FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	SP–0017–00(001)	1

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

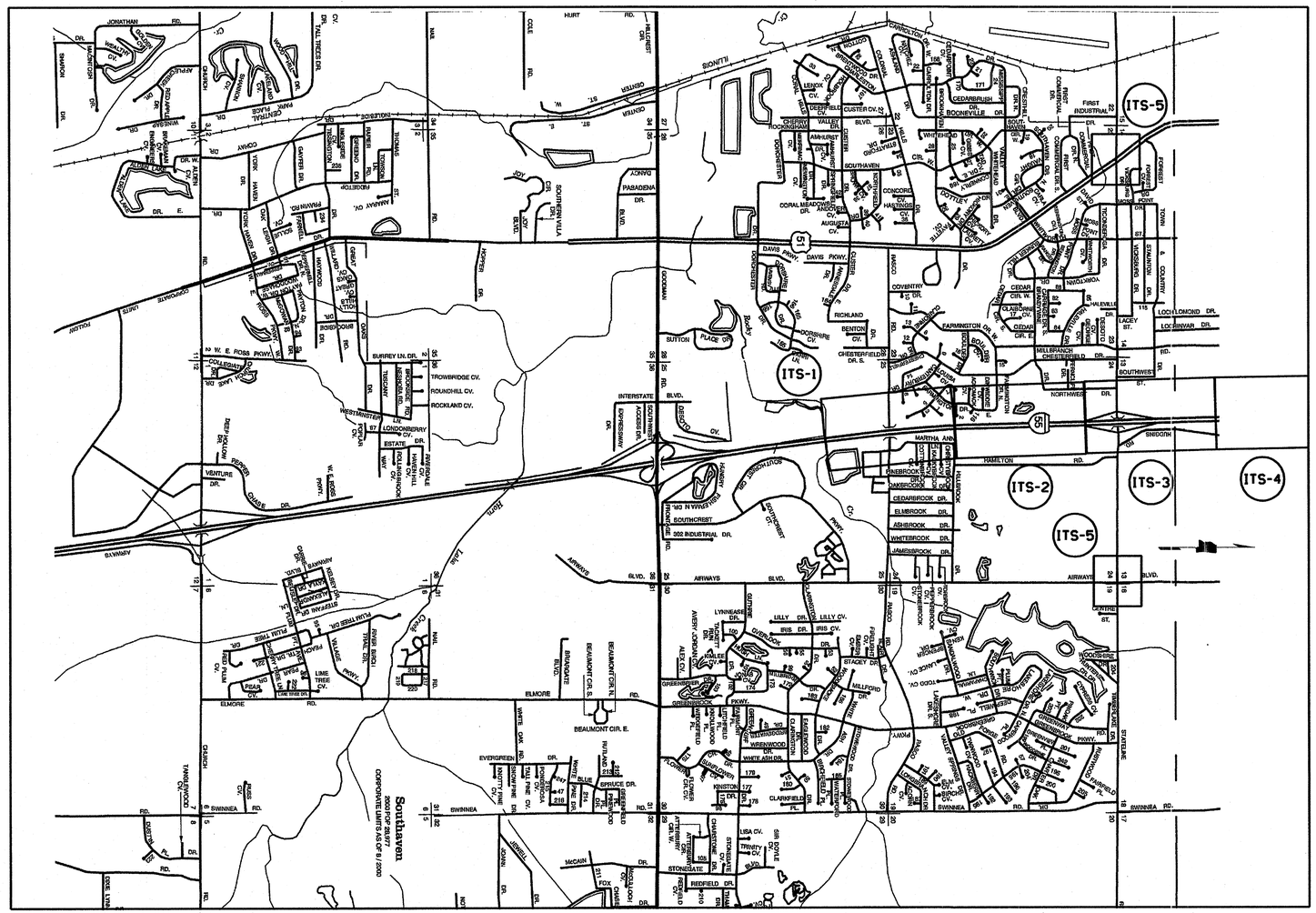
DESOTO COUNTY INCIDENT MANAGEMENT PROJECT
INTERSTATE 55/69
STATE PROJECT NO. SP–0017–00(001)

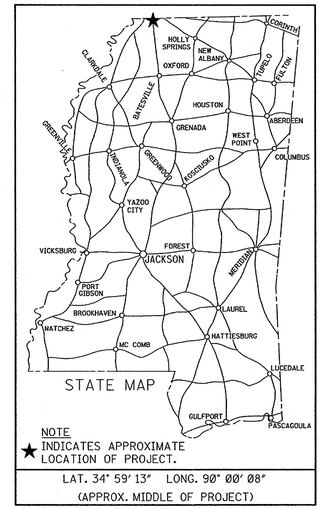
① 05-09-08

SCALES

PLAN		1 IN. = 100 FT.
PROFILE	HOR.	1 IN. = 100 FT.
	VERT.	1 IN. = 10 FT.
LAYOUT		1 IN. = 1000 FT.

