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Executive Director

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**Mark C. McConnell**  
Deputy Executive Director/Chief Engineer  
**Lisa M. Hancock**  
Deputy Executive Director/Administration  
**Willie Huff**  
Director, Office of Enforcement  
**Charles R. Carr**  
Director, Office of Intermodal Planning

October 10, 2016



Mr. Michael Griffith  
Construction and Building Materials  
Environmental Permits Division  
Office of Pollution Control  
Mississippi Department of Environmental Quality  
P. O. Box 2261  
Jackson, Mississippi 39225

Dear Mr. Griffith:

Re: LCNOI Submittal Under MSR10

As per your request we are re-submitting this LCNOI application for coverage for MDOT Project No. STP-0029-02(018), STP-0029-03(015) FMS 102556/306000, 307000 and 318000 that is located on SR 304/I-269 from SR 305 to East of US 78, also North of US 78 to South of SR 302, in Desoto and Marshall Counties, Mississippi. All required information is contained within.

Subsequent to the completion of the grading work for these new roadways there is the need to get the paving under way as soon possible. This paving work includes the pay item grassing which is further broken down to include standard ground prep which is really roughing up the ground to take the seed. Topsoil may be removed to the desired grade. There's the possible use of erosion control mats that may be seeded and watering is included. There will be soil stabilization with the possible use of PAM. Granular materials for the shoulders will be distributed as they are built. Then the paving work will commence as planned.

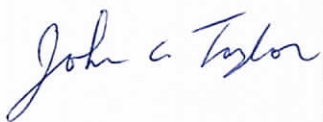
Under ACT5 T-4 (A) of the new General Permit it is required that a buffer zone shall be maintained between land disturbing activities and perennial water bodies. A minimum of 150-foot buffer zone is recommended. Your office defines a buffer zone under ACT13 T-2 as a strip of dense undisturbed perennial vegetation, either original or reestablished, that borders perennial streams and rivers, ponds and lakes and wetlands.

Also under T-4 it is allowed the applicant to provide written justification for the impracticability of a specific BMP. This BMP of a minimum 150-foot buffer zone recommended for perennial water bodies in the Large Construction General Permit is not feasible for MDOT projects. Due to the nature of these linear construction projects which require bridges, box bridges, box culverts and pipe culverts, it would not be practical or cost-effective to adhere to this requirement.

Page 2  
Continued

If you have questions please feel free to give me a call at (601)359-7250.

Sincerely,

A handwritten signature in blue ink that reads "John C. Taylor". The signature is written in a cursive style with a large initial "J" and a stylized "C" for "C.".

John C. Taylor, PE, BCEE, RPG  
MDOT, Roadway Design Division



OCT 11 2016  
MDEQ

# LARGE CONSTRUCTION NOTICE OF INTENT (LCNOI) FOR COVERAGE UNDER THE LARGE CONSTRUCTION STORM WATER GENERAL NPDES PERMIT MSR10 \_\_\_\_\_ (NUMBER TO BE ASSIGNED BY STATE)

## INSTRUCTIONS

The Large Construction Notice of Intent (LCNOI) is for coverage under the Large Construction General Permit for land disturbing activities of five (5) acres or greater; or for land disturbing activities, which are part of a larger common plan of development or sale that are initially less than five (5) acres but will ultimately disturb five (5) or more acres. Applicant must be the owner or operator. For construction activities, the operator is typically the prime contractor. The owner(s) of the property and the prime contractor associated with regulated construction activity on the property have joint and several responsibility for compliance with the Large Construction Storm Water General Permit MSR10.

Completed LCNOIs should be filed at least thirty (30) days prior to the commencement of construction. Discharge of storm water from large construction activities without written notification of coverage is a violation of state law.

Submittals with this LCNOI must include:

- A site-specific Storm Water Pollution Prevention Plan (SWPPP) developed in accordance with ACT5 of the General Permit
- A detailed site-specific scaled drawing showing the property layout and the features outlined in ACT5 of the General Permit
- A United States Geological Survey (USGS) quadrangle map or photocopy, extending at least one-half mile beyond the facility property boundaries with the site location and outfalls outlined or highlighted. The name of the quadrangle map must be shown on all copies. Quadrangle maps can be obtained from the MDEQ, Office of Geology at 601-961-5523.

