

Zack Stewart
Northern District Commissioner

Dick Hall
Central District Commissioner

Wayne H. Brown
Northern District Commissioner



Kenneth I. Warren
Executive Director

James H. Kopf
Deputy Executive Director/
Chief Engineer

Mississippi Department of Transportation / P.O. Box 1850 / Jackson, Mississippi 39215-1850 / Telephone (601) 359-7001 / FAX (601) 359-7110

Inter-Office Memorandum

Date: March 30, 2000

To: All Roadway Design Employees & Active Consultants

From: Roadway Design Division Engineer
John B. Pickering *J.B.P.*

Subject: Project Numbers

The 13 digit project numbers (i.e. 46-0048-01-032-10) will no longer be used by MDOT. They will be replaced by a number referred to as the "External Number" [i.e. STP-0048-01(032)] which has been referred to as the Federal Project Number in the past. The FMS Project Number (i.e. 102196/301) will be shown with this External Number on Roadway Design documents as described and illustrated in the attached documents. This new Project Number system shall be implemented immediately except for plans which have already been printed (Small-Blued). Final Plans produced by consultants which have already been submitted are also exempt.

If there are any questions, please advise.

JBP/hkb

Attachments (9)

pc.: District Engineers
File

Summary of Attachments

1. SOP (See Attachments 2-3 for Project Number Code SOP)

2. EXAMPLE PLANS (See Attachments 4-5 for Example Title Sheet)

Title Sheet –

Both the External & FMS Construction Project Numbers shall be shown on the Title Sheet with the External Number listed as the Project Number and the FMS Number listed in smaller text below or to the right of the External number.

The PE External Number & FMS Number will be placed at the top of the sheet designated by PE.

ROW plans shall show the ROW FMS Number to the right of the External ROW Number designated by ROW.

Individual Plan Sheets –

The External Project Number will be shown on individual plan sheets. **The FMS number will not be shown on individual plan sheets.** Individual Plan sheets should not be affected by the new numbering system because we currently show the Federal Project Number (External Number) on these sheets.

3. CORRESPONDENCE (See Attachment 6 for Example Correspondence)

Both the External Number and the FMS Number along with the Route & County shall be shown on all other correspondence as shown below.

STP-0048-01(032) 102196/301 Or
SR 41 Chickasaw Co.

STP-0048-01(032)
102916/301
SR 41 Chickasaw Co.

4. SYSTEM CODES (See Attachments 7-9 for a List of Valid System Codes)

Approved by: *Kenneth I. Warren*

S.O.P. No.: **ADM-02-08-02-000**

Mississippi Department of Transportation - Standard Operating Procedures

Subject: **PROJECT NUMBER CODE**

Effective Date: August 1, 1999
Issued Date: August 1, 1999

Supersedes S.O.P. Dated
ADM-02-08-02-000 May 15, 1968

Approval Required: MDOT Legal Division Federal Highway Administration Secretary of State

PURPOSE: To establish policy for the use of project numbers for all projects.

GENERAL: The project number code will be assigned in accordance with this S.O.P.

The project number consists of a six digit segment plus a three digit detail segment. The six digit segment designates the overall termini of the project and may have more than one detail segment. Each detail represents preliminary engineering, right of way or construction phases of the overall project and may have shorter termini than the overall project. There may be, for example, two construction details that comprise the overall termini.

The six digit segment and the detail are separated by a slash (/).

The user assigns the first digit as follows:

- 1 = Construction Project
- 3 = Maintenance Project
- 5 = All other projects

The remaining five digits are assigned by FMS.

The detail segment is assigned by the user.

- 1XX = Preliminary Engineering
- 2XX = Right of Way
- 3XX = Construction

(Refer to FMS instructions for how to enter a new project number and detail.)

Because the six digit project segment is essentially a random number that in no way describes any thing about the project, such as route or funding, it will be supplemented by an external number.

External Numbers for Construction Projects

The external number consists of four segments: an alphabetic prefix that denotes the program or type funding, a four digit federal route segment, a two digit federal route section segment, and a three digit unit segment enclosed in parenthesis. The prefix, federal route segment and federal route section segment are separated by dashes (-). For example an Interstate project on I-55 in Madison County could have an external number of IM-0055-02(117). It is important that the federal route segment is always shown as four digits, the federal route section segment as two digits, and the unit segment as three digits. The prefix can be various lengths, but the entire external number cannot exceed twenty characters.

Projects on the 1987 4-Lane Road Program will have a three character suffix to designate the program phase, e.g. , SDP-0056-01(075)PH3 for a project in Phase 3.

