Woven	Woven	Non-Woven		
Physical Property²												
Grab Strength (lb)	50	90	110	90	200	280	180	450	280	ASTM D 4632		
Elongation (%)	----	50% max @ 45 lb	20% min	50% min @ break	50% min	50% max	50% Min	50% max	50% Min	ASTM D 4632		
Seam Strength (lb)	----	----	70	----	180	240	160	400	240	ASTM D 4632		
Puncture Strength (lb)	----	----	40	----	80	110	75	180	115	ASTM D 6241		
Trapezoidal Tear (lb)	----	----	40	----	80	100	70	150	100	ASTM D 4533		
Asphalt Retention (gal/yd ²)	----	----	----	0.2	----	----	----	----	----	ASTM D 6140		
Permittivity (sec ⁻¹) min	0.05	0.05	0.5	----	0.2	0.2	0.2	0.2	0.2	ASTM D 4491		
AOS Woven (mm) max	0.60	0.60	0.6	----	0.6	0.43	----	0.43	----	ASTM D 4751		
AOS Non-Woven (mm) max	0.84	0.84	0.43	----	0.43	----	0.43	----	0.43			
Tensile Strength after UV (% Retained)	70% @ 500 hr	70% @ 500 hr	50% @ 500 hr	----	50% @ 500 hr	50% @ 500 hr	50% @ 500 hr	50% @ 500 hr	50% @ 500 hr	ASTM D 4355		
Melting Point °(F)	----	----	----	325	----	----	----	----	----	ASTM D 276		
Minimum Ultimate Tensile Strength ³ (lb/in)	----	----	----	----	----	----	----	----	660	2000		

Notes: 1 - All property values, with the exception of apparent opening size (AOS), represent minimum average roll values in the weakest principal direction. Values for AOS represent the maximum average roll values, 2 - Values not identified in this table should meet manufacturer certification for the use and application, 3- Machine direction

Delete Subsection 714.15 on pages 816 and 817 and substitute the following.

907-714.15--Geogrids.

907-714.15.1--General. A geogrid is defined as a geosynthetic formed by a regular network of connected elements with apertures greater than 0.25 inch to allow interlocking with surrounding soil, rock, and other surrounding materials to function primarily as reinforcement.

Geogrid shall be manufactured from an expanded strain hardened monolithic polymer sheet composed of one or more synthetic polymers and shall be mildew resistant and inert to biological degradation and naturally encountered chemicals, alkalis and acids. The geogrid shall contain stabilizers and/or inhibitors, or a resistance finish or covering to make it resistant to deterioration from direct sunlight, ultraviolet rays, and heat.

Geogrid manufacturers shall participate in and be in compliance with the American Association of State Highway Transportation Officials (AASHTO) National Transportation Product Evaluation Program's (NTPEP) Geosynthetics audit program. Geogrid shall meet the requirements of Table II for the application and type shown on the plans and shall be selected from the Department's Approved Lists.

907-714.15.1.1--Geogrid for Retaining Walls and Reinforced Soil Slopes. Geogrid for retaining walls and reinforced soil slopes shall be creep tested in accordance with AASHTO R69 and meet Long Term Design Load, Minimum Ultimate Tensile Strength, and open area criteria listed in Table II. Manufacturers shall perform at least one long-term creep test for no less than 10,000 hours in accordance to ASTM D 5262 for each polymer or composition of polymers from which the geogrid is produced. The long-term design load that shall be reported for design use, shall be that load at which no more than 10% strain occurs over a 100-year design life of the geogrid, as calculated in accordance with AASHTO R69. Long-term design loads shall be reported unfactored, and the AASHTO strength reduction factors (Durability and Installation, and safety factors) will be considered by the Department's Geotechnical Branch on a site specific design basis.

907-714.15.1.2--Geogrid for Subgrade Stabilization. Geogrid for subgrade stabilization shall meet Minimum Ultimate Tensile Strength and open area criteria listed in Table II.

907-714.15.2--Marking, Shipment, and Storage. Each roll or container of geogrid shall be visibly labeled with the name of the manufacturer, trade name of the product, lot number, and quantity of material. In addition, each roll or container shall be clearly tagged to show the type designation that corresponds to that required by the plans. During shipment and storage the geogrid shall be protected from direct sunlight, and temperatures above 120°F or below 0°F. The geogrid shall either be wrapped and maintained in a heavy duty protective covering or stored in a safe enclosed area to protect from damage during prolonged storage.

