

Melinda L. McGrath
Executive Director

P. O. Box 1850
Jackson, MS 39215-1850
Telephone (601) 359-7001
FAX (601) 359-7110
GoMDOT.com



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(012), FMS 102556/319000 that is located on SR 304/I-269 from US 55 to SR 305 in Desoto County, 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.

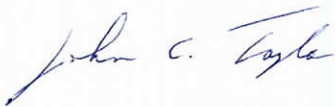
RECEIVED

OCT 11 2016

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 "T".

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



**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): _____

RECEIVED

OCT 11 2016

PROJECT INFORMATION

PROJECT NAME: MDOT DESOTO 102556 319000

TOTAL ACREAGE THAT WILL BE DISTURBED¹: 150 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 SEED), THE POSSIBLE USE OF EROSION CONTROL MATS THAT MAY BE SEED, 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 1 6 1 1

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: HERNANDO COUNTY: DE SOTO ZIP: 38632

LATITUDE: 34 degrees 52 minutes 19.4 seconds LONGITUDE: 89 degrees 54 minutes 23.8 seconds

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

NEAREST NAMED RECEIVING STREAM: CAMP CREEK

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) ☒ 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): ML, ML-CL, CL, SM, SC, SH

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

¹Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft² 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 JOB, 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.

8 novel
Signature of Applicant¹ (owner or prime contractor)

10/10/16
Date Signed¹

Amy Mood
Printed Name¹

Asst. Chief Eng.
Title

¹This 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

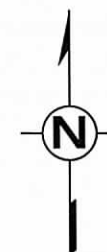


USGS Location Map

Paving Project
FMS 102556/319000
Station 1135+00 to 498+00

SR-304/I-269
Station 240+00 to Station 525+00
Desoto County, Ms
FMS 102556/311000

Scale: 1" = 6000 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 checked="" 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 checked="" type="checkbox"/> CROSS SECTIONS	9001

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY FEDERAL AID PROJECT NO. STP-0029-02(017) I-269 FROM I-55 to SR-305 PAVING PROJECT DESOTO COUNTY

102556/319000 CONST

BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE

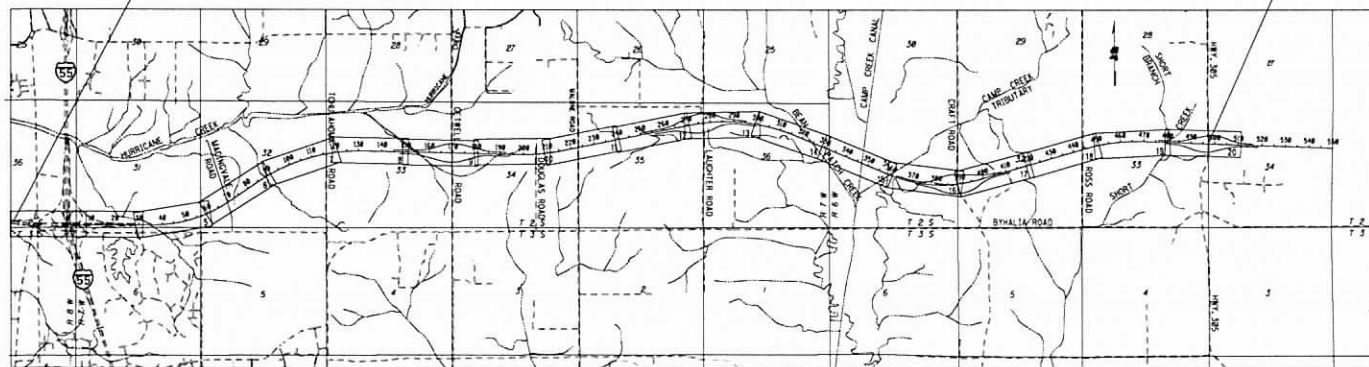
B.O.P.

STA. 1135+00

E.O.P.

STA. 497+37.998

EXCEPTIONS



GPS CONTROL NOTES

GPS CONTROL NOTES		
HORIZONTAL DATUM: NAD 83	MS WEST ZONE (US SURVEY FEET)	
HORIZONTAL MONUMENT	NORTH	EAST
CP8	1954890.54	2420812.95
CP13	1950643.24	2437683.06
CP16	1953505.20	2450197.62
VERTICAL DATUM: NAVD 88	(US SURVEY FEET)	
VERTICAL MONUMENT	ELEVATION	
CP8	382.55	
CP16	310.92	

ALL AZIMUTHS AND DISTANCES ARE
GRID VALUES, US SURVEY FEET

CONVERSION VALUES	PROJECT AVERAGE
GROUND TO GRID (COMBINED) FACTOR	0.999960208
GRID TO GEODETIC AZIMUTH	0°16'07.84"

EQUATIONS

$$\textcircled{1} \quad \text{STA. 1158+16.911 BK} = \text{STA. 0+00 AHD.}$$

$$\textcircled{2} \quad \text{STA. 217+32.320 BK} = \text{STA. 217+34.065 AHD.}$$

LENGTH DATA

LENGTH OF ROADWAY	52853.11 FT.	9.86 MI.
LENGTH OF BRIDGES	3984.2 FT.	0.75 MI.
LENGTH OF PROJECT (NET)		10.61 MI.
LENGTH OF EXCEPTIONS	0 FT.	0 MI.
LENGTH OF PROJECT (GROSS)	52853.11 FT.	10.61 MI.

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 project is declared by the Transportation Commission to be a Type 1 Controlled Access Facility, as defined in and subject to all restrictions shown by order of said Commission dated 13th day of May, 2008, in minute book 13, pages 179 and 180 authorized under section 65-1-10(i) MCA (1972, as amended).



Date: 6/22/16
(ROADWAY ONLY)

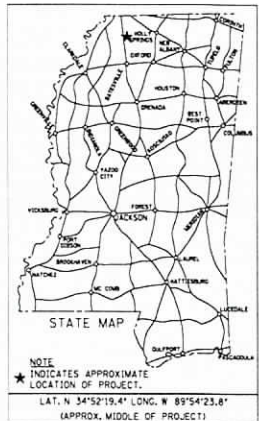


Date: 3/09/16
(TRAFFIC SIGNALS
AND ITS ONLY)



Date: 3/09/16
(PAVEMENT MARKINGS ONLY)

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	STP-0029-02(017)	1



DESIGN CONTROL	
I-55 TO SR-305	
70 MPH = V (SPEED DESIGN)	
ADT (2027) = 42,000 ; ADT (2037) = 68,000	
DNV = 5,000 ; D = 52 ; T = 15	

PERMITS ACQUIRED BY MDOT	
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):	
NATIONWIDE #14	N A N
NATIONWIDE (OTHER)	N A N
GENERAL*	N A N
INDIVIDUAL (404)*	N A N
ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR	
STORMWATER PERMIT	T A
Y	REQUIREMENTS ELIMINATED BY MDOT (DISTURBED AREA = 0 ACRES)
S	REQUIREMENTS TO BE ELIMINATED BY CONTRACTOR (7 TO 4.9 ACRES)
N	NO STORMWATER PERMIT REQUIRED (1+1 ACRES)
APPROVED BY: [Signature]	

P S & E DATE:	3/09/16
APPROVED:	[Signature]
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER	
EXECUTIVE DIRECTOR	[Signature]
MDOT MISSISSIPPI DEPARTMENT OF TRANSPORTATION	

STP-0029-02(017)

DESOTO COUNTY