BE IT REMEMBERED that the Board of Supervisors of Clay County Mississippi, met at the Courthouse in West Point, Mississippi on the 25th day of April, 2011 at 9 00 o clock a m and present were R B Davis, President of the Board Lynn Horton Vice President Shelton Deanes Luke Lummus, and Floyd McKee Also present at said meeting were Harmon V Robinson Clerk of the Board, and Laddie Huffman Sheriff when and where the following proceedings were had and determined, to-wit

NO _____

IN THE MATTER OF ADOPTING THE NEW FLOOD CONTROL MAPS REFERENCED AS FLOOD INSURANCE RATE MAPS

There came on this day for consideration adopting the new flood control maps referenced as flood insurance rate maps

It appears that FEMA has provided new maps that detail the flood areas of Clay County and the necessary guidelines for approval and adoption have been followed

After motion by Mr Deanes and second by Mr Lummus this Board doth vote unanimously to adopt the maps as provided by FEMA relating to the Clay County Insurance Study dated May 3, 2011

So ordered this the 25th day of April 2011

President

NO _____

IN THE MATTER OF AUTHORIZING THE PRESIDENT OF THIS BOARD TO EXECUTE A CONTRACT WITH LEGACY BUILDING COMPANY, LLC FOR PHASE III RENOVATION OF THE CLAY COUNTY AGRICULTURAL SCHOOL

There came on this day the matter of authorizing the President of this Board to execute a contract with Legacy Building Company, LLC for Phase III renovation of the Clay County Agricultural School

After motion by Mr McKee and second by Mr Horton this Board doth vote unanimously to authorize the President to execute the attached contract marked as exhibit A

So ordered this the 25th day of April, 2011

President

AIA® Document A101™ – 2007

Standard Form of Agreement Between Owner and Contractor where the basis of payment is a Stipulated Sum

AGREEMENT made as of the Seventh day of April in the year Two Thousand Eleven
(In words, indicate day, month and year.)

BETWEEN the Owner
(Name, legal status, address and other information)

Clay County Board of Supervisors
P O Box 815
West Point, MS 39773

and the Contractor
(Name, legal status, address and other information)

Legacy Building Company, LLC
P O Box 851
Starkville Mississippi 39760

for the following Project
(Name, location and detailed description)

West Clay Agricultural High School
Limited Renovation Phase III
Clay County Mississippi

The Architect
(Name, legal status, address and other information)

Pryor & Morrow Architects and Engineers
5227 South Frontage Road
Columbus, Mississippi 39703

The Owner and Contractor agree as follows

ADDITIONS AND DELETIONS
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

AIA Document A201™–2007, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

Exhibit A

Init.

TABLE OF ARTICLES

1 THE CONTRACT DOCUMENTS

2 THE WORK OF THIS CONTRACT

3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

4 CONTRACT SUM

5 PAYMENTS

6 DISPUTE RESOLUTION

7 TERMINATION OR SUSPENSION

8 MISCELLANEOUS PROVISIONS

9 ENUMERATION OF CONTRACT DOCUMENTS

10 INSURANCE AND BONDS

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral An enumeration of the Contract Documents, other than a Modification appears in Article 9

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ 3 1 The date of commencement of the Work shall be the date of this Agreement unless a different date is stated below or provision is made for the date to be fixed in a notice to proceed issued by the Owner

(Insert the date of commencement if it differs from the date of this Agreement or if applicable, state that the date will be fixed in a notice to proceed.)

Date of Commencement will be fixed in a separate Notice to Proceed

If, prior to the commencement of the Work, the Owner requires time to file mortgages and other security interests, the Owner's time requirement shall be as follows

§ 3 2 The Contract Time shall be measured from the date of commencement

§ 3.3 The Contractor shall achieve Substantial Completion of the entire Work not later than Ninty (90) days from the date of commencement, or as follows

(Insert number of calendar days Alternatively, a calendar date may be used when coordinated with the date of commencement. If appropriate insert requirements for earlier Substantial Completion of certain portions of the Work.)

Init.

/

(Table deleted)

subject to adjustments of this Contract Time as provided in the Contract Documents

(Insert provisions if any for liquidated damages relating to failure to achieve Substantial Completion on time or for bonus payments for early completion of the Work.)

ARTICLE 4 CONTRACT SUM

§ 4 1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor s performance of the Contract. The Contract Sum shall be One Hundred Fifty nine Thousand Seven Hundred Seventy eight Dollars and Zero Cents ($ 159,778 00), subject to additions and deductions as provided in the Contract Documents.