907-714.15.3--Manufacturer Certification. The Contractor shall furnish the Engineer three copies of the manufacturer's certified test reports indicating that the geogrid furnished conforms

to the requirements of the specifications and is of the same composition as the originally approved by the Department.

907-714.15.4--Acceptance Sampling and Testing. Final acceptance of each shipment will be based upon results of tests performed by the Department on verification samples submitted from the project, as compared to the manufacturer's certified test reports. The Engineer will select one roll or container at random from each shipment for sampling. As sample extending full width of the randomly selected roll or container and being at least five (5) square yards in area will be obtained and submitted by the Engineer. All material samples shall be provided at no cost to the State.

**TABLE II
GEOGRIDS**

Physical Properties	Type Designation						Test Method
	I	II	III	IV	V	VI	
Long Term Design Load ¹ , pounds per foot, Machine Direction	250	500	750	1500	2500	3500	AASHTO R69, ASTM D5262
Minimum Ultimate Tensile Strength ² , pounds per foot, Machine Direction	500	1000	1500	3000	5000	7000	ASTM D6637
Open Area, percent	70	70	50	50	50	50	Direct Measurement

¹ Minimum design criteria requirement.

² Minimum Average Roll Value (MARV).

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-720-2

CODE: (IS)

DATE: 09/11/2018

SUBJECT: Acceptance Procedure for Glass Beads

Section 720, Pavement Marking Materials, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-720.01--Glass Beads.

907-720.01.4--Acceptance Procedures. Delete the last sentence of the paragraph in Subsection 720.01.4 on page 841, and substitute the following.

Acceptance sampling and testing of glass beads will be in accordance with the Department's Materials Division Inspection, Testing, and Certification Manual, Section 2.9.2 -- Glass Beads.

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION NO. 907-721-2

CODE: (IS)

DATE: 01/08/2020

SUBJECT: Materials for Signing

Section 721, Materials for Signing, of the 2017 Edition of the Mississippi Standard Specifications for Road and Bridge Construction is hereby amended as follows.

907-721.06--Reflective Sheeting.

907-721.06.2--Performance Requirements. Delete Table 4 and Table 5 in Subsection 721.06.2 on pages 860 & 861, and substitute the following.

**MINIMUM COEFFICIENTS OF RETROREFLECTION
Candela per foot candle per square foot (cd/ft²)
Per ASTM Designation D4956**

**TABLE 4
Type IX Sheeting**

Observation Angle	Entrance Angle	White	Yellow	Green	Red	Blue	Fluorescent Yellow/Green	Fluorescent Yellow	Fluorescent Orange
0.2°	-4.0°	380	285	38	76	17	300	230	115
0.2°	+30.0°	215	162	22	43	10	170	130	65
0.5°	-4.0°	240	180	24	48	11	190	145	72
0.5°	+30.0°	135	100	14	27	6.0	110	81	41
1.0°	-4.0°	80	60	8.0	16	3.6	64	48	24
1.0°	+30.0°	45	34	4.5	9.0	2.0	36	27	14

**TABLE 5
Type XI Sheeting**

Observation Angle	Entrance Angle	White	Yellow	Green	Red	Blue	Brown	Fluorescent Yellow/Green	Fluorescent Yellow	Fluorescent Orange
0.2°	-4.0°	580	435	58	87	26	17	460	350	175
0.2°	+30.0°	220	165	22	33	10	7.0	180	130	66
0.5°	-4.0°	420	315	42	63	19	13	340	250	125
0.5°	+30.0°	150	110	15	23	7.0	5.0	120	90	45
1.0°	-4.0°	120	90	12	18	5.0	4.0	96	72	36
1.0°	+30.0°	45	34	5.0	7.0	2.0	1.0	36	27	14

SECTION 905 - PROPOSAL

Date _____

Mississippi Transportation Commission
Jackson, Mississippi

Sirs: The following proposal is made on behalf of _____
_____ of _____

for constructing the following designated project(s) within the time(s) hereinafter specified.

