

STATE	PROJECT NUMBER	SHEET NO.
MISSISSIPPI	NH-0015-01(133)	1

GENERAL INDEX

INCLUDED THIS PROJECT	BEGIN WITH SHEET
<input checked="" type="checkbox"/> ROADWAY	1
<input type="checkbox"/> PERMANENT SIGNS	1001
<input type="checkbox"/> TRAFFIC SIGNALS	2001
<input 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"/> BOX CULVERT STD. DRAWINGS (LRFD)	7001
<input type="checkbox"/> BOX CULVERT STD. DRAWINGS (STD. SPEC.)	7501
<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. NH-0015-01(133)

US 84
MIDDLE FORK CREEK
EAST TO JCT SR184E
FRANKLIN COUNTY

FMS. CONST. NO. 107603/301000

SCALES

PLAN	1 IN. = 100 FT.
PROFILE {	HOR. 1 IN. = 100 FT.
	VERT. 1 IN. = 10 FT.
LAYOUT	1 IN. = 1,045 FT.

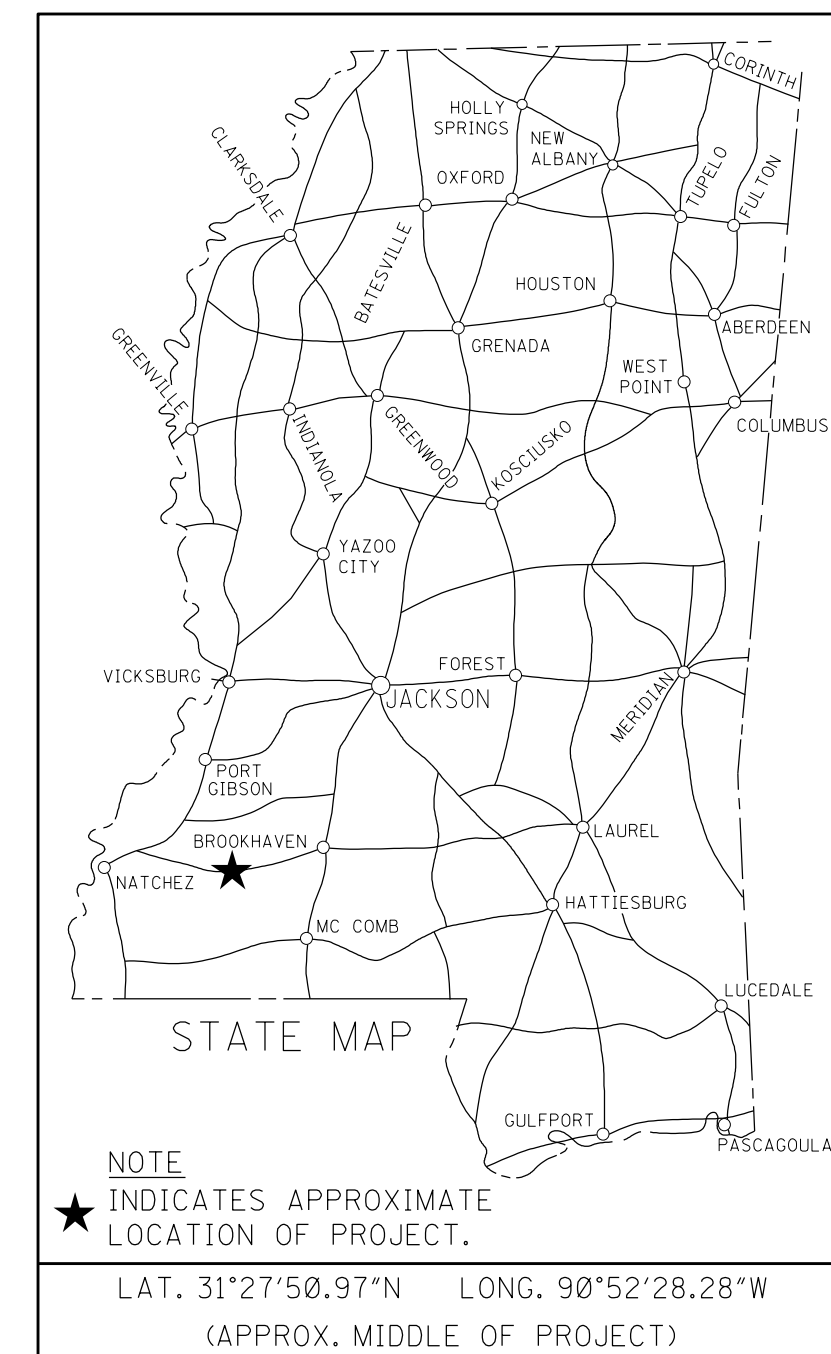
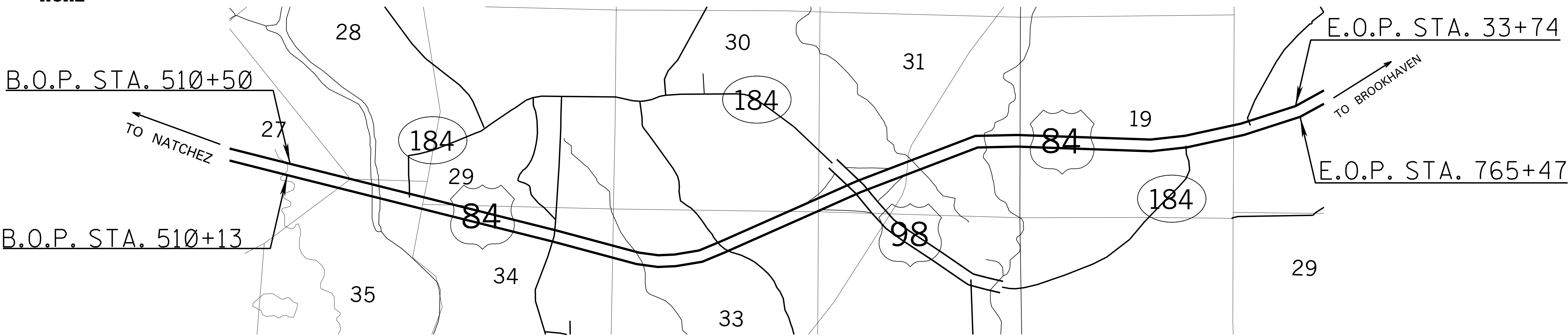