§ 4 2 The Contract Sum is based upon the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner

(State the numbers or other identification of accepted alternates If the bidding or proposal documents permit the Owner to accept other alternates subsequent to the execution of this Agreement attach a schedule of such other alternates showing the amount for each and the date when that amount expires)

Base Bid	$164 703 00
Post Bid Negotiations	
Omit 2x4 framing, insulation drywall, and paint at exterior walls	4 350 00
Omit duplex electrical outlets at exterior walls	575 00
Total Contract Sum	$159 778 00

§ 4 3 Unit prices if any

(Identify and state the unit price state quantity limitations if any to which the unit price will be applicable)

Item	Units and Limitations	Price Per Unit ($0 00)
N/A		

§ 4 4 Allowances included in the Contract Sum it any

(Identify allowance and state exclusions if any from the allowance price)

Item	Price
N/A	

ARTICLE 5 PAYMENTS

§ 5 1 PROGRESS PAYMENTS

§ 5 1 1 Based upon Applications for Payment submitted to the Architect by the Contractor and Certificates for Payment issued by the Architect the Owner shall make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents

§ 5 1 2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows

Twentieth day of the month

§ 5 1 3 Provided that an Application for Payment is received by the Architect not later than the Twenty-Fifth day of a month, the Owner shall make payment of the certified amount to the Contractor not later than the Twenty Fifth day of the following month If an Application for Payment is received by the Architect after the application date fixed above, payment shall be made by the Owner not later than Forty Five (45) days after the Architect receives the Application for Payment

(Federal state or local laws may require payment within a certain period of time)

§ 5 1 4 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents The schedule of values shall allocate the entire Contract

Sum among the various portions of the Work The schedule of values shall be prepared in such form and supported by such data to substantiate its accuracy as the Architect may require This schedule, unless objected to by the Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment

§ 5 1 5 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

§ 5 1 6 Subject to other provisions of the Contract Documents, the amount of each progress payment shall be computed as follows

1 Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of Five percent (5 %) Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute shall be included as provided in Section 7 3 9 of AIA Document A201™–2007, General Conditions of the Contract for Construction,
2 Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of Five percent (5 %),
3 Subtract the aggregate of previous payments made by the Owner and
4 Subtract amounts if any, for which the Architect has withheld or nullified a Certificate for Payment as provided in Section 9 5 of AIA Document A201–2007

§ 5 1 7 The progress payment amount determined in accordance with Section 5 1 6 shall be further modified under the following circumstances

1 Add upon Substantial Completion of the Work a sum sufficient to increase the total payments to the full amount of the Contract Sum, less such amounts as the Architect shall determine for incomplete Work, retainage applicable to such work and unsettled claims, and
(Section 9 8 5 of AIA Document A201–2007 requires release of applicable retainage upon Substantial Completion of Work with consent of surety if any)
2 Add if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with Section 9 10 3 of AIA Document A201–2007

§ 5 1 8 Reduction or limitation of retainage if any, shall be as follows
(If it is intended, prior to Substantial Completion of the entire Work, to reduce or limit the retainage resulting from the percentages inserted in Sections 5 1 6 1 and 5 1 6 2 above, and this is not explained elsewhere in the Contract Documents insert here provisions for such reduction or limitation.)

§ 5 1 9 Except with the Owner s prior approval, the Contractor shall not make advance payments to suppliers for materials or equipment which have not been delivered and stored at the site

§ 5 2 FINAL PAYMENT

§ 5 2.1 Final payment, constituting the entire unpaid balance of the Contract Sum shall be made by the Owner to the Contractor when

1 the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Section 12 2 2 of AIA Document A201–2007 and to satisfy other requirements if any which extend beyond final payment, and
2 a final Certificate for Payment has been issued by the Architect

§ 5.2.2 The Owner's final payment to the Contractor shall be made no later than 30 days after the issuance of the Architect's final Certificate for Payment, or as follows

Final payment will be made after receipt review, and approval of all close-out submittals.

ARTICLE 6 DISPUTE RESOLUTION

§ 6 1 INITIAL DECISION MAKER

The Architect will serve as Initial Decision Maker pursuant to Section 15 2 of AIA Document A201–2007 unless the parties appoint below another individual not a party to this Agreement to serve as Initial Decision Maker
(If the parties mutually agree insert the name address and other contact information of the Initial Decision Maker if other than the Architect)

§ 6 2 BINDING DISPUTE RESOLUTION

For any Claim subject to, but not resolved by mediation pursuant to Section 15 3 of AIA Document A201–2007 the method of binding dispute resolution shall be as follows
(Check the appropriate box If the Owner and Contractor do not select a method of binding dispute resolution below or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction)

[X] Arbitration pursuant to Section 15 4 of AIA Document A201–2007

[ ] Litigation in a court of competent jurisdiction

[ ] Other *(Specify)*

ARTICLE 7 TERMINATION OR SUSPENSION

§ 7 1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A201–2007

§ 7 2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A201–2007

ARTICLE 8 MISCELLANEOUS PROVISIONS

§ 8 1 Where reference is made in this Agreement to a provision of AIA Document A201–2007 or another Contract Document the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents

§ 8 2 Payments due and unpaid under the Contract shall bear interest from the date payment is due at the rate stated below or in the absence thereof, at the legal rate prevailing from time to time at the place where the Project is located
(Insert rate of interest agreed upon, if any)

Legal Rate

8 3 The Owner s representative
(Name address and other information)

Robbie Robinson
P O Box 815
West Point, MS 39773

(Paragraphs deleted)

§ 8 4 The Contractor s representative
(Name address and other information)

William E Doughty Jr
P O Box 851
Starkville, Mississippi 39760

§ 8 5 Neither the Owner's nor the Contractor's representative shall be changed without ten days written notice to the other party

§ 8 6 Other provisions

ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS

§ 9 1 The Contract Documents except for Modifications issued after execution of this Agreement, are enumerated in the sections below

§ 9 1 1 The Agreement is this executed AIA Document A101–2007 Standard Form of Agreement Between Owner and Contractor