Additional submittals may include the following, if applicable:

- Appropriate Section 404 documentation from U.S. Army Corps of Engineers
- Appropriate documentation concerning future disposal of sanitary sewage and sewage collection system construction
- Appropriate documentation from the MDEQ Office of Land & Water concerning dam construction and low flow requirements
- Approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties

ALL QUESTIONS MUST BE ANSWERED (Answer "NA" if the question is not applicable)

APPLICANT IS THE: ☒ OWNER ☐ PRIME CONTRACTOR (Must check one or both)

## OWNER INFORMATION

OWNER CONTACT PERSON: JOHN C. TAYLOR  
OWNER COMPANY NAME: MDOT  
OWNER STREET OR P.O. BOX: P.O. Box 1850  
OWNER CITY: JACKSON STATE: MS ZIP: 39215  
OWNER PHONE # (INCLUDE AREA CODE): (601) 359-7250

## PRIME CONTRACTOR INFORMATION

PRIME CONTRACTOR CONTACT PERSON: \_\_\_\_\_  
PRIME CONTRACTOR COMPANY: \_\_\_\_\_  
PRIME CONTRACTOR STREET OR P.O. BOX: \_\_\_\_\_  
PRIME CONTRACTOR CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
PRIME CONTRACTOR PHONE # (INCLUDE AREA CODE): \_\_\_\_\_



# PROJECT INFORMATION

PROJECT NAME: MDOT DESOTO/MARSHALL 102556/306000, 307000, 318000

TOTAL ACREAGE THAT WILL BE DISTURBED<sup>1</sup>: 259 AC

IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? ☐ YES ☒ NO

IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT: \_\_\_\_\_

\_\_\_\_\_ AND PERMIT COVERAGE NUMBER: \_\_\_\_\_

DESCRIPTION OF CONSTRUCTION ACTIVITY: SEE COVER LETTER. THE GRASSING PAY ITEMS WILL INCLUDE STANDARD GROUND PREP (ROUGHING UP SOIL FOR IT TO TAKE SEEDS); THE POSSIBLE USE OF EROSION CONTROL MATS THAT MAY BE SEEDED, WATERING, SOIL STABILIZATION WITH POSSIBLE USE OF PAM. TOP SOIL WILL BE REMOVED TO DESIRED GRADE.

PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED (include standard industrial classification code (SIC) if known):

\_\_\_\_\_ HIGHWAY USE \_\_\_\_\_ SIC Code 1611

PHYSICAL SITE ADDRESS (If the physical address is not available indicate the nearest named road. For linear projects, indicate the beginning of the project and identify all counties the project traverses.)

STREET: SR 304

CITY: BYHALA COUNTY: DESOTO/MARSHALL ZIP: 38611

LATITUDE: 34 degrees 52 minutes 10.46 seconds LONGITUDE: 89 degrees 48 minutes 45.72 seconds

LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): LEWISBURG & BYHALA NW

NEAREST NAMED RECEIVING STREAM: COLDWATER RIVER

IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST OF IMPAIRED WATER BODIES? (The 303(d) list of impaired waters and TMDL stream segments may be found on MDEQ's web site: [http://www.deq.state.ms.us/MDEQ.nsf/page/TWB\\_Total\\_Maximum\\_Daily\\_Load\\_Section](http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum_Daily_Load_Section)) ☒ YES ☐ NO

HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING STREAM SEGMENT? ☒ YES ☐ NO

ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBLIC PONDS OR LAKES WITHIN 1/2 MILE DOWNSTREAM OF PROJECT BOUNDARY THAT MAY BE IMPACTED BY THE CONSTRUCTION ACTIVITY? ☐ YES ☐ NO

EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP): SM, CH, SC  
ML, CL, ML-CL

WILL FLOCCULANTS BE USED TO TREAT TURBIDITY IN STORM WATER? ☒ YES ☐ NO

IF YES, INDICATE THE TYPE OF FLOCCULANT. ☒ ANIONIC POLYACRYLAMIDE (PAM)  
☐ OTHER \_\_\_\_\_

IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF INTRODUCTION, THE LOCATION OF INTRODUCTION AND THE LOCATION OF WHERE FLOCCULATED MATERIAL WILL SETTLE? ☒ YES ☐ NO

<sup>1</sup>Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft<sup>2</sup> per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

## DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS

COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED  
MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS?