BRIDGE STRUCTURES REQ'D.

NONE

BOX BRIDGES REQ'D.

NONE



DESIGN CONTROL	
65 MPH = V (SPEED DESIGN)	
ADT () = : ADT () =	
DHV = : D = % T = %	
PERMITS ACQUIRED BY MDOT	
WETLANDS AND WATERS PERMITS (NECESSARY FOR ULTIMATE IMPROVEMENTS ONLY):	
	WATERS WETLANDS
NATIONWIDE #14	<input type="checkbox"/> <input type="checkbox"/>
NATIONWIDE (OTHER)*	<input type="checkbox"/> <input type="checkbox"/>
GENERAL*	<input type="checkbox"/> <input type="checkbox"/>
INDIVIDUAL (404)*	<input type="checkbox"/> <input type="checkbox"/>
* ACQUISITION OF PERMITS FOR TEMPORARY IMPACTS DURING CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR	
STORMWATER PERMIT <input checked="" type="checkbox"/>	
Y	REQUIRED, CNOI SUBMITTED BY MDOT (DISTURBED AREA = 5 ACRES)
S	REQUIRED, CNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)
APPROVED BY: _____	

CONVENTIONAL SYMBOLS

COUNTY LINE	-----
TOWN CORPORATION LINE	-----
SECTION LINE	-----
EXISTING ROAD OR TRAVELED WAY	-----
PROPOSED ROAD OR TRAVELED WAY	-----
RAILROAD	-----
SURVEY LINE	-----
BRIDGES	-----

LEFT LANE EQUATIONS

STA. 765 + 49.60 BK = STA. 33 + 12.46 AH = 73,237.14 FT.