§ 9 1 2 The General Conditions are AIA Document A201–2007 General Conditions of the Contract for Construction

§ 9 1 3 The Supplementary and other Conditions of the Contract

Document	Title	Date	Pages
Project Manual	West Clay Agricultural High School – Limited Renovation – Phase III	December 17 2010	Section 00100 01780

§ 9 1 4 The Specifications
(Either list the Specifications here or refer to an exhibit attached to this Agreement.)
Project Specifications exhibit: Exhibit "A"
(Table deleted)

§ 9 1 5 The Drawings
(Either list the Drawings here or refer to an exhibit attached to this Agreement.)
Contract Drawings exhibit: Exhibit "B'
(Table deleted)

§ 9 1 6 The Addenda, if any

Number	Date	Pages
Addendum No 1	February 18 2011	2

Portions of Addenda relating to bidding requirements are not part of the Contract Documents unless the bidding requirements are also enumerated in this Article 9

§ 9 1 7 Additional documents, if any forming part of the Contract Documents

1 AIA Document E201™–2007 Digital Data Protocol Exhibit if completed by the parties or the following

Proposal form dated February 24 2011 and signed by William Doughty Jr, manager for Legacy Building Company LLC

2 Other documents, if any listed below
(List here any additional documents that are intended to form part of the Contract Documents AIA Document A201–2007 provides that bidding requirements such as advertisement or invitation to bid, Instructions to Bidders sample forms and the Contractor s bid are not part of the Contract Documents unless enumerated in this Agreement They should be listed here only if intended to be part of the Contract Documents.)

ARTICLE 10 INSURANCE AND BONDS

The Contractor shall purchase and maintain insurance and provide bonds as set forth in Article 11 of AIA Document A201–2007

(State bonding requirements, if any and limits of liability for insurance required in Article 11 of AIA Document A201–2007)

Type of insurance or bond	Limit of liability or bond amount ($0.00)
Bonds and Insurance as required in Specifications Section 00200	

This Agreement entered into as of the day and year first written above

OWNER *(Signature)*	**CONTRACTOR** *(Signature)*
Robbie Robinson, Chancery Clerk	William E Doughty, Jr , Manager
(Printed name and title)	*(Printed name and title)*

EXHIBIT "A"

SECTION 00010

TABLE OF CONTENTS

INTRODUCTORY INFORMATION

Section 00001 Title Page
Section 00010 Table of Contents
Section 00015 Drawing Index

BIDDING REQUIREMENTS

Section 00100 Advertisement
Section 00200 Instructions to Contractors
Section 00400 Proposal Form

CONTRACT REQUIREMENTS

N/A

DIVISION 1 – GENERAL REQUIREMENTS

Section 01110 Summary of Work
Section 01140 Work Restrictions
Section 01210 Allowances
Section 01290 Payment Procedures
Section 01290A Affidavit Certifying Payment to all Subcontractors
Section 01310 Project Management and Coordination
Section 01320 Construction Progress Documentation
Section 01330 Submittal Procedures
Section 01580 Project Identification
Section 01630 Product Substitution Procedures
Section 01730 Execution
Section 01740 Cleaning
Section 01775 Warranty
Section 01780 Closeout Submittals

DIVISION 2 – SITE CONSTRUCTION

Section 02220 Demolition

DIVISION 3 – CONCRETE

N/A

DIVISION 4 – MASONRY

N/A

DIVISION 5 – METALS

N/A

DIVISION 6 – WOOD & PLASTICS

Section 06100 Rough Carpentry
Section 06200 Finish Carpentry

DIVISION 7 – THERMAL & MOISTURE PROTECTION

Section 07210 Building Insulation
Section 07920 Joint Sealant

DIVISION 8 – DOORS & WINDOWS

Section 08215 Stile & Rail Wood Doors

DIVISION 9 – FINISHES

Section 09120 Suspended Gypsum Board Ceiling
Section 09250 Gypsum Board
Section 09280 Plaster Repair
Section 09648 Wood Strip Flooring
Section 09650 Vinyl Composition Tile
Section 09910 Paint

DIVISION 10 – SPECIALTIES

N/A

DIVISION 11 – EQUIPMENT

N/A

DIVISION 12 – FURNISHINGS

N/A

DIVISION 13 – SPECIAL CONSTRUCTION

N/A

DIVISION 14 – CONVEYING SYSTEMS

N/A

DIVISION 15 – MECHANICAL

Section 15090 General Requirements
Section 15050 Basic Materials and Methods
Section 15075 Mechanical Identification
Section 15080 Insulation
Section 15140 Pipe, Fittings, and Valves
Section 15740 Electric Heat Pumps
Section 15810 Ducts
Section 15950 Testing, Adjusting, and Balancing

DIVISION 16 – ELECTRICAL

Section 16000 General Requirements
Section 16050 Basic Materials and Methods
Section 16400 Service and Distribution
Section 16500 Lighting
Section 16720 Telephone System

APPENDIX

Project Identification (sign) requirements

END OF SECTION

EXHIBIT "B"

