

GENERAL INDEX

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①10-26-07

STATE OF MISSISSIPPI

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

**PLAN OF PROPOSED
STATE PROJECT NO. BWO-6205-24(001)**

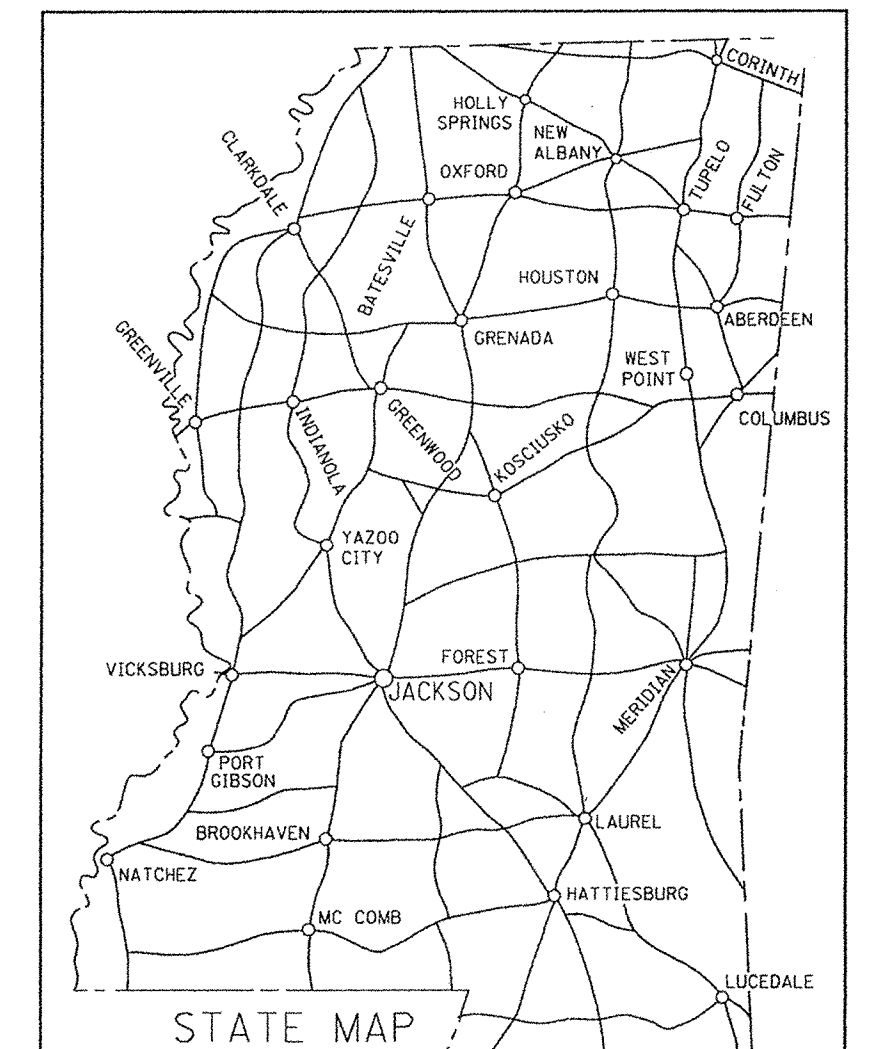
**LYMAN TRANSMITTER BUILDING
(INCLUDES BUILDING & TOWER)
HARRISON COUNTY**

FMS CONST. 501948 /301000

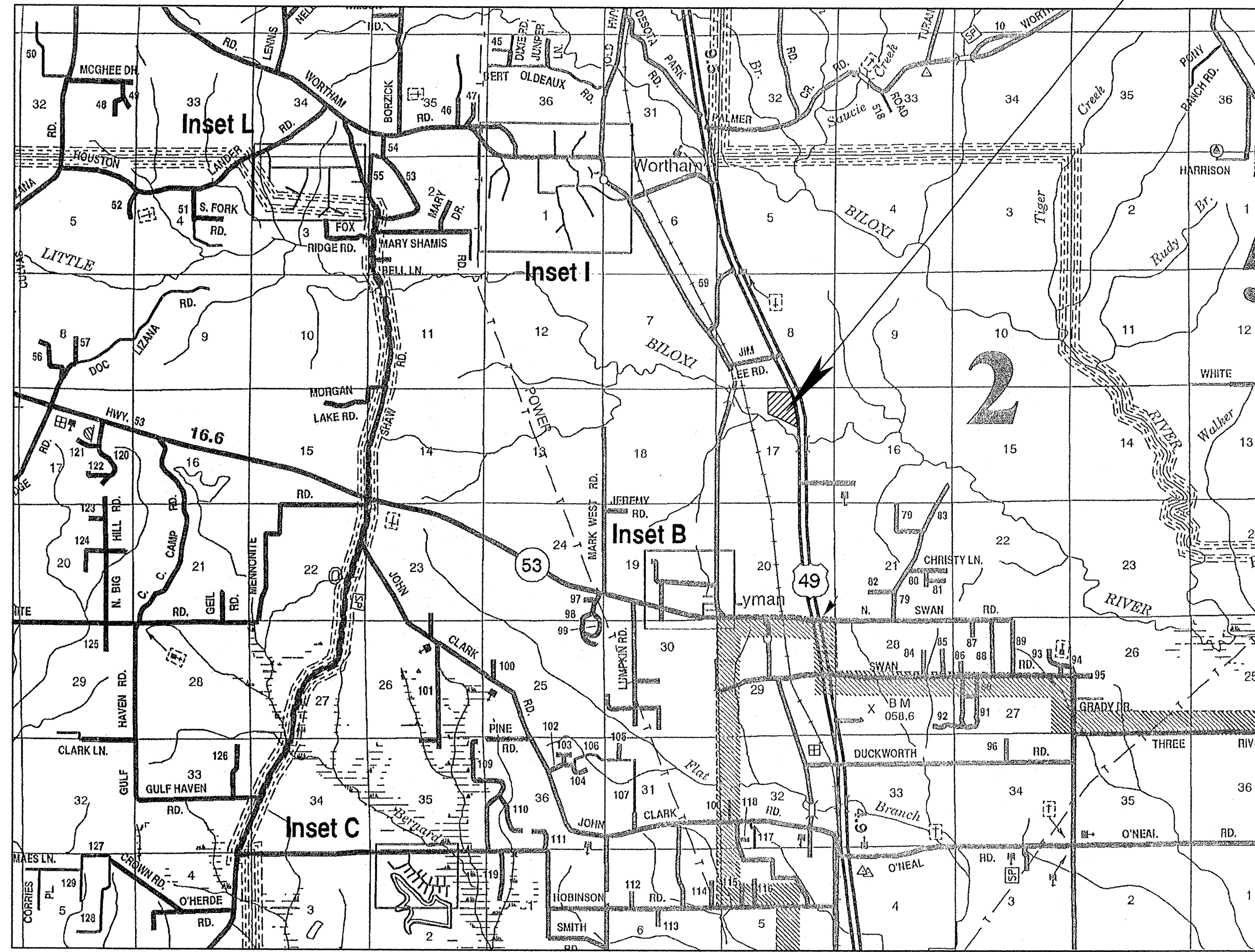
SCALES
PLAN 1 IN. = 40 FT.
LAYOUT 1 IN. = 4,000 FT.

PROJECT SITE

FED. ROAD REG. NO.	STATE	PROJECT NO.	SHEET NO.
4	MISS.	BWO-6205-24(001)	1

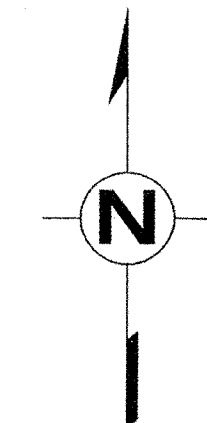


NOTE
★ INDICATES APPROXIMATE LOCATION OF PROJECT.
LAT. 30° 31' 43" N LONG. 89° 06' 40" W
(APPROX. MIDDLE OF PROJECT)



53
TO
POPLARVILLE

TO I-10
TO GULFPORT 49



CONVENTIONAL SYMBOLS

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

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, CNRI SUBMITTED BY MDOT (DISTRIBUTED AREA=5 ACRES+ INTB 6484)	
S	REQUIRED, SCNOI TO BE SUBMITTED BY CONTRACTOR (1 TO 4.99 ACRES)INTB 6483	
N	NO STORMWATER PERMIT REQUIRED (<1 ACRE)	
APPROVED BY:	CKP	DATE: 10/24/07



REVISIONS	DATE	BY	APPROVED:	DATE
			<i>Randy L. Whitfield</i> CHIEF ENGINEER	10/25/07
			<i>Samuel R. Bump</i> EXECUTIVE DIRECTOR	10/25/07
			MISSISSIPPI DEPARTMENT OF TRANSPORTATION	
			APPROVED:	
			DIVISION ADMINISTRATOR	DATE
			FEDERAL HIGHWAY ADMINISTRATION DEPARTMENT OF TRANSPORTATION	