☐ YES ☒ NO

IF YES, CHECK ALL THAT APPLY: ☐ AIR ☐ HAZARDOUS WASTE

☐ PRETREATMENT

☐ WATER STATE OPERATING ☐ INDIVIDUAL NPDES

☐ OTHER: \_\_\_\_\_

IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE  
OF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for  
permitting requirements.)

☐ YES ☒ NO

IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE  
DOCUMENTATION THAT:

*THIS IS A PAVING PROJECT. NO CORPS PERMIT  
NEEDED*

- The project has been approved by individual permit, or
- The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
- The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required

IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED?  
(If yes, provide appropriate approval documentation from MDEQ Office of Land and  
Water, Dam Safety.)

☐ YES ☒ NO

IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE  
BE DISPOSED? Check one of the following and attach the pertinent documents.

- ☐ Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.
- ☐ Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date: \_\_\_\_\_.)
- ☐ Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.
- ☐ Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.

INDICATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PROJECT MUST COMPLY:

\_\_\_\_\_  
\_\_\_\_\_



I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

S. Mood  
Signature of Applicant<sup>1</sup> (owner or prime contractor)

10/10/16  
Date Signed

Amy Mood  
Printed Name

Asst. Chief Eng.  
Title

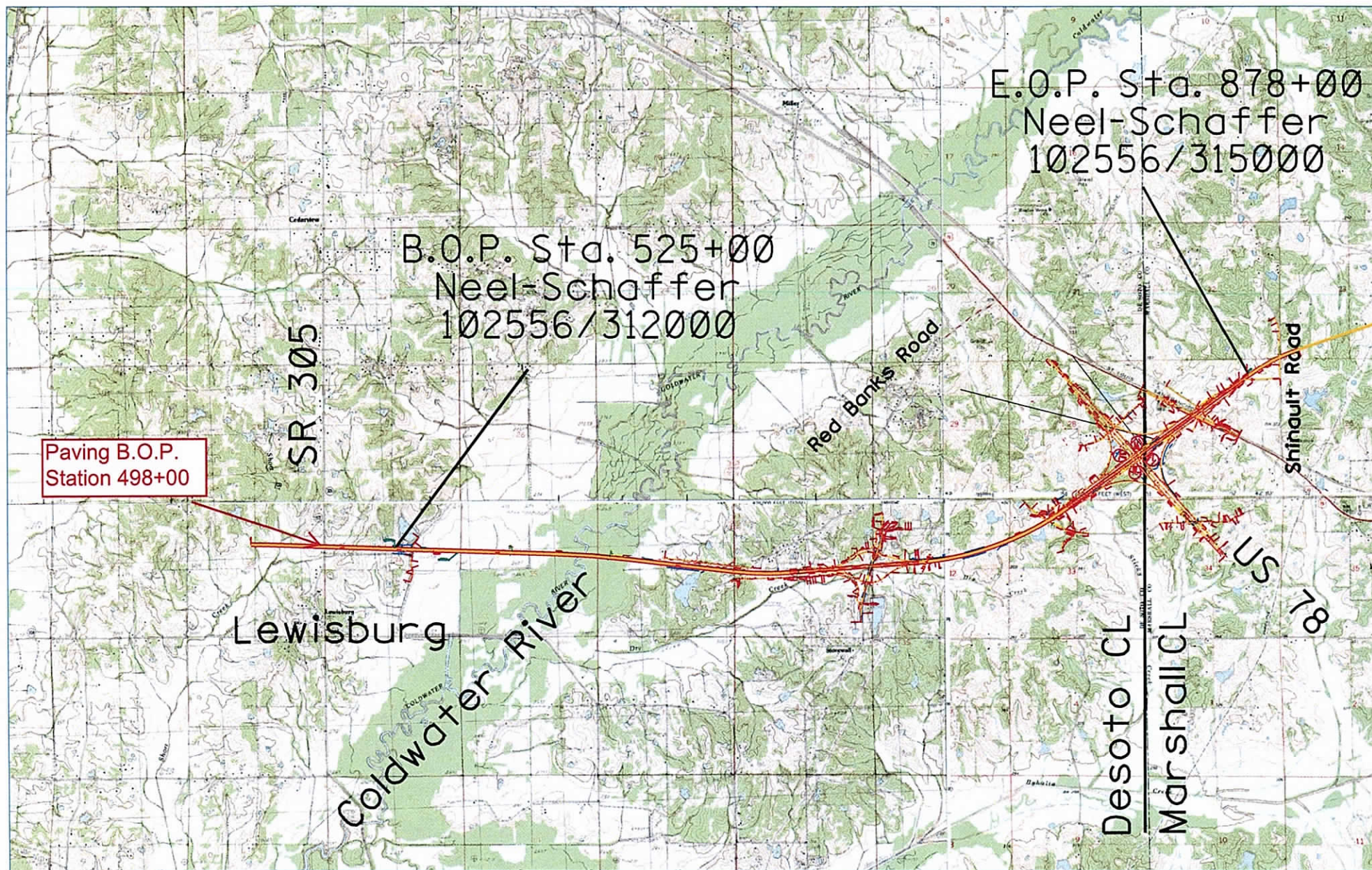
<sup>1</sup>This application shall be signed as follows:

- For a corporation, by a responsible corporate officer.
- For a partnership, by a general partner.
- For a sole proprietorship, by the proprietor.
- For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official.

Please submit the LCNOI form to:

Chief, Environmental Permits Division  
MS Department of Environmental Quality, Office of Pollution Control  
P.O. Box 2261  
Jackson, Mississippi 39225



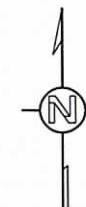


USGS Location Map

FMS 102556/306000 & 307000  
Paving 4 Lanes - Stations 498+00 to 878+00

SR-304/I-269  
SR-305 to East of US-78  
Desoto and Marshall Counties

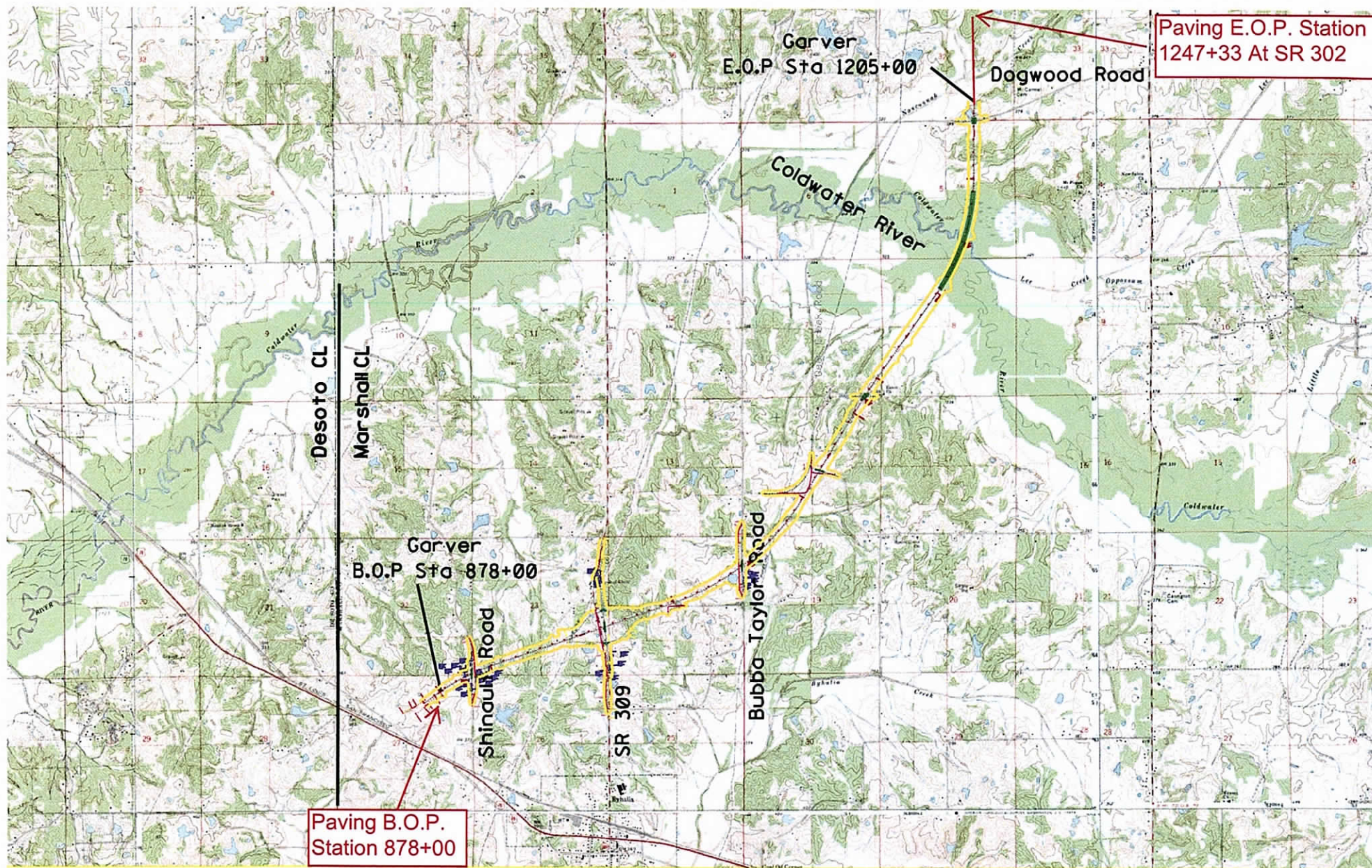
Scale 1"=5000 Ft













## GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY .....	1
<input checked="" type="checkbox"/> PERMANENT SIGNS .....	1001