External Numbers for Maintenance Projects

The prefix for maintenance projects is MP, or MRP in the case of maintenance repair projects. The prefix is followed by a four digit segment that designates the district and route number, a two digit segment that designates the county, and a three digit segment that designates the unit number. For example, a maintenance project on US 80 in Hinds County could have an external number of MP-5080-25(045).

External Numbers for Other Projects

The numbering scheme for other projects depends on the type project. However, in all cases the project number will consist of a prefix followed by a four digit segment, a two digit segment and a three digit segment enclosed in parenthesis.

When used in correspondence or other documents, the external number will precede the project number, e.g., IM-0059-02(117) 100539/301. When additional information is needed or for clarity, the route and county may also be used, IM-0059-02(117) 100539/301 I-59 Madison County.

Examples:

1. Federal-aid construction project on SR 1: STP-0043-01(026) 100349/302
2. Gaming Program construction on US 82: GAI-0011-01(048) 101188/301 US 82 Washington Co.
3. Four-Lane Program preliminary engineering project on US 45: SDP-0002-02(0055)PH2 102634/101
4. Four-Lane Program construction project using Federal funds: STP-0022-02(031)PH2 101090/301
5. Maintenance Project on SR 569: MP-7569-03(001) 301654/303

GENERAL INDEX

FOR DETAILED INDEX OF PLANS SEE SHEET NO. 2

DESCRIPTION	NUMBER OF SHEETS
TITLE SHEET	1
DETAILED INDEX	
GENERAL NOTES	
TYPICAL SECTIONS	
QUANTITIES	
PLAN AND PROFILES	
SPECIAL DESIGN ROADWAY ITEMS	
BRIDGE DRAWINGS	
SPECIAL DESIGN - BRIDGES	
CROSS SECTIONS	

TOTAL SHEETS _____

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

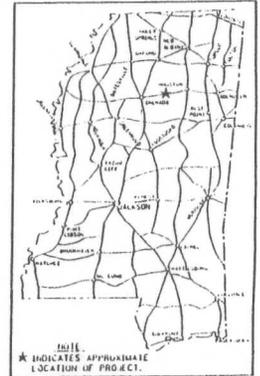
**PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PROJECT NO. BR-0016-03(021)**

S.R. 8 FROM DERMA TO VARDAMAN
CALHOUN COUNTY

RATIOS / SCALES

PLAN	1:1000
PROFILE	HOR. 1:1000 VERT. 1:100
LAYOUT	1:300

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS	BR 0016 03(021)	1



DESIGN CRITERIA

MSD 3-0-A - V (SPEED 45 MPH)

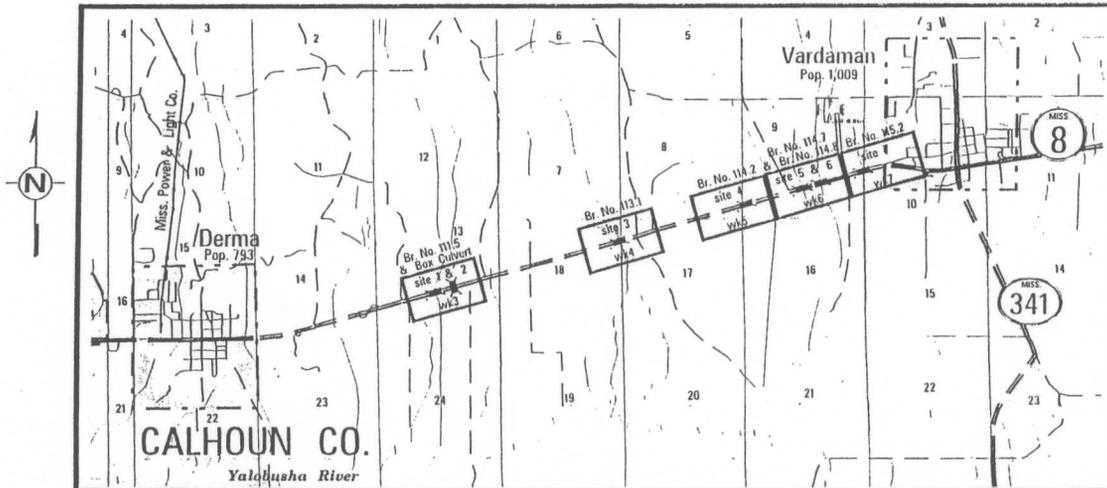
AD 1 (2021) - 550 - AD 1 (2021) - 550

ENV - 200 - 0 - 21 - 1 - 22 N

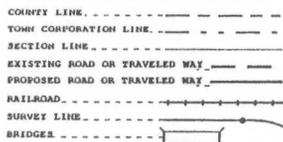
ENVIRONMENTAL PERMITS

TYPE	REQUIRE BY
N.W. (WALLS OF US)	YES NO
N.W. (WETLANDS)	<input type="checkbox"/> <input type="checkbox"/>
GP	<input type="checkbox"/> <input type="checkbox"/>
HAZ	<input type="checkbox"/> <input type="checkbox"/>
STURMGRABER	<input type="checkbox"/> <input type="checkbox"/>