BWO-6205-24(001) HARRISON COUNTY 1

TITLE PROGRAM DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

10/25/2007 11:47:58 TITLE.DGN

GENERAL NOTES

1. This project includes an antenna tower, a hub building, and a generator.
2. The Contractor shall be responsible for making his own independent investigations, including subsurface investigations as may be necessary to locate utilities within the project work limits.
3. Equipment shown on these plans are in approximate locations. All equipment shall be field located by the Contractor with proposed locations approved by MDOT. The cost of field staking will not be measured for separate payment, but will be absorbed under other items.
4. Payment for fiber optic cable and conduit shall be based on horizontal measurements, with no additional payment for any vertical runs or slack in pullboxes.
5. All fiber optic pullboxes shall be Type 5 as noted on the plans. Each below ground pullbox shall include 100' of additional fiber cable slack. The additional cable will be cost absorbed under pay item no. 657-B.
6. Conduit to be sealed with duct sealer once cable is installed. Cost to be absorbed under conduit pay items.
7. All fiber splices required to connect fiber drop cable to new and existing equipment shall not be a separate pay item, but shall be cost absorbed.
8. Fiber optic underground jacked conduit shall be installed at a minimum depth of six 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"). Elbow joints may not be used in conjunction with trunk fiber or where it causes the drop fiber to not meet its minimum bending radius specification.
9. The Contractor may jack or bore a single sleeve for installation of multiple conduits 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.
10. A tracer (AWG #10 Green) wire shall be installed in conduit that carries only fiber optic cable absorbed under pay item no. 657-B.
11. It shall be the responsibility of the Contractor to protect existing structures 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.
12. 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.
13. 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.
14. The cost of disposing of all unused or removed materials shall be absorbed for payment in other items.
15. Location of the proposed antenna tower is approximate only. Exact location of tower must be approved by Engineer.

SUMMARY OF QUANTITIES				
PAY ITEM NO.	PAY ITEM	UNIT	PRELIM.	FINAL
	647-A	PULL BOX, TYPE 5	EACH	2
①	657-B	FIBER OPTIC DROP CABLE, 12 SM	LIN. FT.	1155
②	668-A	TRAFFIC SIGNAL CONDUIT, UNDERGROUND, ROLL PIPE, 2"	LIN. FT.	1130
③	668-B	TRAFFIC SIGNAL CONDUIT, UNDERGROUND DRILLED OR JACKED, ROLL PIPE, 2"	LIN. FT.	50
④	682-A	UNDERGROUND BRANCH CIRCUIT, AWG #2/0, 3 CONDUCTOR	LIN. FT.	105
⑤	907-698-A	ANTENNA TOWER	LUMP SUM	1
⑥	907-698-B	ANTENNA TOWER COMMUNICATIONS HUT	LUMP SUM	1
⑦				

FOOTNOTES:

- ① Shown on plans as F.O. DROP, 12F.
- ② Seeding of disturbed areas to be absorbed under these pay items. Contractor to be responsible for establishing and maintaining vegetative growth until the project is accepted or as directed by the Engineer.
- ③ Installation may be by trenching, plowing or boring at Contractor's discretion. Bid price shall be the same regardless of which installation method is used. Schedule 80 PVC may be used in place of roll pipe if desired by Contractor.
- ④ Jacked or bored conduit to be a minimum of 6' deep.
- ⑤ Refer to Special Provision #907-698-1 and NTB#1759
- ⑥ The bid price for drilled or jacked conduit shall only apply to locations in the plans where conduit is designated as (BORED).
- ⑦ Actual length of the bore is 25'. However, there are two conduits in the bore. Quantity is total conduit length, not bore length.

PLAN ROADWAY DESIGN DIVISION MISSISSIPPI DEPARTMENT OF TRANSPORTATION

10/25/2007 11:50:19 SQ-1.DGN

FMS-501948/301000

PS & E PLANS-DATE 10/26/07		
REVISIONS		
DATE	SHEET NO.	BY

DATE	REVISION	BY

ASU

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND SUMMARY OF QUANTITIES

PROJ. NO. BWO-6205-24(001)
HARRISON COUNTY

WORKING NUMBER
SQ-1

FILENAME: _____
DESIGN TEAM GS&P CHECKED SM DATE 10/07

SHEET NUMBER
2