LEFT LANE LENGTH DATA

LENGTH OF ROADWAY	24,632.000 FT.	4.665 MI.
LENGTH OF BRIDGES	930.000 FT.	0.176 MI.
LENGTH OF PROJECT (NET)	25,562.000 FT.	4.841 MI.
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	25,562.000 FT.	4.841 MI.

RIGHT LANE EQUATIONS

NONE

RIGHT LANE LENGTH DATA

LENGTH OF ROADWAY	24,604.000 FT.	4.660 MI.
LENGTH OF BRIDGES	930.000 FT.	0.176 MI.
LENGTH OF PROJECT (NET)	25,534.000 FT.	4.836 MI.
LENGTH OF EXCEPTIONS	0.000 FT.	0.000 MI.
LENGTH OF PROJECT (GROSS)	25,534.000 FT.	4.836 MI.

P S & E DATE: 09/13/2017

APPROVED: _____
DEPUTY EXECUTIVE DIRECTOR / CHIEF ENGINEER
EXECUTIVE DIRECTOR _____



9/14/2017 1:36:00 PM TITLE.DGN

STATE	PROJECT NO.
MISS.	NH-0015-01(133)

DESCRIPTION OF SHEET

	<u>WKG. NO.</u>	<u>SH. NO.</u>
TITLE AND LAYOUT SHEET (1)		1
DETAILED INDEX (1)	DI-1	2
GENERAL NOTES (1)	GN-1	3
TYPICAL SECTION SHEETS (3)		
TYPICAL SECTION - US 84 MAINLINE	TS-1	4
TYPICAL SECTION - US 84 MILLING AND OVERLAY	TS-2	5
TYPICAL SECTION - US 84 MILLING AND OVERLAY	TS-3	6
QUANTITY SHEETS (6)		
SUMMARY OF ESTIMATED QUANTITIES	SQ-1	7
SUMMARY OF ESTIMATED QUANTITIES	SQ-2	8
ESTIMATED QUANTITY FOR MILLING AND ASPHALT	EQ-1	9
ESTIMATED QUANTITY FOR ASPHALT AND GRANULAR MATERIAL	EQ-2	10
ESTIMATED BASE FAILURE REPAIR QUANTITIES	EQ-3	11
ESTIMATED QUANTITY FOR TRAFFIC CONTROL SIGNING	TCPQ-1	12
PLAN & PROFILE SHEETS (11)		
STA. 510+00 TO STA. 540+00	WK3	13
STA. 540+00 TO STA. 570+00	WK4	14
STA. 570+00 TO STA. 600+00	WK5	15
STA. 600+00 TO STA. 630+00	WK6	16
STA. 630+00 TO STA. 660+00	WK7	17
N.W. AND N.E. RAMPS	WK7A	18
S.W. AND S.E. RAMPS	WK7B	19
STA. 660+00 TO STA. 690+00	WK8	20
STA. 690+00 TO STA. 720+00	WK9	21
STA. 720+00 TO STA. 750+00	WK10	22
STA. 750+00 TO STA. 34+50	WK11	23
SPECIAL DESIGN SHEETS (6)		
DETAIL OF CONSTRUCTION SIGNING - US 84	DCS-1	24
DETAIL OF CONSTRUCTION SIGNING - US 84	DCS-2	25
DETAIL OF STRIPING CHANNELIZED INTERSECTION	PMD-4	26
DETAIL FOR CURB AND ISLAND PAINTING	DCIS-1	27
TYPICAL PAVEMENT MARKING DETAIL FOR MEDIAN CROSSOVER	SDX0-1	28
GUARDRAIL TYPICAL INSTALLATION AT BRIDGE APPROACHES FOR DIVIDED HIGHWAYS	GR-4-MOD	29
STANDARD DRAWINGS (13)		
PAVEMENT MARKING DETAILS FOR 2-LANE AND 4-LANE DIVIDED HIGHWAYS	PM-1	6051
2-WAY RAISED PAVEMENT MARKERS AT INTERSECTING ROADS (4-LANE)	PM-12	6062
RUMBLE STRIPES 4-LANE HIGHWAYS (ASPHALT LANES, 2FT. OR WIDER ASPHALT SHOULDERS)	RS-2	6065
TYPICAL INSTALLATION OF DELINEATORS	SN-8A	6315
TYPICAL CROSSOVER DELINEATION	SN-8B	6316
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATE AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (EXTENDED PERIOD)	TCP-4	6354
TRAFFIC CONTROL PLAN FOR POSTED SPEED LIMIT OF 65 OR 70 MPH (INTERSTATE AND OTHER 4-LANE DIVIDED HIGHWAYS) (MEDIAN LANE OR OUTSIDE LANE CLOSURE) (WORK DAY ONLY)	TCP-5	6355
HIGHWAY SIGN AND BARRICADE DETAIL FOR CONSTRUCTION PROJECTS	TCP-8	6358
TRAFFIC CONTROL PLAN FOR MOBILE OPERATIONS MULTILANE ROADS AND TWO-LANE ROADS	TCP-9	6359
TRAFFIC CONTROL PLANS UNEVEN PAVEMENT DETAILS	TCP-12	6362
TEMPORARY STRIPING FOR TRAFFIC CONTROL 2-LANE AND 4-LANE DIVIDED HIGHWAYS	TCP-13	6363
TRAFFIC CONTROL DETAILS DRUM PLACEMENT AND SHOULDER CLOSURE	TCP-16	6366
RURAL DRIVEWAYS	RD-1	6403