The plans are composed of drawings and blue prints on file in the offices of the Mississippi Department of Transportation, Jackson, Mississippi.

The Specifications are the current Standard Specifications of the Mississippi Department of Transportation approved by the Federal Highway Administration, except where superseded or amended by the plans, Special Provisions and Notice(s) to Bidders attached hereto and made a part thereof.

I (We) certify that I (we) possess a copy of said Standard and any Supplemental Specifications.

Evidence of my (our) authority to submit the Proposal is hereby furnished. The proposal is made without collusion on the part of any person, firm or corporation. I (We) certify that I (we) have carefully examined the Plans, the Specifications, including the Special Provisions and Notice(s) to Bidders, herein, and have personally examined the site of the work. On the basis of the Specifications, Special Provisions, Notice(s) to Bidders, and Plans, I (we) propose to furnish all necessary machinery, tools, apparatus and other means of construction and do all the work and furnish all the materials in the manner specified. I (We) understand that the quantities mentioned herein are approximate only and are subject to either increase or decrease, and hereby propose to perform any increased or decreased quantities of work at the unit prices bid, in accordance with the above.

I (We) acknowledge that this proposal will be found irregular and/or non-responsive unless a certified check, cashier's check, or Proposal Guaranty Bond in the amount as required in the Advertisement (or, by law) is submitted electronically with the proposal or is delivered to the Contract Administration Engineer prior to the bid opening time specified in the advertisement.

INSTRUCTION TO BIDDERS: Alternate and Optional Items on Bid Schedule.

1. Two or more items entered opposite a single unit quantity WITHOUT DEFINITE DESIGNATION AS "ALTERNATE ITEMS" are considered as "OPTIONAL ITEMS". Bidders may or may not indicate on bids the Optional Item proposed to be furnished or performed WITHOUT PREJUDICE IN REGARD TO IRREGULARITY OF BIDS.
2. Items classified on the bid schedule as "ALTERNATE ITEMS" and/or "ALTERNATE TYPES OF CONSTRUCTION" must be preselected and indicated on bids. However, "Alternate Types of Construction" may include Optional Items to be treated as set out in Paragraph 1, above.
3. Optional items not preselected and indicated on the bid schedule MUST be designated in accordance with Subsection 102.06 prior to or at the time of execution of the contract.
4. Optional and Alternate items designated must be used throughout the project.

I (We) further propose to perform all "force account or extra work" that may be required of me (us) on the basis provided in the Specifications and to give such work my (our) personal attention in order to see that it is economically performed.

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) shall submit electronically with our proposal or deliver prior to the bid opening time 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.

SECTION 905 -- PROPOSAL (CONTINUED)

I (We) hereby certify by digital signature and electronic submission via Bid Express of the Section 905 proposal below, that all certifications, disclosures and affidavits incorporated herein are deemed to be duly executed in the aggregate, fully enforceable and binding upon delivery of the bid proposal. I (We) further acknowledge that this certification shall not extend to the bid bond or alternate security which must be separately executed for the benefit of the Commission. This signature does not cure deficiencies in any required certifications, disclosures and/or affidavits. I (We) also acknowledge the right of the Commission to require full and final execution on any certification, disclosure or affidavit contained in the proposal at the Commission's election upon award. Failure to so execute at the Commission's request within the time allowed in the Standard Specifications for execution of all contract documents will result in forfeiture of the bid bond or alternate security.

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.

Proposal(Sheet 2-1)

Amite & Pike

Thin Lift Overlay approximately 5 miles on SR 570 from west of Thompson Rd. to Natchez Dr. & approximately 4 miles on SR 44 from Locust St. to the Bogue Chitto River, known as State Project Nos. SP-0168-00(013) / 108888301, SP-0179-00(022) / 108887301 & SP-0168-00(013) / 108888302 in Amite & Pike Counties.