FMS CONST. 104589 / 301000





NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.

LAT. 34° 59′ 13″ LONG. 90° 00′ 08″
(APPROX. MIDDLE OF PROJECT)

PERMITS ACQUIRED BY MDOT

WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):

	WATERS	WETLANDS
NATIONWIDE #14	N	N
NATIONWIDE (OTHER)*	N	N
GENERAL*	N	N
INDIVIDUAL (404)*	N	N

* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR

STORMWATER PERMIT	N
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES +)(NTB 6484)
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)(NTB 6483)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)

APPROVED BY: JRP DATE: 5/8/08

STEPHEN M. MOSHER, REGISTERED PROFESSIONAL ENGINEER, 16845, 5/7/08, STATE OF MISSISSIPPI

REVISIONS	BY	DATE

APPROVED:
CHIEF ENGINEER — DATE 7/9/08

EXECUTIVE DIRECTOR — DATE 5/8/08

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

APPROVED:

DIVISION ADMINISTRATOR — DATE

FEDERAL HIGHWAY ADMINISTRATION
DEPARTMENT OF TRANSPORTATION

TITLE
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/5/2008 11:23:05 TITLE.DGN

STATE	PROJECT NO.
MISS.	SP-0017-00(001)

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I.T.S. LEGEND

	EXISTING	PROPOSED
CABLE – COMM.	C C	C C
CABLE – ELEC. (U/G IN COND.)	E E	E E
LABEL FOR CABLE AND CONDUIT TYPES	[CONDUIT DESCRIPTION(S)] / [CABLE DESCRIPTION(S)]	[CONDUIT DESCRIPTION(S)] / [CABLE DESCRIPTION(S)]
PULL BOX – COMM.		
PULL BOX – ELEC.	PB	PB
LABEL FOR PULL BOX TYPE	X	X
DEMARC. PT. (POWER ONLY)		
TRAFFIC SIGNAL CABINET	TSC	TSC
CABINET (TYPE AS NOTED)	A	A
CCTV CAMERA (ALL TYPES)	CCTV	CCTV
DYNAMIC MESSAGE SIGN (DMS)	DMS	DMS
RADAR DETECTION SYSTEM (RDS)	RDS	RDS
VIDEO DETECTION SYSTEM (VDS)	VDS	VDS
LABEL FOR DEVICE DESCRIPTIONS AND LOCATIONS	[DEVICE #(S) & DESCRIPTION(S)] / [LOCATION DESCRIPTION(S)]	[DEVICE #(S) & DESCRIPTION(S)] / [LOCATION DESCRIPTION(S)]

GRESHAM, SMITH AND PARTNERS

PS & E PLANS - DATE: 5/20/2008		
FMS CON. # 104589/301000 - DESOTO CO.		
REVISIONS		
DATE	SHEET NOS.	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

DETAILED INDEX & I.T.S. LEGEND

PROJ. NO. SP-0017-00(001)
DESOTO & SHELBY(TN) COS.

WORKING NUMBER DI-1

FILENAME: DI-01.dgn

DESIGN TEAM GS&P CHECKED GS&P DATE 5/20/08

SHEET NUMBER 2

REVISION DATE BY

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/19/2008 10:31:06 DI-01.DGN

STATE	PROJECT NO.
MISS.	SP-0017-00(001)

GENERAL NOTES

1. CLEARING AND GRUBBING, WHERE REQUIRED BY THE PROJECT ENGINEER TO COMPLETE THE EQUIPMENT INSTALLATIONS SHOWN ON THESE PLANS, WILL BE PERFORMED IN CONFORMANCE WITH SECTION 201 OF THE MDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2004 EDITION. HOWEVER, THE COST OF CLEARING AND GRUBBING OPERATIONS WILL NOT BE MEASURED FOR SEPARATE PAYMENT, BUT WILL BE ABSORBED UNDER OTHER ITEMS.