<input checked="" type="checkbox"/> TRAFFIC SIGNALS .....	2001
<input checked="" type="checkbox"/> ITS COMPONENTS .....	3001
<input type="checkbox"/> LIGHTING .....	4001
<input type="checkbox"/> (RESERVED) .....	5001
<input checked="" type="checkbox"/> ROADWAY STANDARD DWGS ..	6001
<input type="checkbox"/> BRIDGE STANDARD DWGS .....	7001
<input type="checkbox"/> BRIDGE .....	8001
<input type="checkbox"/> CROSS SECTIONS .....	9001

## STATE OF MISSISSIPPI

## MISSISSIPPI DEPARTMENT OF TRANSPORTATION

# PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0029-03(015)

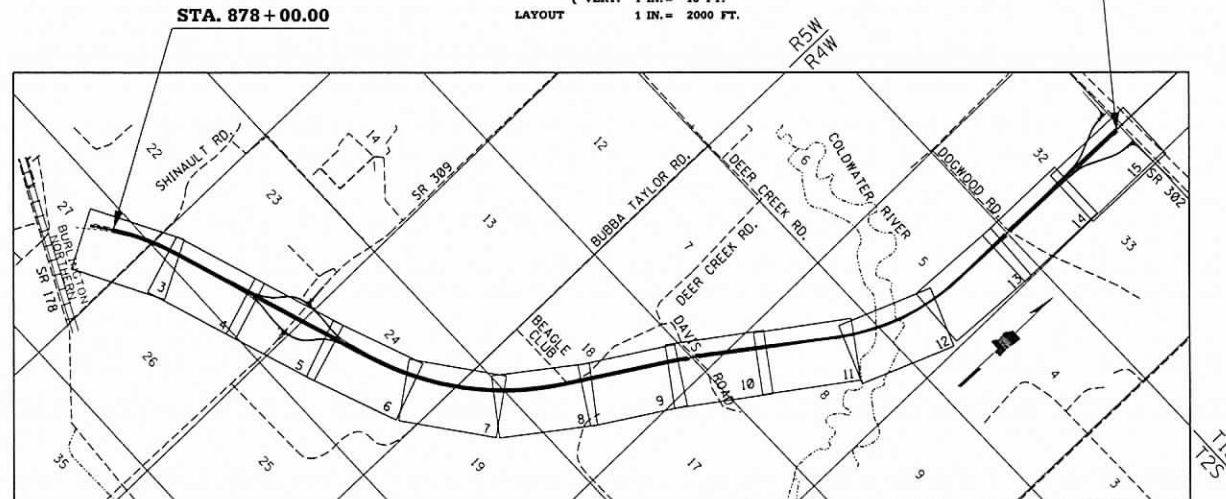
 1-269 / SR 304 FROM NORTH OF U.S. 78  
TO SR 302

102556/318000

## MARSHALL COUNTY

SCALES	
PLAN	1 IN. = 100 FT.
PROFILE { HOR.	1 IN. = 100 FT.
{ VERT.	1 IN. = 10 FT.
LAYOUT	1 IN. = 2000 FT.