- BRIDGE STRUCTURES REQ'D.**
- SITE 1 STA. 28+679.0 - STA. 28+751.0 BR. NO. 111.5
2 @ 12m, 24m, 2 @ 12m SPANS
LENGTH - 12m
 - SITE 3 STA. 31+257.0 - 31+305.0 BR. NO. 113.1
4 @ 12m SPANS
LENGTH - 48m
 - SITE 4 STA. 32+999.0 - 33+047.0 BR. NO. 114.2
4 @ 12m SPANS
LENGTH - 48m
 - SITE 6 STA. 34+016.0 - 34+064.0 BR. NO. 114.8
4 @ 12m SPANS
LENGTH - 48m
 - SITE 7 STA. 34+546.0 - 34+648.0 BR. NO. 115.2
3 @ 12m, 30m, 3 @ 12m SPANS
LENGTH - 102m
- BOX BRIDGES REQ'D.**
- SITE 2 STA. 28+930 @ C
3600mm X 1800mm BOX CULVERT
REPLACES BRIDGE # 111.6
 - SITE 5 STA. 33+794 @ C
6000mm X 1800mm BOX CULVERT
REPLACES BRIDGE # 114.7



CONVENTIONAL SYMBOLS



EQUATIONS

EXCEPTIONS

LENGTH DATA

LENGTH OF ROADWAY	IN
LENGTH OF BRIDGES	—
LENGTH OF PROJECT (NET)	—
LENGTH OF EXCEPTIONS	—
LENGTH OF PROJECT (GROSS)	—

ROADWAY DESIGN
MISSISSIPPI DEPARTMENT OF TRANSPORTATION
LAYOUT SHEET

Attachment 4



APPROVED	DATE
CHIEF ENGINEER	
EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED	DATE
DIVISION ADMINISTRATOR	
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

GENERAL INDEX

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SPECIAL DESIGN - BRIDGES	
CROSS SECTIONS	

TOTAL SHEETS _____

STATE OF MISSISSIPPI
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY
FEDERAL AID PROJECT NO. STP-0048-01(032)
STP-0048-01(033)

SR 41 BETWEEN U.S. HWY 45 ALT. & RELOCATED U.S. 45 ALT. CHICKASAW AND MONROE COUNTIES

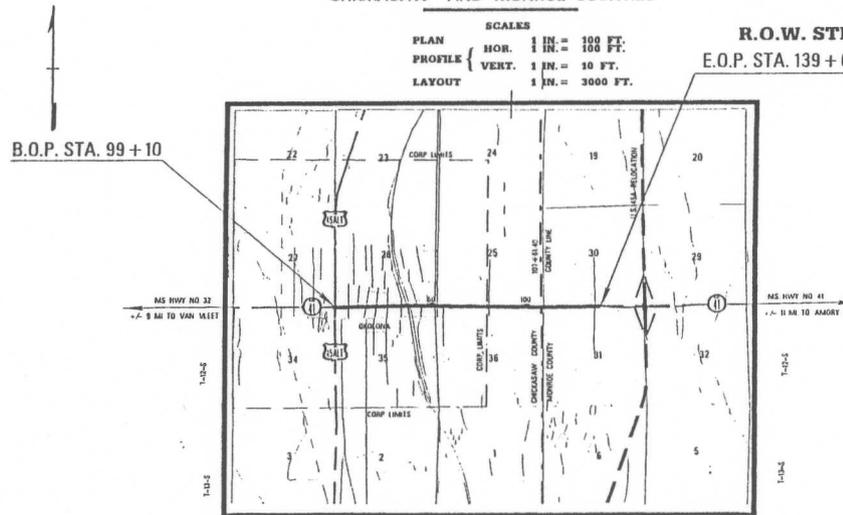
102196 /301
102196 /302

R.O.W. STP-0048-01(026) 100073 /001
E.O.P. STA. 139 + 03.51

PLAN 1 IN. = 100 FT.
PROFILE HOR. 1 IN. = 100 FT.
VERT. 1 IN. = 10 FT.
LAYOUT 1 IN. = 3000 FT.