TOTAL SHEETS (42)

DISTRICT 7		
PS & E PLANS-DATE 09/14/2017		
FMS CON. * 107603/301000		
REVISIONS		
DATE	SHEET NO.	BY

REVISION	MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
	DETAILED INDEX	
	PROJ. NO.: NH-0015-01(133) COUNTY: Franklin	
	WORKING NUMBER DI-1	SHEET NUMBER 2
DATE	FILENAME: <u>(02)index.dgn</u>	DESIGN TEAM _____ CHECKED _____ DATE _____



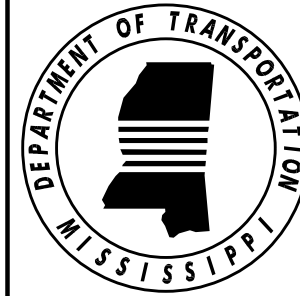
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STATE	PROJECT NO.
MISS.	NH-0015-01(133)

GENERAL NOTES

- ① THE LOCATION AND SPACING OF SIGNS AS SHOWN ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY TO FIT FIELD CONDITIONS.
- ② ALL TRAFFIC CONTROL DEVICES ON THIS PROJECT SHALL COMPLY WITH THE MUTCD (LATEST EDITION).
- ③ FLUORESCENT ORANGE SHEETING SHALL BE USED ON ALL CONSTRUCTION AND TRAFFIC CONTROL SIGNS EXCEPT FOR THOSE DESIGNATED ON THE PLANS TO BE BLACK LEGEND AND BORDER ON WHITE BACKGROUND.
- ④ ALL PLASTIC DRUMS SHALL HAVE A BALLASTING COLLAR MADE FROM RECYCLED TRUCK TIRES OR SUITABLE MATERIAL.
- ⑤ ALL SIGNS AND DELINEATORS THAT CONFLICT WITH THE CONSTRUCTION OF THIS PROJECT SHALL BE REMOVED AND RESET BY THE CONTRACTOR; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑥ THE GRASS ON EXISTING SHOULDERS SHALL BE REMOVED PRIOR TO THE PLACEMENT OF SHOULDER MATERIAL BY LIGHTLY BLADING OR CLOSELY MOWING; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑦ WHERE MILLING OF THE ROADWAY IS REQUIRED, THE CONTRACTOR SHALL PROVIDE OUTLETS IN THE EXISTING SHOULDER AT SUFFICIENT INTERVALS TO PREVENT POOLING OR STANDING WATER ON MILLED SURFACE; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑧ IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING STRUCTURES SUCH AS 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 WILL BE MADE FOR REPLACEMENT OR REPAIR OF DAMAGED ITEMS.
- ⑨ THE CONTRACTOR SHALL REMOVE EXISTING PAVEMENT MARKERS PRIOR TO PLACING ASPHALT; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑩ TEMPORARY STRIPING IS REQUIRED IMMEDIATELY AFTER THE OVERLAYING OPERATION OR PRIOR TO OPENING THE AREA TO TRAFFIC. TEMPORARY STRIPING SHALL BE PLACED IN THE SAME LOCATION AND LAYOUT AS PERMANENT STRIPE.