Table of Contents

Sheet	Description
[illegible]	TITLE / COVER SHEET
A	ARCHITECTURAL
A01	EXISTING FIRST FLOOR PLAN
A02	EXISTING SECOND FLOOR PLAN
A10	FIRST FLOOR DEMOLITION PLAN
[illegible]	SECOND FLOOR DEMOLITION PLAN ALTERNATE NO 1
A11	PROPOSED FIRST FLOOR PLAN
A 1	PROPOSED SECOND FLOOR PLAN - ALTERNATE NO 1
A50	LARGE SCALE DETAILS
[illegible]	ROOM FINISH SCHEDULE / DOOR SCHEDULE / [illegible]
Sheet	Description
M	MECHANICAL
M1	FIRST FLOOR MECHANICAL PLAN
M1 A	SECOND FLOOR MECHANICAL PLAN - ALTERNATE NO 1
M5 1	MECHANICAL [illegible]
M [illegible]	SCHEDULES
P	PLUMBING
P1	FIRST FLOOR PLUMBING PLAN
P1 2	SECOND FLOOR PLUMBING PLAN
P1 2A	SECOND FLOOR PLUMBING PLAN - ALTERNATE NO 1
E	ELECTRICAL
E1 1	FIRST FLOOR LIGHTING PLAN
E1 2	SECOND FLOOR LIGHTING PLAN
E1 2A	SECOND FLOOR LIGHTING PLAN - ALTERNATE NO 1
E2 1	FIRST FLOOR POWER PLAN
E2 2A	SECOND FLOOR POWER PLAN - ALTERNATE NO 1
E3 1	FIRST FLOOR COMMUNICATION PLAN
E3 2A	SECOND FLOOR COMMUNICATION PLAN - ALTERNATE NO 1
E4	DETAILS AND SCHEDULES
E5 1	SCHEDULES
E6 1	LEGENDS

CERTIFICATE OF LIABILITY INSURANCE

ISSUE DATE (MM/DD/YYYY) 04/_3/11

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER

IMPORTANT If the certificate holder is an ADDITIONAL INSURED the policy(ies) must be endorsed. If SUBROGATION IS WAIVED subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s)

PRODUCER Lyon Insurance Agency Inc P O Box 752 West Point MS 39773	CONTACT NAME: PHONE (A/C No Ext): FAX (A/C No): E-MAIL ADDRESS: PRODUCER CUSTOMER ID #:
MEMBER Legacy Building Company LLC P C Box 351 Starkv_lle MS 39760	INSURER(S) AFFORDING COVERAGE — NAIC # INSURER A: BCAM - Bul_ders & Cortractors Assn of MS SIF INSURER B: INSURER C: INSURER D: INSURER E: INSURER F:

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE MEMBER NAMED ABOVE FOR THE POLICY PERIOD INDICATED NOTWITHSTANDING ANY REQUIREMENT TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	CERT NUMBER	CERT EFF DATE (MM/DD/YYYY)	CERT EXP DATE (MM/DD/YYYY)	LIMITS	
	GENERAL LIABILITY						EACH OCCURRENCE	$
	COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	$
	CLAIMS MADE OCCUR						MED EXP (Any one person)	$
							PERSONAL & ADV INJURY	$
							GENERAL AGGREGATE	$
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS COMP/OP AGG	$
	POLICY PRO-JECT LOC							$
	AUTOMOBILE LIABILITY						COMBINED SINGLE LIMIT (Ea accident)	$
	ANY AUTO						BODILY INJURY (Per Person)	$
	ALL OWNED AUTOS						BODILY INJURY (Per accident)	$
	SCHEDULED AUTOS						PROPERTY DAMAGE (Per accident)	$
	HIRED AUTOS							$
	NON-OWNED AUTOS							$
	UMBRELLA LIAB OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB CLAIMS MADE						AGGREGATE	$
	DEDUCTIBLE							$
	RETENTION $							$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N If yes, describe under DESCRIPTION OF OPERATIONS below	N/A		WC_09 3019776	06/30/10	06/30/11	WC STATU TORY LIMITS OTHER	
							E.L. EACH ACCIDENT	$ 1 000 000
							E.L. DISEASE EA EMPLOYEE	$ 1 000 000
							E.L. DISEASE POLICY LIMIT	$ 1 000 000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES

CERTIFICATE HOLDER	**CANCELLATION**
CLAY COUNTY BOARD OF SUPERVISORS P O BOX 315 WEST POINT MS 39773	SHOULD ANY OF THE ABOVE DESCRIBED CERTIFICATES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE CERTIFICATE PROVISIONS **AUTHORIZED REPRESENTATIVE** G Martin Mstead

BCAMCERT.ITD (rev 05/2010)

P O Box 1380
Ridgeland, MS 39158-1380
Phone (601) 853-4949 Toll Free 1-800 264 8085

To: Clay County Board of Supervisors **From:** Misi Moreland

Fax: 662-492-4059 **Date:** 4/13/2011 11 19 24 AM

Phone: **Pages:** 2

Re: Certificate of Insurance

Confidentiality Notice:
Confidential Information Enclosed

IN THE MATTER OF PUBLIC HEARINGS FOR THE CONSIDERATION OF SUPERVISOR AND JUSTICE COURT/CONSTABLE REDISTRICTING PLANS

There came on this day for consideration the matter of public hearings and for the consideration of Supervisor and Justice Court/Constable redistricting plans, and

It appears that the said hearings were noticed in the *Daily Times Leader*, a daily published newspaper in Clay County, Mississippi, for 10 00 o'clock A M in the Courthouse of Clay County, and