E.O.P. STA. 1247 + 33.50

BRIDGE STRUCTURES REQ'D.  
NONEBOX BRIDGES REQ'D.  
NONE

## GPS CONTROL NOTES

HORIZONTAL DATUM: NAD	MS	ZONE (US SURVEY FEET)
HORIZONTAL MONUMENT	NORTH	EAST
OLIVE	1994498.546	2459744.241
GPS 0303	2008575.662	2369059.269
HOLLY	1930592.975	2540555.798

VERTICAL DATUM: NAVD	(US SURVEY FEET)
VERTICAL MONUMENT	ELEVATION

 78V119, 72V38, 72V39, 78V118, H243, C194  
CRENSHAW2AZ, E43, G243, L243, J193, J243

ALL AZIMUTHS AND DISTANCES ARE GRID VALUES, US SURVEY FEET

CONVERSION VALUES PROJECT AVERAGE

 GROUND TO GRID (COMBINED) FACTOR 0.999980705  
GRID TO GEODETIC AZIMUTH (+) 00°22'42.84"

## EQUATIONS

STA. 1135+70.880 BK.-STA. 1127+75.311 AH. = +795.569

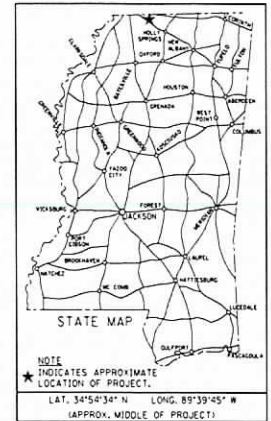
## EXCEPTIONS

NONE

## LENGTH DATA

LENGTH OF ROADWAY	33167.12	FT.	6.282	MI.
LENGTH OF BRIDGES	4561.95	FT.	0.864	MI.
LENGTH OF PROJECT (NET)	37729.07	FT.	7.146	MI.
LENGTH OF EXCEPTIONS	0	FT.	0	MI.
LENGTH OF PROJECT (GROSS)	37729.07	FT.	7.146	MI.

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP-0029-03(015)	1


 NOTE  
★ INDICATES APPROXIMATE  
LOCATION OF PROJECT.  
LAT. 34°54'34" N LONG. 89°39'45" W  
(APPROX. MIDDLE OF PROJECT)

DESIGN CONTROL	
70	MPH = V (SPEED DESIGN)
ADT (2017) = 29,000; ADT (2037) = 47,000	
DNV = 5.000; D = 60%; T = 19%	
PERMITS ACQUIRED BY MDOT	
NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY:	
NATIONWIDE #14	<input checked="" type="checkbox"/> WATERS <input checked="" type="checkbox"/> WETLANDS
NATIONWIDE (OTHER)*	<input checked="" type="checkbox"/> WATERS <input checked="" type="checkbox"/> WETLANDS
GENERAL*	<input checked="" type="checkbox"/> WATERS <input checked="" type="checkbox"/> WETLANDS
INDIVIDUAL (404)*	<input checked="" type="checkbox"/> WATERS <input checked="" type="checkbox"/> WETLANDS
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR	
STORMWATER PERMIT <input checked="" type="checkbox"/>	
Y	REQUIRED, AND SUBMITTED BY MDOT
Y	REQUIRED, AND SUBMITTED BY CONTRACTOR (IT IS A LAW VIOLATION)
S	REQUIRED, AND SUBMITTED BY CONTRACTOR (IT IS A LAW VIOLATION)
N	NO STORMWATER PERMIT REQUIRED (1-1 ADOPT)
APPROVED BY: <i>[Signature]</i>	
ACCESS CONTROL	

## NOTES:

- Access to and exit from this highway will be permitted only through interchange or such other points as may be established by public authority and as shown on the plans.
- This note applies to the following station limits: STA. 878 + 00 to STA. 1247 + 33.50. This project is designed by the Transportation Commission to be Type 1 Controlled Access Facility, as defined in and subject to restrictions shown by order of said Commission dated 13 day of May, 2008 in minute book 13 pages 118 & 180 and authorized under section 65-1-101(MCA (1972, as amended)).

P S &amp; E DATE: 04-20-2016

 APPROVED: *[Signature]*  
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER  
*[Signature]*  
EXECUTIVE DIRECTOR
GARVER, LLC  
TRAFFICGARVER, LLC  
ROADWAY

STP-0029-03(015)

MARSHALL

COUNTY

1