2. ALL SIGNS, SIGNALS, PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ARE TO CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2003 EDITION AND ALL SUBSEQUENT REVISIONS).

3. UNDERGROUND UTILITIES ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIS OWN INDEPENDENT INVESTIGATIONS, INCLUDING SUBSURFACE INVESTIGATIONS AS MAY BE NECESSARY TO LOCATE UTILITIES WITHIN PROJECT WORK LIMITS. IN ADDITION, CONTRACTOR SHALL NOTIFY MDOT DISTRICT 2 MAINTENANCE PERSONNEL (CONTACT:BUTCH JAUDON) AT LEAST TWO WEEKS IN ADVANCE OF WORK AT EACH SITE SO THAT MDOT UTILITIES (E.G,, LIGHTING CONDUIT) CAN BE FIELD LOCATED.

4. EQUIPMENT SHOWN ON THESE PLANS ARE IN APPROXIMATE LOCATIONS. ALL EQUIPMENT SHALL BE FIELD LOCATED BY THE CONTRACTOR WITH PROPOSED LOCATIONS APPROVED BY MDOT TO VERIFY PROPER PLACEMENT AND BEST SIGHT DISTANCE FOR DYNAMIC MESSAGE SIGNS, ADEQUATE ROADSIDE PROTECTION, ETC. CONTRACTOR TO STAKE EACH PROPOSED LOCATION A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO REVIEW BY MDOT. THE COST OF FIELD STAKING WILL NOT BE MEASURED FOR SEPARATE PAYMENT, BUT WILL BE ABSORBED UNDER OTHER ITEMS. CONTRACTOR TO INSTALL ALL EQUIPMENT, PULL BOXES, AND CONDUIT WITHIN PUBLIC RIGHT–OF WAY.

5. CONTRACTOR SHALL MAKE THE APPLICATION FOR POWER SERVICE, COORDINATING WITH MDOT AND CITY OFFICIALS, IN ADVANCE OF REQUIRING THE ELECTRICAL SERVICES. IF ELECTRICAL SERVICE REQUIRES SERVICE METER TO BE INSTALLED, CONTRACTOR TO CONTACT THE ELECTRIC UTILITY OWNER. ANY INSTALLATIONS OF AERIAL POWER CIRCUITS OR WOOD POLES TO PROVIDE POWER SERVICE TO BE COST ABSORBED. CONTRACTOR SHALL ESTABLISH POWER SERVICE IN HIS OR HER NAME UTILIZING HIS OR HER BILLING ADDRESS, AND SHALL PAY ALL UTILITY CONNECTION CHARGES AND CHARGES FOR SERVICE UNTIL FINAL PROJECT ACCEPTANCE.

6. PAYMENT FOR FIBER OPTIC CABLE, UNDERGROUND POWER CABLE AND CONDUIT SHALL BE BASED ON HORIZONTAL MEASUREMENTS, WITH NO ADDITIONAL PAYMENT FOR ANY VERTICAL RUNS OR SLACK IN PULLBOXES.

7. FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED IN THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.

8. ALL FIBER OPTIC PULLBOXES SHALL BE EITHER TYPE 4 OR TYPE 5 AS NOTED ON THE PLANS. EACH BELOW GROUND PULLBOX SHALL INCLUDE ADDITIONAL FIBER CABLE SLACK (SEE SPEC. PROVISION 907–657–2 FOR DETAILS). THE ADDITIONAL CABLE WILL BE COST ABSORBED UNDER PAY ITEM NO. 907–657–A.

9. CONDUIT FOR POWER SUPPLY MAY BE RUN IN THE SAME TRENCH LINE AS FIBER LINES, THOUGH SEPARATE ELECTRICAL PULLBOXES ARE TO BE INSTALLED.

10. ALL CONDUITS TO BE SEALED WITH DUCT PLUG TO PREVENT WATER INTRUSION ONCE CABLE IS INSTALLED. COST TO BE ABSORBED UNDER PAY ITEM NOS. 668–A OR 668–B.

11. ALL FIBER SPLICES REQUIRED TO CONNECT TRUNK AND DROP CABLE TO NEW AND EXISTING EQUIPMENT SHALL NOT BE A SEPARATE PAY ITEM, BUT SHALL BE ABSORBED UNDER ITEM NOS. 907–657–A OR 907–657–B.