Line no.	Item Code	Adj Code	Quantity	Units	Description[Fixed Unit Price]
Roadway Items					
0010	202-B240		1,724	Linear Feet	Removal of Traffic Stripe
0020	203-G002	(E)	96	Cubic Yard	Excess Excavation, LVM, AH
0030	304-A008	(GY)	3,660	Cubic Yard	Granular Material, LVM, Class 6, Group D
0040	406-D001		26,618	Square Yard	Fine Milling of Bituminous Pavement, All Depths
0050	407-A001	(A2)	27,737	Gallon	Asphalt for Tack Coat
0060	412-A001		3,756	Square Feet	Pre-Grinding (\$3.25)
0070	423-A001		13	Mile	Rumble Strips, Ground In
0080	618-A001		1	Lump Sum	Maintenance of Traffic
0090	618-B001		3	Square Feet	Additional Construction Signs (\$10.00)
0100	619-A1001		22	Mile	Temporary Traffic Stripe, Continuous White
0110	619-A1002		16	Linear Feet	Temporary Traffic Stripe, Continuous White
0120	619-A2001		26	Mile	Temporary Traffic Stripe, Continuous Yellow
0130	619-A4002		7	Mile	Temporary Traffic Stripe, Skip Yellow
0140	619-A5001		38,840	Linear Feet	Temporary Traffic Stripe, Detail
0150	619-A6001		845	Square Feet	Temporary Traffic Stripe, Legend
0160	619-A6002		9,804	Linear Feet	Temporary Traffic Stripe, Legend
0170	620-A001		1	Lump Sum	Mobilization
0180	626-C002		19	Mile	6" Thermoplastic Double Drop Edge Stripe, Continuous White
0190	626-D001		4	Mile	6" Thermoplastic Double Drop Traffic Stripe, Skip Yellow
0200	626-E001		14	Mile	6" Thermoplastic Double Drop Traffic Stripe, Continuous Yellow
0210	626-G002		20,284	Linear Feet	Thermoplastic Detail Stripe, White
0220	626-G003		6,383	Linear Feet	Thermoplastic Detail Stripe, Yellow
0230	626-H004		845	Square Feet	Thermoplastic Legend, White
0240	626-H005		7,907	Linear Feet	Thermoplastic Legend, White
0250	627-J001		1,265	Each	Two-Way Clear Reflective High Performance Raised Markers
0260	627-K001		116	Each	Red-Clear Reflective High Performance Raised Markers
0270	627-L001		2,052	Each	Two-Way Yellow Reflective High Performance Raised Markers
0280	627-P001		12	Each	Two-Way Blue Reflective High Performance Raised Markers
0290	907-411-A001	(BA1)	10,078	Ton	Ultra Thin Asphalt Pavement
0300	907-411-A001	(BA1)	5,071	Ton	Ultra Thin Asphalt Pavement Leveling
0310	907-420-A002		4,500	Pounds	Undersealing Concrete Pavement
0320	907-619-B001		198	Linear Feet	Temporary Portable Rumble Strips
ALTERNATE GROUP AA NUMBER 1					
0330	304-H001	(GY)	119	Cubic Yard	3/4" and Down Crushed Stone Base, LVM
ALTERNATE GROUP AA NUMBER 2					
0340	304-H002	(GY)	119	Cubic Yard	Size 610 Crushed Stone Base, LVM

Section 905

SP-0179-00(022)/ 108887301000, SP-0168-00(013)/ 108888301000 & SP-0168-00(013)/ 108888302000

Proposal(Sheet 2-2)

Amite & Pike

Line no.	Item Code	Adj Code	Quantity	Units	Description	Fixed Unit Price
					ALTERNATE GROUP AA NUMBER 3	
0350	304-H003	(GY)	119	Cubic Yard	Size 825B Crushed Stone Base, LVM	

For Informational Purposes Only

SECTION 905 - COMBINATION BID PROPOSAL (Continued)

CONDITIONS FOR COMBINATION BID

If a bidder elects to submit a combined bid for two or more of the contracts listed for this month's letting, the bidder must complete and execute these sheets of the proposal in each of the individual proposals to constitute a combination bid. In addition to this requirement, each individual contract shall be completed, executed and submitted in the usual specified manner.

Failure to execute this Combination Bid Proposal in each of the contracts combined will be just cause for each proposal to be received and evaluated as a separate bid.

It is understood that the Mississippi Transportation Commission not only reserves the right to reject any and all proposals, but also the right to award contracts upon the basis of lowest separate bids or combination bids most advantageous to the State.

It is further understood and agreed that the Combination Bid Proposal is for comparison of bids only and that each contract shall operate in every respect as a separate contract in accordance with its proposal and contract documents.