It appears that said public hearings were held and attended by those citizens as evidenced by the sign-up sheet incorporated herein as Exhibit "A"

After comments and discussion, this Board will consider the proposed plans and doth hereby adjourn until 9 00 o'clock A M on May 2, 2011

C. B. [illegible]

President

CLAY COUNTY PUBLIC HEARING
PROPOSED REDISTRICTING PLAN FOR SUPERVISOR DISTRICTS
CLAY COUNTY COURTHOUSE
WEST POINT, MISSISSIPPI

Monday April 25, 2011
10 00 p.m

NAME	ADDRESS	DO YOU WISH TO MAKE A STATEMENT? YES	NO
[illegible] Robinson	1025 [illegible] St, West Point		✓
[illegible]	1695 Barton Ferry - WP		✓
[illegible]	1155 Webber Rd.		✓
[illegible]	734 [illegible] Rd		✓
[illegible]	11257 [illegible] Rd		
Floyd McK[illegible]	22906 Hwy 50 West Point		✓
Sheena Baker			✓
Luke Lummus	720 Lummus Rd.		✓
Larry Annis	P.O. Bx 855	✓	
Eddie Longstreet	621 [illegible] St West Point		✓
Lewis Stafford	1625 Old Hwy 10, W P		✓
Richard Ambrose	533 Mayhew St W.P.		✓
Johnnie E. Rosberry	1005 Little St. W.P.	✓	
Jesse Ivy	P.O. Box 98 Pheba Ms. 39755	✓	
Amy Berry	2800 Quail Ridge Rd		✓
[illegible]	[illegible]		X
[illegible]	GTPDD, Inc		✓
David [illegible]	[illegible] Starkville, MS		✓
[illegible]	[illegible] Dr, Starkville MS		✓

Clay County, MS
Redistricting Public Hearing
April 25, 2011

Dr Johnnie E Rasberry Comment was he would like the Board to consider voting patterns of people in the districts He would like for a study to be conducted on voting patterns before the Board adopts a plan

Jesse Ivy His comment was there was no minority representation on the Planning and Development District demographer team

Glen Pate Considers the plan a good job by the Redistricting Team

Luke Lummus Mr Lummus stated that he was pleased with the plan and of the five Supervisor's districts three are majority African American

Mr Lynn Horton Praised the plan, however, he asked that a portion south of Main Street be placed back under District Three (Mr Horton's District being Supervisor's District One)

Mr Sanford's comment regarding Jesse Ivy's comment was there was an African American computer specialist involved in the demographer team

IN THE MATTER OF DESTROYING OLD SURRENDERED CAR TAGS THAT HAVE BEEN CERTIFIED TO THE BOARD BY THE TAX COLLECTOR

There came on this day for consideration the matter of destroying old surrendered car tags that have been certified to the Board by the Tax Collector

It appears to this Board that Becky Dendy, Clay County Tax Collector has certified to the Board of Supervisors that the attached list marked exhibit A is a list of the car tags surrendered for the time period stated there in

SO ORDERED, this the 25th day of April 20 11

PRESIDENT

TERETHA RUPERT, TAX ASSESSOR COLLECTOR
CLAY COUNTY, MISSISSIPPI

Teretha Rupert, Tax Assessor/Collector of Clay County do hereby certify that the vehicle tags as listed on the attached were surrendered to our office These tags listed will be destroyed and the original list has been presented to the Clay County Chancery Clerk

The tags listed here were surrendered to our office between the period of March 19, 2011 ***and*** April 18, 2011

Teretha Rupert
Teretha Rupert, Tax Assessor/Collector

April 19, 2011
Date

P O Box 795, 205 Court Street, West Point, MS 39773
Phone (662) 494-2724 Fax (662) 494-7452

DBI9066
CYE 369
CY2 313
3-23 CYH 657
DB A 2065
SJ 3698 SJ
CYR 043
CY1 404

DB 33
CY6 369
MSU 61M11
CY5 077
JNL 541
331 CYH 2600
CYF 345
DB/L2340
CY6 311

CYN 587
CYE 739
CYK 408
4/5 m8 Kinit
WLD Y782WD
VR LOL BR
B10 3AK 797

4-15 CYB 687
B10/3AK 75
CYM 234
4-16 CYI 740
CYP 345
CYM 600
CY6251

TAGS SURRENDERED FOR CREDIT OR NO LONGER BEING USED ON VEHICLE ISSUED FOR

AFTER LIST IS PRESENTED TO THE BOARD OF SUPERVISORS, THESE TAGS MAY BE DESTROYED

3-15 CYM 406
O58CYP
CYQ 3608
WD/6ED8 WD
DB I9013
CYQ 591
CYM 912
CY6 007
CYM 775
CYE 112
CYM 386
3-17 RAT 89
CY4 172
3/18 CYQ 881
CYD 436
CY6 221
CYJ 202
CYE 600
CY4 267
CYQ 344
CY2 588
PTLR 5939P
CYE 401
NEC 200
3/21 DB/I9184
CYQ 060
CYL 469
CY2 518
CYQ 842
MC 21143
CYJ 418
DB I9066
CYE 369
CY2 313
3-23 CYH 657
DB A 2065
SJ 3698 SJ
CYR 043
CYI 464