12. FIBER OPTIC UNDERGROUND JACKED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF FIVE FEET. FIBER OPTIC UNDERGROUND TRENCHED CONDUIT SHALL BE INSTALLED AT A MINIMUM DEPTH OF THREE FEET UNLESS OTHERWISE DIRECTED BY THE ENGINEER. CONDUIT FOR FIBER OPTIC CABLE REQUIRED TO UTILIZE LARGE RADIUS BENDS (MINIMUM RADIUS 6"). NO ELBOW JOINTS ALLOWED.

13. THE CONTRACTOR MAY JACK OR BORE A SINGLE SLEEVE FOR INSTALLATION OF MULTIPLE CONDUITS AT A ROADWAY CROSSING, RATHER THAN JACKING OR BORING INDIVIDUAL CONDUITS. THE INSTALLATION OF THE SLEEVE AND THE FIRST CONDUIT SHALL BE PAID FOR AT THE BID PRICE FOR UNDERGROUND CONDUIT (DRILLED OR JACKED). ADDITIONAL CONDUITS PLACED IN THE SLEEVE SHALL BE PAID FOR AT THE BID PRICE FOR REGULAR UNDERGROUND CONDUIT. NO ADDITIONAL COMPENSATION WILL BE GIVEN FOR LARGER SLEEVE. CONTRACTOR SHALL SUBMIT SIZE OF SLEEVE AND MATERIALS DATA TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

GENERAL NOTES

14. A TRACER (AWG #10 GREEN) WIRE SHALL BE INSTALLED IN CONDUIT THAT CARRIES ONLY FIBER OPTIC CABLE ABSORBED UNDER PAY ITEM NO. 907–657–A OR 907–657–B.

15. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES (E.G., PIPES, INLETS, APRONS, BRIDGES, ETC.) FROM DAMAGE WHICH MIGHT OCCUR DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR (AS DIRECTED BY THE ENGINEER) ANY STRUCTURES DAMAGED DURING THE LIFE OF THE CONTRACT. NO PAYMENT SHALL BE MADE FOR REPLACEMENT OF DAMAGED ITEMS.

16. ANY AREAS DISTURBED DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR (TO INCLUDE GRASSING AND SITE GRADING) AS DIRECTED BY THE ENGINEER. ALL REMOVAL AND REPLACEMENT OF SOD, SIDEWALK, ASPHALT AND CONCRETE, AND BACKFILL ARE COST ABSORBED AND CONSIDERED PART OF THE COST OF THE CONDUIT.

17. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE SURFACE TREATED SHOULDER WHICH MIGHT OCCUR DURING CONSTRUCTION. ANY REPAIR TO SHOULDER WILL BE IN ACCORDANCE WITH SECTION 410 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. NO PAYMENT WILL BE MADE FOR REPAIR OF DAMAGED SHOULDER.

18. WHERE THE CONTRACTOR ENCOUNTERS PAVED DITCHES IN ROUTING OF CONDUIT, HE MAY TRENCH AND REPLACE DITCH OR JACK UNDER DITCH. THIS IS NOT A SEPARATE PAY ITEM. DAMAGE TO PAVED DITCHES (AND/OR OTHER STRUCTURES) CAUSED BY CONTRACTOR DURING THIS PROJECT SHALL BE REPAIRED (AS DIRECTED BY THE ENGINEER) AT NO COST TO THE STATE.

19. WORK ON STRUCTURES FOR THIS PROJECT REQUIRES EXCAVATION IN THE IMMEDIATE VICINITY OF TRAFFIC AND ADJACENT PROPERTIES. THEREFORE, THE RISK OF A FAILURE OCCURRING DURING EXCAVATION REQUIRES THAT EXTREME CAUTION BE EXERCISED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE WHAT BRACING, SHORING OR GROUND SUPPORT SYSTEM THAT IS DEEMED NECESSARY TO PREVENT A FAILURE AND PROTECT PERSONS WORKING NEAR THE EXCAVATION. ALL COSTS FOR DESIGNING, DRAWING AND CONSTRUCTING THE FACILITY SHALL BE INCLUDED IN THE BID FOR CONTRACT ITEMS.