I (We) agree to complete each contract on or before its specified completion date.

COMBINATION BID PROPOSAL

This proposal is tendered as one part of a Combination Bid Proposal utilizing option ___* of Subsection 102.11 on the following contracts:

* Option to be shown as either (a), (b), or (c).

	<u>Project No.</u>	<u>County</u>	<u>Project No.</u>	<u>County</u>
1.	_____	_____	6.	_____
2.	_____	_____	7.	_____
3.	_____	_____	8.	_____
4.	_____	_____	9.	_____
5.	_____	_____	10.	_____

(a) If Combination A has been selected, your Combination Bid is complete.

(b) If Combination B has been selected, then complete the following page.

SECTION 905 - COMBINATION BID PROPOSAL (Continued)

Project Number	Pay Item Number	Unit	Unit Price Reduction	Total Item Reduction	Total Contract Reduction
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					

For Informational Purposes Only

SECTION 905 - COMBINATION BID PROPOSAL (Continued)

Project Number	Pay Item Number	Unit	Unit Price Reduction	Total Item Reduction	Total Contract Reduction
9.					
10.					

(c) If Combination C has been selected, then initial and complete ONE of the following.

_____ I (We) desire to be awarded work not to exceed a total monetary value of \$ _____.

_____ I (We) desire to be awarded work not to exceed _____ number of contracts.



TO: EXECUTIVE DIRECTOR, MISSISSIPPI DEPARTMENT OF TRANSPORTATION
JACKSON, MISSISSIPPI

CERTIFICATE

If awarded this contract, I (we) contemplate that portions of the contract will be sublet. I (we) certify that those subcontracts which are equal to or in excess of fifty thousand dollars (\$50,000.00) will be in accordance with regulations promulgated and adopted by the Mississippi State Board of Contractors on September 8, 2011.

I (we) agree that this notification of intent DOES NOT constitute APPROVAL of the subcontracts.

_____	_____
(Individual or Firm)	(Address)
_____	_____
(Individual or Firm)	(Address)
_____	_____
(Individual or Firm)	(Address)
_____	_____
(Individual or Firm)	(Address)

NOTE: Failure to complete the above DOES NOT preclude subsequent subcontracts. Subsequent subcontracts, if any, equal to or in excess of fifty thousand dollars (\$50,000.00) will be in accordance with regulations promulgated and adopted by the Mississippi State Board of Contractors on September 8, 2011.

Contractor _____

MISSISSIPPI DEPARTMENT OF TRANSPORTATION
CERTIFICATION

I, _____,
(Name of person signing bid)

individually, and in my capacity as _____ of
(Title of person signing bid)

(Name of Firm, partnership, or Corporation)

do hereby certify under penalty of perjury under the laws of the United States and the State of Mississippi

that _____, Bidder
(Name of Firm, Partnership, or Corporation)

on Project No. **SP-0179-00(022)/ 108887301000, SP-0168-00(013)/ 108888301000 & SP-0168-00(013)/ 108888302000**

in **Amite & Pike** County(ies), Mississippi, has not either directly or indirectly entered into any agreement, participated in any collusion; or otherwise taken any action in restraint of free competitive bidding in connection with this contract; nor have any of its corporate officers or principal owners.

Except as noted hereafter, it is further certified that said legal entity and its corporate officers, principal owners, managers, auditors and others in a position of administering federal funds are not currently under suspension, debarment, voluntary exclusion or determination of ineligibility; nor have a debarment pending; nor been suspended, debarred, voluntarily excluded or determined ineligible within the past three years by the Mississippi Transportation Commission, the State of Mississippi, any other State or a federal agency; nor been indicted, convicted or had a civil judgment rendered by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past three years.

Do exceptions exist and are made a part thereof? Yes / No

Any exceptions shall address to whom it applies, initiating agency and dates of such action.

Note: Exceptions will not necessarily result in denial of award but will be considered in determining bidder responsibility. Providing false information may result in criminal prosecution or administrative sanctions.

All of the foregoing is true and correct.