- ⑪ ALL ASPHALT AND CONCRETE CURBS ALONG RAMPS, LOCAL ROADS, ETC. FROM B.O.P. TO E.O.P. SHALL BE PAINTED (TWO APPLICATIONS) WITH WHITE TRAFFIC PAINT AND TRAFFIC BEADS PER DCIS-1; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑫ IF THE ASPHALT CURB ALONG THE LOCAL ROAD IS SEVERELY DAMAGED, THE ENTIRE ASPHALT CURB WILL BE REMOVED AS DIRECTED BY THE ENGINEER; COST TO BE ABSORBED IN OTHER PAY ITEMS.
- ⑬ ALL LOCAL ROADS TO BE PAVED TO THE R.O.W. LIMITS OR AS DIRECTED.
- ⑭ VOIDS CREATED BY THE REMOVAL OF POSTS, CONCRETE ANCHORS, FOOTINGS, ETC. SHALL BE BACKFILLED AND TAMPED IN ACCORDANCE WITH SECTION 203 OF THE MISSISSIPPI STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- ⑮ ALL RAMPS AND DRIVEWAYS TO BE PAVED TO THE SHOULDER LINE, MINIMUM, OR FURTHER, AS DIRECTED WITHIN THE LIMITS OF THE R.O.W.
- ⑯ GRANULAR MATERIAL WILL NOT BE ALLOWED TO BE PLACED DIRECTLY ON THE SURFACE LIFT OF ASPHALT, BUT MUST BE PLACED DIRECTLY ON THE SHOULDER OR A ROAD WIDENER MACHINE USED AND APPROVED BY THE PROJECT ENGINEER.
- ⑰ IN THE 7.5" FINE MILLING AREAS, AN EXTENDED PERIOD LANE CLOSURE SHALL BE USED (SEE SDTCP-4). THE INTENT IS TO PERFORM THE FINE MILLING AND THE 1 @ 3.5", MT 19MM ASPHALT ON DAY 1, PAVEMENT DROP OFF NO MORE THAN 4"; PLACE THE 1 @ 2.5", MT 12.5MM ASPHALT ON DAY 2; SWAP THE LANE CLOSURE OVER TO THE OTHER LANE AND FINE MILL AND PLACE THE 1 @ 3.5", MT 19MM ASPHALT ON DAY 3; AND PLACE THE 1 @ 12.5MM ASPHALT ON DAY 4. THE 1 @ 1.5", MT 9.5MM ASPHALT WILL BE PLACED WITH THE MAINLINE ROADWAY.
- ⑱ BIDDERS ARE ADVISED THAT HARD COPIES OF ANY ADDENDA FOR THIS PROJECT WILL NO LONGER BE MAILED. ALL ADDENDA FOR THIS PROJECT WILL BE POSTED TO www.mdot.ms.gov UNDER THE PROPOSAL ADDENDA COLUMN. IT IS THE BIDDER'S RESPONSIBILITY TO CHECK AND SEE IF ANY ADDENDA HAVE BEEN POSTED FOR THIS PROJECT. PLEASE CONTACT CONTRACT ADMINISTRATION DIVISION AT 601-359-7700 FOR ANY QUESTIONS REGARDING ELECTRONIC ADDENDA.
- ⑲ STORAGE OF FLAMMABLE MATERIAL WILL NOT BE ALLOWED UNDER ANY BRIDGE STRUCTURE.

9/14/2017 1:36 PM (03) GEN. NOTES.DGN

		MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
		GENERAL NOTES	
		PROJ. NO.: NH-0015-01(133) COUNTY: Franklin	
			
		WORKING NUMBER	
		GN-1	
		SHEET NUMBER	
		3	
REVISION	BY	FILENAME: (03)gen.notes.dgn	
DATE	DESIGN TEAM	CHECKED	DATE