BRIDGE STRUCTURES REQ'D.
NONE

BOX BRIDGE'S REQ'D.
NONE



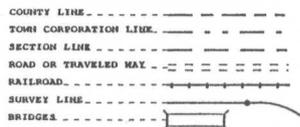
EQUATIONS
STA. 100 + 00 BK. = 0 + 00 AH.

EXCEPTIONS
NONE

LENGTH DATA

LENGTH OF ROADWAY	13,993.5 FT.	2.65 MI
LENGTH OF BRIDGES	NONE FT.	0.00 MI
LENGTH OF PROJECT (NET)	13,993.5 FT.	2.65 MI
LENGTH OF EXCEPTIONS	0 FT.	0.00 MI
LENGTH OF PROJECT (GROSS)	13,993.5 FT.	2.65 MI

CONVENTIONAL SYMBOLS



R.O.W. REVISION 6-24-97

SHEETS 3-AR, 3-AL, 3-A1, 3-A2, 3-BR, 3-BL, 3-B1, 3-B2, 3 CR, 3 CL, 3-C1, 3-C2, 3-DR, 3-DL, 3-D1, 3-D2, 4-AR, 4-AL, 4-A1, 4-A2, 4-BR, 4-BL, 4-B1, 4-B2, 4-CR, 4-CL, 4-C1, 4-C2, 4-DR, 4-DL, 4-D1, 4-D2, & 4-1

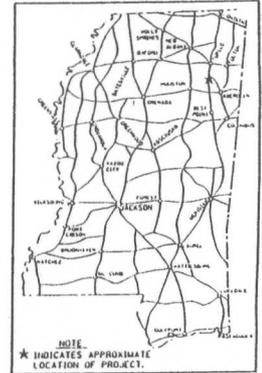
R.O.W. REVISION 7-09-97
SHEETS 4-AR, 4-AL, 4-A1, & 4-A2

R.O.W. REVISION 10-10-97
SHEETS 3, 3-1, 3-1A, 3-AR, 3-AL, 3-A1, 3-A2, 3-BR, 3-BL, 3-B1, 3-B2, 3-CR, 3-CL, 3-C1, 3-C2, 3-DR, 3-DL, 3-D1, 3-D2, 4, 4-1, 4-AR, 4-AL, 4-A1, 4-A2, 4-BR, 4-BL, 4-B1, 4-B2, 4 CR, 4-CL, 4-C1, 4-C2, 4-DR, 4-DL, 4-D1, 4-D2, 4 ER, 4 EL, 4 E1, 4 E2, 5, 5 1, 5 AR, 5 AL, 5-A1 & 5-A2

R.O.W. REVISION 09-10-98
SHEETS 3-B, 3-C, 3-D, 4-1, 4-A, 4-B & 4 C.

R.O.W. REVISION 11 20 98
SHEET 6

FED ROAD REG NO	STATE	PROJCT NO	SHEET NO
4	MISS	STP 0048 01(032) STP 0048 01(033)	1



NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

DESIGN CONTROL	
45 MPH - V (SPEED DESIGN)	
AUT (1992) - 5.308 ADI (2011) - 7.600	
DIV - 850 - D - 50 - 1 - 10 - 1	
ENVIRONMENTAL PERMITS	
TYPE	HOLD BY
(UW (WATERS OF U.S.)	YES NO
(UW (WATERS OF U.S.)	<input type="checkbox"/> <input type="checkbox"/>
(UW (WATERS OF U.S.)	<input type="checkbox"/> <input type="checkbox"/>
(UW (WATERS OF U.S.)	<input type="checkbox"/> <input type="checkbox"/>
(UW (WATERS OF U.S.)	<input type="checkbox"/> <input type="checkbox"/>
(UW (WATERS OF U.S.)	<input type="checkbox"/> <input type="checkbox"/>
(UW (WATERS OF U.S.)	<input type="checkbox"/> <input type="checkbox"/>

APPROVED	
CHIEF ENGINEER	DATE
EXECUTIVE DIRECTOR	DATE
MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
APPROVED	
DIVISION ADMINISTRATOR	DATE
FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

To: District Construction Engineer
Mr. Rodney G. Gray

Date: March 28, 1996

From: Roadway Design Division
Greg Lowe

Project No: STP-0016-02(030) 100179/301
S.R. 8

County: Grenada

Information copy to:

Central Files
File

Please furnish this division with the "pH" and "resistivity" for the soil in the area of the reference project. This will enable our division to determine pipe alternates for side drains.