(1/2016 S)

SECTION 902

CONTRACT FOR SP-0179-00(022)/ 108887301000, SP-0168-00(013)/ 108888301000 & SP-0168-00(013)/ 108888302000

LOCATED IN THE COUNTY(IES) OF Amite & Pike

STATE OF MISSISSIPPI,
COUNTY OF HINDS

This contract entered into by and between the Mississippi Transportation Commission on one hand, and the undersigned contractor, on the other witnesseth;

That, in consideration of the payment by the Mississippi Transportation Commission of the prices set out in the proposal hereto attached, to the undersigned contractor, such payment to be made in the manner and at the time of times specified in the specifications and the special provisions, if any, the undersigned contractor hereby agrees to accept the prices stated in the proposal in full compensation for the furnishing of all materials and equipment and the executing of all the work contemplated in this contract.

It is understood and agreed that the advertising according to law, the Advertisement, the instructions to bidders, the proposal for the contract, the specifications, the revisions of the specifications, the special provisions, and also the plans for the work herein contemplated, said plans showing more particularly the details of the work to be done, shall be held to be, and are hereby made a part of this contract by specific reference thereto and with like effect as if each and all of said instruments had been set out fully herein in words and figures.

It is further agreed that for the same consideration the undersigned contractor shall be responsible for all loss or damage arising out of the nature of the work aforesaid; or from the action of the elements and unforeseen obstructions or difficulties which may be encountered in the prosecution of the same and for all risks of every description connected with the work, exceptions being those specifically set out in the contract; and for faithfully completing the whole work in good and workmanlike manner according to the approved Plans, Specifications, Special Provisions, Notice(s) to Bidders and requirements of the Mississippi Department of Transportation.

It is further agreed that the work shall be done under the direct supervision and to the complete satisfaction of the Executive Director of the Mississippi Department of Transportation, or his authorized representatives, and when Federal Funds are involved subject to inspection at all times and approval by the Federal Highway Administration, or its agents as the case may be, or the agents of any other Agency whose funds are involved in accordance with those Acts of the Legislature of the State of Mississippi approved by the Governor and such rules and regulations issued pursuant thereto by the Mississippi Transportation Commission and the authorized Federal Agencies.

The Contractor agrees that all labor as outlined in the Special Provisions may be secured from list furnished by

It is agreed and understood that each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and this contract shall be read and enforced as though it were included herein, and, if through mere mistake or otherwise any such provision is not inserted, then upon the application of either party hereto, the contract shall forthwith be physically amended to make such insertion.

The Contractor agrees that he has read each and every clause of this Contract, and fully understands the meaning of same and that he will comply with all the terms, covenants and agreements therein set forth.

Witness our signatures this the ___ day of _____, _____.

Contractor(s)

By _____

MISSISSIPPI TRANSPORTATION COMMISSION

Title _____

By _____

Signed and sealed in the presence of:
(names and addresses of witnesses)

Executive Director

Secretary to the Commission

Award authorized by the Mississippi Transportation Commission in session on the ___ day of _____, _____, Minute Book No. _____, Page No. _____.

Revised 8/06/2003

SECTION 903
PERFORMANCE AND PAYMENT BOND

CONTRACT BOND FOR: SP-0179-00(022)/ 108887301000, SP-0168-00(013)/ 108888301000 & SP-0168-00(013)/ 108888302000

LOCATED IN THE COUNTY(IES) OF: Amite & Pike

STATE OF MISSISSIPPI,
COUNTY OF HINDS

Know all men by these presents: that we, _____
(Contractor)
_____ Principal, a _____

residing at _____ in the State of _____

and _____

(Surety)
residing at _____ in the State of _____,

authorized to do business in the State of Mississippi, under the laws thereof, as surety, effective as of the contract date shown below, are held and firmly bound unto the State of Mississippi in the sum of _____

_____ Dollars, lawful money of the United States of America, to be paid to it for which payment well and truly to be made, we bind ourselves, our heirs, administrators, successors, or assigns jointly and severally by these presents.

The conditions of this bond are such, that whereas the said _____

_____ principal, has (have) entered into a contract with the Mississippi Transportation Commission, bearing the date of _____ day of _____ A.D. _____ hereto annexed, for the construction of certain projects(s) in the State of Mississippi as mentioned in said contract in accordance with the Contract Documents therefor, on file in the offices of the Mississippi Department of Transportation, Jackson, Mississippi.