20. THE COST OF DISPOSING OF ALL UNUSED OR REMOVED MATERIALS SHALL BE ABSORBED FOR PAYMENT IN OTHER ITEMS.

21. ALL BASELINES SHOWN ON THESE PLANS ARE FOR GRAPHICAL REFERENCE PURPOSES ONLY AND ARE NOT STAKED IN THE FIELD.

22. THIS PROJECT INCLUDES WORK IN THE STATE OF TENNESSEE. PURSUANT TO AN AGREEMENT BETWEEN THE STATES OF TENNESSEE AND MISSISSIPPI, THE TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT) IS ENTITLED TO MONITOR AND INSPECT CERTAIN PORTIONS OF THE WORK WHICH OCCUR ON TENNESSEE RIGHTS–OF–WAY. THE CONTRACTOR SHALL COORDINATE HIS OR HER SCHEDULE OF OPERATIONS WITH TDOT PERSONNEL, AND SHALL NOTIFY TDOT SHOULD AN INCIDENT OCCUR WITHIN THE STATE OF TENNESSEE. CONTACT PERSON FOR TDOT IS PETE HIETT, TDOT DESIGN DIVISION (615–741–5265).

23. THIS PROJECT INCLUDES WORK IN THE VICINITY OF HIGH–PRESSURE NATURAL GAS FACILITIES OWNED BY TEXAS GAS TRANSMISSION, LLC (TEXAS GAS). SEE WK. NO. ITS–2 FOR APPROXIMATE LOCATIONS. AT LEAST 24 HOURS PRIOR TO ANY WORK NEAR THESE FACILITIES, CONTRACTOR SHALL NOTIFY TEXAS GAS (CONTACT PERSON: CHARLIE CARROLL; PHONE: 901–299–5048). TEXAS GAS RESERVES THE RIGHT TO HAVE AN OFFICIAL REPRESENTATIVE ON SITE DURING THE WORK. CONTRACTOR SHALL COORDINATE WITH TEXAS GAS CONCERNING ANY PERMITS OR OTHER SPECIAL REQUIREMENTS. ALL PERMIT APPLICATIONS AND FEES AND ANY COSTS ASSOCIATED WITH AN ON–SITE REPRESENTATIVE FROM TEXAS GAS SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND WILL NOT BE MEASURED FOR SEPARATE PAYMENT.

24. THIS PROJECT INCLUDES WORK ON PROPERTY OWNED BY THE CITY OF SOUTHAVEN. SEE WK. NO. ITS–2 FOR APPROXIMATE LOCATIONS. AT LEAST ONE (1) WEEK PRIOR TO ANY WORK ON CITY PROPERTY, CONTRACTOR SHALL CONTACT THE CITY'S DIRECTOR OF OPERATIONS (CONTACT PERSON: BRADLEY WALLACE; PHONE: 662–393–4639) AND SHALL COORDINATE ALL PLANNED ACTIVITIES ON CITY PROPERTY WITH THE CITY. IT IS ANTICIPATED THAT NO PERMIT APPLICATIONS OR FEES WILL BE REQUIRED BY THE CITY FOR THIS WORK. CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AND SHALL TAKE EXTREME CARE TO AVOID ANY DAMAGE TO EXISTING UTILITIES, SIDEWALKS, LANDSCAPING OR OTHER APPURTENANCES ON CITY PROPERTY. ANY AND ALL DAMAGES TO SAME SHALL BE REPAIRED TO THE SATISFACTION OF THE STATE AND CITY. SAID REPAIRS WILL BE PERFORMED AT NO COST TO THE STATE OR CITY.

UTILITY OWNERS
ATMOS ENERGY – GAS
TEXAS GAS TRANSMISSION, LLC – GAS
CITY OF SOUTHAVEN – WATER, SEWER, TRAFFIC
AT&T (BELLSOUTH) – TELECOM
COMCAST – TELECOM
MDOT – TRAFFIC, ROADWAY LIGHTING
ENTERGY – ELECTRIC
MEMPHIS LIGHT, GAS & WATER – ELECTRIC

DATE	REVISION	BY

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

PROJ. NO. SP-0017-00(001)
DESOTO & SHELBY (TN) COS.

FILENAME: GN-01.dgn
DESIGN TEAM GS&P CHECKED GS&P DATE 5/20/08

WORKING NUMBER GN-1
SHEET NUMBER 3

PLAN
ROADWAY DESIGN DIVISION
MISSISSIPPI DEPARTMENT OF TRANSPORTATION

5/19/2008 10:31:13 GN-01.DGN