CYQ 574
3/24 CYC 834
CYL 341
CYE 794
3/25 CYL 340
CYM 215
CYB 972
CYB 894
CYL 230
MSU/83/M4
3/28 CYA 292
DB/C28C7
DB/L2463
PTLR2 9710P
CYD 857
MC/55624
CYI 638
3-29 CYD 538
CYI 902
F10/AW536
F10 IAI 524
CYD 099
CYQ 428
CY6 419
CYN 806
CYB 253
3-30 UMG1R71
F-10/IAE 797
CYH 214
BB 33
CY6 369
MSU/61M11
CY5 077
JAL 541
3-31 CYH 260
CYF 345
DB/L2370
CY6 311

B10/2062BF
KTI 192
MSU 947MS
MA2 542
CYJ 208
CYL 375
WEG 446
CYH 455
CYI 701
KT8 227
4-1 CY4 685
CYQ 518
CYM 340
CYN 6T7
CYP 051
PHRT/P425B
CYD 449
KTF 636
DB I9068
MZTANG1
COUIA12
4-4 CYF 225
CY4 440
CYE 205
CYI 869
VR MZ Tang1
DB C2912
DU E166
CYK 224
CYP 848
CYN 587
CYE 739
CYK 408
4/5 MS Kinit
WLD Y782WD
VR LOL BR
B10 3AK 797

CY 2980
CYF 300
CYC 847
VET X605V
ATL 001
4/6 CYG 151
CD/5736CD
CY2-874
4/8 CYD 740
CYF 917
MSU 21M16
4/11 CY5988
MC 47536
CYE 406
VR Tang
CYQ 274
CYN 867
CY3 020
CYD 570
CYP 006
CYE 430
CYM 558
4-13 DB L2476
CY5819
DB/L2458
LT5719
MZ SanLS
4-14 CYN 762
CYD 880
CY5 745
CYE 177
4-15 CYB 687
B10/3AK 75?
CYM 234
4-16 CYI 740
CYP 345
CYM 600
CY6 251

IN THE MATTER OF A PERMIT APPLICATION FOR A UTILITY EASEMENT

There came on this day for consideration the matter of a permit application for a utility easement.

This Board doth vote unanimously to approve the attached permit application of AT&T Waverly Road & Railroad Road, which has been approved by the County Engineer Robert Calvert.

SO ORDERED, this the 25 day of April, 2011

R B Davis
PRESIDENT

Karon L Scott
1002 Main St
Columbus, MS 39701

T 662 327 8319
F 662 329 0193
Karon scott@att com

April 4, 2011

Mr John Freeman
P O Drawer 1078
West Point, MS 39773

Dear Mr Freeman,

Transmitted herewith is a permit application covering the placement of approximately 8500' of fiber cable to serve the existing cell tower on Railroad Rd

Please review and send letter of approval to be filed with our job If you have questions or need additional information, please call me at 662-327-8319

Sincerely,

Karon L Scott
Mgr OSP Plng & Design SE/CA

Enclosures

FORM-SAD ROW-U2

PERMIT APPLICATION FOR USE AND OCCUPANCY AGREEMENT FOR

THE CONSTRUCTION OR ADJUSTMENT OF A UTILITY

WITHIN ROAD OR HIGHWAY RIGHT-OF-WAY

FACILY ALONG OR ACROSS **Waverly Rd & Railroad Rd** COUNTY ROAD

PROJECT NO ____ COUNTY OF ____

UTILITY NAME **AT&T** BY **Mrg OSP Plng & Dsgn** (Company Title)

ADDRESS **1002 Main St, Columbus, MS 39701** herein called APPLICANT, Proposes to construct **telecommunications** Utility Facility Along or across **Waverly Rd & Railroad Rd** (Name of Road) County road, said facility to be installed between Sta ____ and Sta ____ of Project No ____ and within road or highway right-of-way, and hereby makes application to the County for the construction permit Attached hereto are drawings or plans for the construction which will not be changed or altered without approval of the Board of Supervisors or its authorized representative

WHEREAS, the legislature of Mississippi has heretofore granted to the Applicant the right to locate its facilities upon, across under, over and along public highways and streets within the State of Mississippi Applicant agrees to comply with the applicable provisions of S O P No SAD II-2-8, Policy for the Accommodation of Utility Facilities within the Rights-of-Way of County Federal Aid and State Aid Highways (hereinafter referred to as the 'Policy), promulgated by the State Aid Engineer and dated January 1 1983, and which is hereby made a part of this Application Agreement, and agrees to perform the construction according to the applicable industry code and according to the plans and specification for the Project

The Applicant shall be responsible for future maintenance and repair of the facilities The Applicant shall make future adjustment in, or relocate the facilities located within road or highway right-of-way when required for highway widening or other highway construction and its right to reimbursement of its costs if any, shall be in accordance with State law in effect at the time such adjustment or relocation is made Futher, any maintenance, repair or construction shall be done in such a manner as to occasion no unreasonable interference with the normal flow and safetv of traffic

FORM-SAD ROW-U2

A general description of the size type, nature, and extent of the Utility work to be done is as follows

On the South Side of Waverly Rd near the intersection of Curtis Orman Rd, @ p 27 ½ ,transition from aerial to buried, and place HH Place approximately 6500 ' of buried fiber to the intersection of Waverly Rd and Railroad Rd Bore under Waverly Rd, and continue placing on the West side of Railroad Rd for approximately 2800' to the drive of cell tower Bore under Railroad Rd and place HH just outside of county ROW to continue into cell site