Now therefore, if the above bounden _____ in all things shall stand to and abide by and well and truly observe, do keep and perform all and singular the terms, covenants, conditions, guarantees and agreements in said contract, contained on his (their) part to be observed, done, kept and performed and each of them, at the time and in the manner and form and furnish all of the material and equipment specified in said contract in strict accordance with the terms of said contract which said plans, specifications and special provisions are included in and form a part of said contract and shall maintain the said work contemplated until its final completion and acceptance as specified in Subsection 109.11 of the approved specifications, and save harmless said Mississippi Transportation Commission from any loss or damage arising out of or occasioned by the negligence, wrongful or criminal act, overcharge, fraud, or any other loss or damage whatsoever, on the part of said principal (s), his (their) agents, servants, or employees in the performance of said work or in any manner connected therewith, and shall be liable and responsible in a civil action instituted by the State at the instance of the Mississippi Transportation Commission or any officer of the State authorized in such cases, for double any amount in money or property, the State may lose or be overcharged or otherwise defrauded of, by reason of wrongful or criminal act, if any, of the Contractor(s), his (their) agents or employees, and shall promptly pay the said agents, servants and employees and all persons furnishing labor, material, equipment or supplies therefor, including premiums incurred, for Surety Bonds, Liability Insurance, and Workmen's Compensation Insurance; with the additional obligation that such Contractor shall promptly make payment of all taxes, licenses, assessments, contributions, damages,

any liquidated damages which may arise prior to any termination of said principal's contract, any liquidated damages which may arise after termination of the said principal's contract due to default on the part of said principal, penalties and interest thereon, when and as the same may be due this state, or any county, municipality, board, department, commission or political subdivision: in the course of the performance of said work and in accordance with Sections 31-5-51 et seq. Mississippi Code of 1972, and other State statutes applicable thereto, and shall carry out to the letter and to the satisfaction of the Executive Director of the Mississippi Department of Transportation, all, each and every one of the stipulations, obligations, conditions, covenants and agreements and terms of said contract in accordance with the terms thereof and all of the expense and cost and attorney's fee that may be incurred in the enforcement of the performance of said contract, or in the enforcement of the conditions and obligations of this bond, then this obligation shall be null and void, otherwise to be and remain in full force and virtue.

_____	_____
(Contractors) Principal	Surety
By _____	By _____
	(Signature) Attorney in Fact
	Address _____

Title _____	_____
(Contractor's Seal)	(Printed) MS Agent

	(Signature) MS Agent
	Address _____

	(Surety Seal)

	Mississippi Insurance ID Number



BID BOND

KNOW ALL MEN BY THESE PRESENTS, that we _____
Contractor

Address

City, State ZIP

As principal, hereinafter called the Principal, and _____
Surety

a corporation duly organized under the laws of the state of _____

as Surety, hereinafter called the Surety, are held and firmly bound unto State of Mississippi, Jackson, Mississippi

As Obligee, hereinafter called Obligee, in the sum of **Five Per Cent (5%) of Amount Bid**

Dollars(\$ _____)

for the payment of which sum will and truly to be made, the said Principal and said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for **Thin Lift Overlay approximately 5 miles on SR 570 from west of Thompson Rd. to Natchez Dr. & approximately 4 miles on SR 44 from Locust St. to the Bogue Chitto River, known as State Project Nos. SP-0168-00(013) / 108888301, SP-0179-00(022) / 108887301 & SP-0168-00(013) / 108888302 in Amite & Pike Counties.**

NOW THEREFORE, the condition of this obligation is such that if the aforesaid Principal shall be awarded the contract, the said Principal will, within the time required, enter into a formal contract and give a good and sufficient bond to secure the performance of the terms and conditions of the contract, then this obligation to be void; otherwise the Principal and Surety will pay unto the Obligee the difference in money between the amount of the bid of the said Principal and the amount for which the Obligee legally contracts with another party to perform the work if the latter amount be in excess of the former, but in no event shall liability hereunder exceed the penal sum hereof.

Signed and sealed this _____ day of _____, 20__

(Principal) (Seal)

(Witness) (Name) By: _____ (Title)

(Surety) (Seal)

(Witness) (Attorney-in-Fact) By: _____

(MS Agent)

Mississippi Insurance ID Number