If you have any questions, please contact me.

GL/gl

Listing of Valid System Codes

System Code	Project Number Prefix	Description
01	STP	Rwy./Hwy. Cross-Hazard Elimination Surface Transportation Program
02	STP	Rwy./Hwy. Cross-Protective Devices Surface Transportation Program
04	STP	High Hazard Location Surface Transportation Program
06	BR	Special Bridge Replacement 4-Lane Program, Phase 1
07	BR	Special Bridge Replacement 4-Lane Program, Phase 2
08	BR	Special Bridge Replacement 4-Lane Program, Phase 3
09	BR	Special Bridge Replacement 4-Lane Program, Phase 4
11	NH	National Highway System
12	ND	Primary Grade Crossings – National Highway System
14	DPR	Rural Access Projects
15	NH	National Highway System 4-Lane Program, Phase 4
16	NH	National Highway System 4-Lane Program, Phase 1
17	NH	National Highway System 4-Lane Program, Phase 2
18	NH	National Highway System 4-Lane Program, Phase 3
19	HDPPE,HDP, HDPS,DPS, IVHS,WPS, PTP,FRA,ITS UMNS,HP	Highway Demo Project and Highway Demonstration Project Study, Corridor Feasibility Study, Intelligent Vehicle Highway System GOE, Research and Development Priority Technologies Program, Funding Restoration Allocation, Intelligent Transportation, Research Study, High Priority Projects
26	APD	Appalachian
32	STPG	STP-Safety
34	AHL	Access-Recreational Areas (State Aid)
36	APL	Appalachian
41	STP	Surface Transportation Program 4-Lane Program, Phase 1
42	STP	Surface Transportation Program 4-Lane Program, Phase 2
43	STP	Surface Transportation Program 4-Lane Program, Phase 3

Listing of Valid System Codes

System Code	Project Number Prefix	Description
44	STP	Surface Transportation Program 4-Lane Program, Phase 4
46	STP	Surface Transportation Program
47	CM	Congestion Mitigation and Air Quality Improvement Program – Off Interstate System
48	STP	Urban Grade – Surface Transportation Program
49	STP	Urban Areas – Surface Transportation Program
51	I	Interstate, Interstate Discretionary, ½% Minimum Interstate Apportionment
52	NH	National Highway System – Used on Interstate System
54	IR	Interstate Resurfacing
56	STP	Surface Transportation Program on Interstate System
57	CM	Congestion Mitigation and Air Quality Improvement Program – Interstate System
59	IM	Interstate Maintenance, Interstate Maintenance Safety
60	RTAP, LTAP	Rural Technical Assistance Program, Local Technical Assistance Program
61	HPR, PL	Highway Planning & Research or Metropolitan Planning
62	FLH	Public Land Highway
63	DPI	Innovation Projects
64	AD, NAD, RAD	Access – Defense, Military Construction – Navy Military Construction – Air Force
65	DPM	Priority Intermodal Project
66	ER	Emergency Relief
67	USED	Corps of Engineers
68	DPC	Congestion Relief Projects
69	USGS	U.S. Geological Survey
71	EWO	Equipment Work Order
72	MP, MEP	Maintenance Project
73	BWO	Building Work Order
74	LWO	Lot Work Order
75	OP, OJT, DBE, FRA, FAA	Projects for Entities, On-The-Job Training, Disadvantaged Business Enterprise, Federal Railroad Administration, Federal Aviation Administration
76	FTA	Federal Transit Administration
79	SP	State Project
81	SAP	State Aid Testing
82	STP	Rural Secondary – Surface Transportation Program

Listing of Valid System Codes

System Code	Project Number Prefix	Description
84	MEGC	Economic Development
85	BR	Special Bridge Replacement
86	HWD	Highway Widen Demo Program
87	HSED	Highway Safety and Economic Development Demo
88	DE	Demonstration Project (U.S. 98 only)
91	MP	Maintenance Project – Contract
92	MRP	Maintenance Repair Project
93	EDA	Economic Development Access Road
94	GAI	Gaming Assisted Infrastructure
95	SDP	State Funds – 4-Lane Program Phase 4
96	SDP	State Funds – 4-Lane Program Phase 1
97	SDP	State Funds – 4-Lane Program Phase 2
98	SDP	State Funds – 4-Lane Program Phase 3
99		Undetermined - Master