The Applicant understands and agrees that, except as herein granted, no right, title claim, or easement to said road right-of-way is granted by the issuance of this permit and that if this Utility Facility is not place within the allowable horizontal and vertical limits as listed in the general provisions of the Policy, it will be adjusted to comply with same without cost to the County, unless the variance from the Policy has been approved by the granting of the Permit pursuant to this application

The Applicant further understands that the Utility s engineering, plant or other personnel will be responsible for the staking and construction supervision of the work set out above and as shown on the attached plans

Clay County agrees to the following stipulations

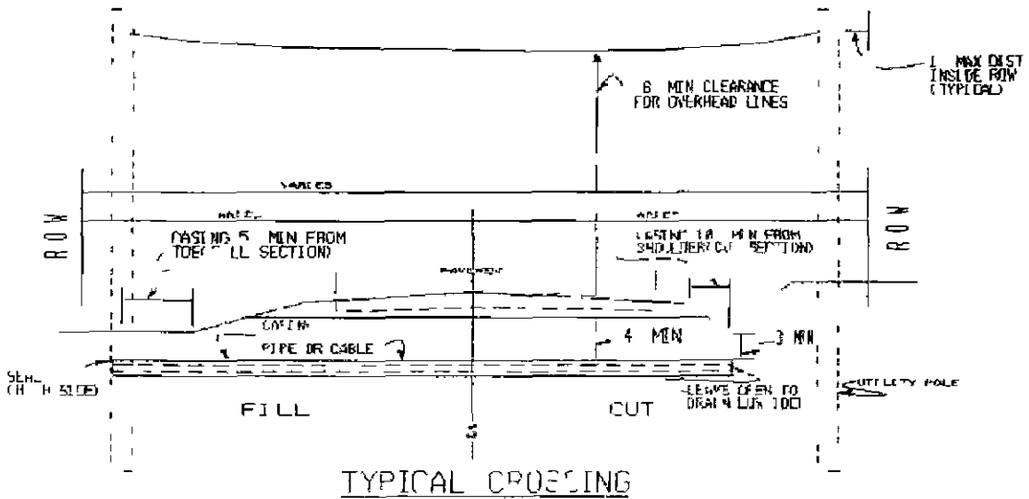
(1) To cooperate with the Utility Company in every way to avoid conflicts in the location construction and maintenance of the County Highway and Utility Facility

(2) To pursue any and all legal means to see that Policy Standards except to the extent of any variance shown on the plans filed herewith and approved are complied with in the facility installation

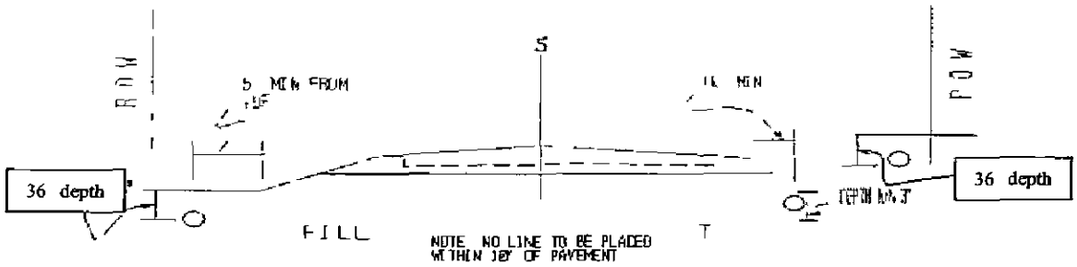
(3) If the County Engineer or other authorized representative of the Board of Supervisors approved the drawings sketches and plans submitted by the Applicant he shall so indicate by signing and dating the Permit Approval at the end of this Application and the Applicant may proceed with the installation if the drawings sketches and plans are not approved he shall promptly notify the Applicant and advise it of the reason or reasons He will also act as the duly appointed representative of the Board of Supervisors and will give his approval to the completed work as being in compliance with the location and standards shown in the Policy and in this Agreement for the installation

(4) That all joint highway construction and utility adjustment or relocation operations will comply with the requirements of Section S-105 06 and Section S 107 18 Mississippi Standard Specifications for State Aid Road and Bridge Construction 1989 edition (or current edition)

(5) Should any term or provision of this Applicant Agreement conflict with the law of the State of Mississippi the Mississippi Constitution or the United States Constitution or impair or deny to the Applicant or the County any right protected thereby it shall be deemed amended to conform to said law or Constitution



TYPICAL CROSSING



TYPICAL PARALLEL LOCATION

UTILITY COMPANY WILL BE RESPONSIBLE FOR
THE FOLLOWING

1 Maintaining traffic during installation
2 Properly signaling traffic during installation
3 Damage inflicted on motorist and vehicles during installation
4 Returning area back to its normal condition or better and doing so as soon as possible
5 Notify supervisor of district of actual installation time
6 Jacking will be accomplished as follows All pipe will be pushed or jacked under roads
7 All casing will be accomplished by dry boring

FORM-SAD ROW-U2

WITNESS the signature of the Applicant this the 4th day of **April**, 2011.

By Laura L Scott

Title **Mgr OSP Plng & Dsgn**

AGREED TO AND APPROVED BY

Clay COUNTY

BOARD OF SUPERVISORS

By Robert L Calhoun

County Engineer

4/25/2011

(month) (dav) (year)

BY ORDER OF THE BOARD OF SUPERVISORS, Dated the 25th Day of April

19/20 11, of Clay County, Mississippi The permit for the

installation or adjustment of the utility applied for above is granted

(Rev 6-14-90)

CAUTION
High Voltage - Joint Use
___ KV Phase to Phase
7.2 KV Phase to Ground
Powe Company: 4 COUNTY E P A.
Company Contact: IVY DAVENPORT
Contact Phone: 662 494 1313

WATER & SEWER
CONTACTS
MYRON FOSTER
549-0109
JOE MONTGOMERY
524-0114

ATMOS ENERGY
CONTACTS
BILL BURRIS
364-5922
LARRY PETRI
418-6932

COUNTY SUPERVISOR
LUKE LUMMUS
662 494 5442

COMCAST
CONTACT
MARVIN BENSON
213-7612

GAS
SOUTHERN NATURAL
GAS LINE
EMG: 800 252 5960

Mississippi 811

MS ONE CALL811
COUNTY CLAY
1/4 SECTION NW
SECTION 23,24,19
TOWNSHIP T 15 N
RANGE R 16 E

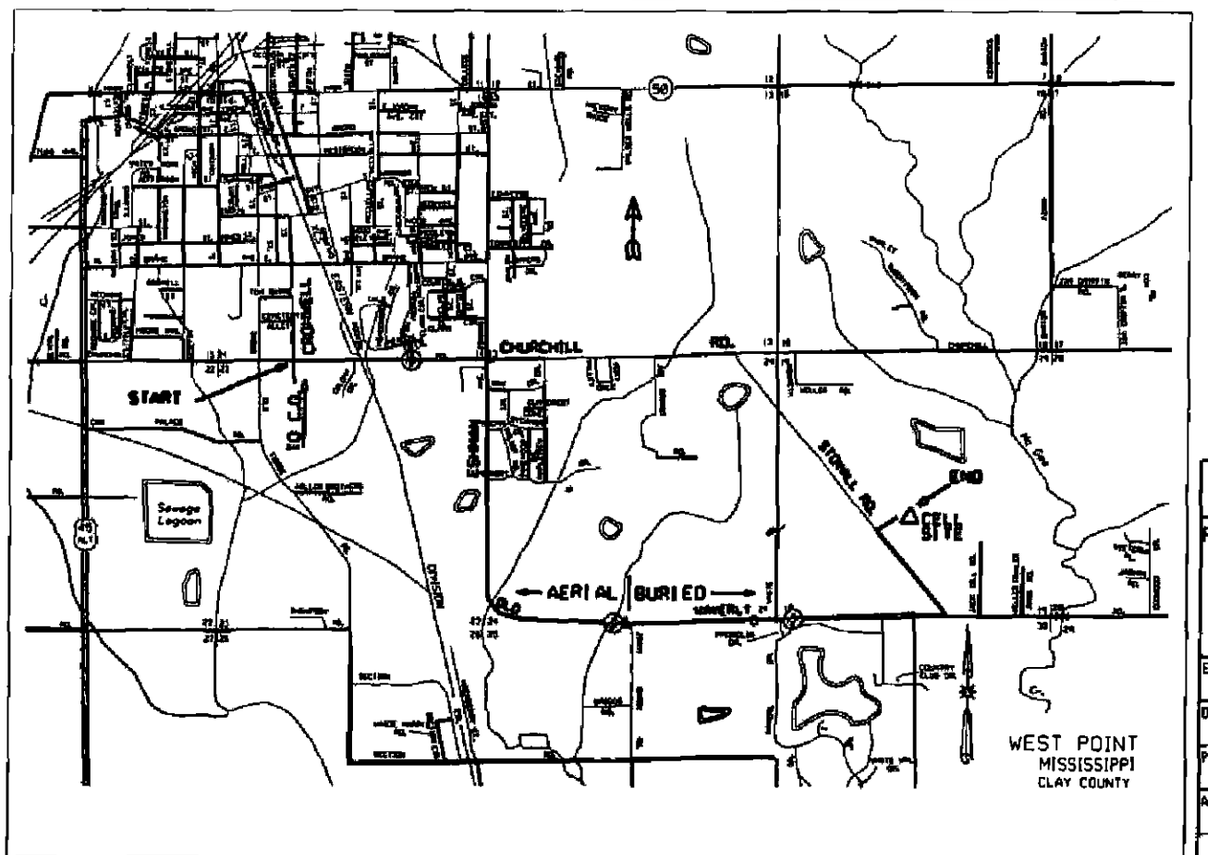
NA

PERMITS REQUIRED

DRIVING DIRECTIONS

WEST POINT MS 39773

FROM INTER OF ALT 45 AND 50 IN WEST POINT DRIVE 1 0 MILE SOUTH ON ALT 45 TURN EAST ON W CHURCH HILL RD CONTINUE EAST APPROX 1 0 MILE TO CROMWELL ST



ATTSE

PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF

Exchange: COLUMBUS
Designer: Scott, Keron
Phone: 662 327 8319
Authorization: 17U00061N
Dwg. 1 of 13

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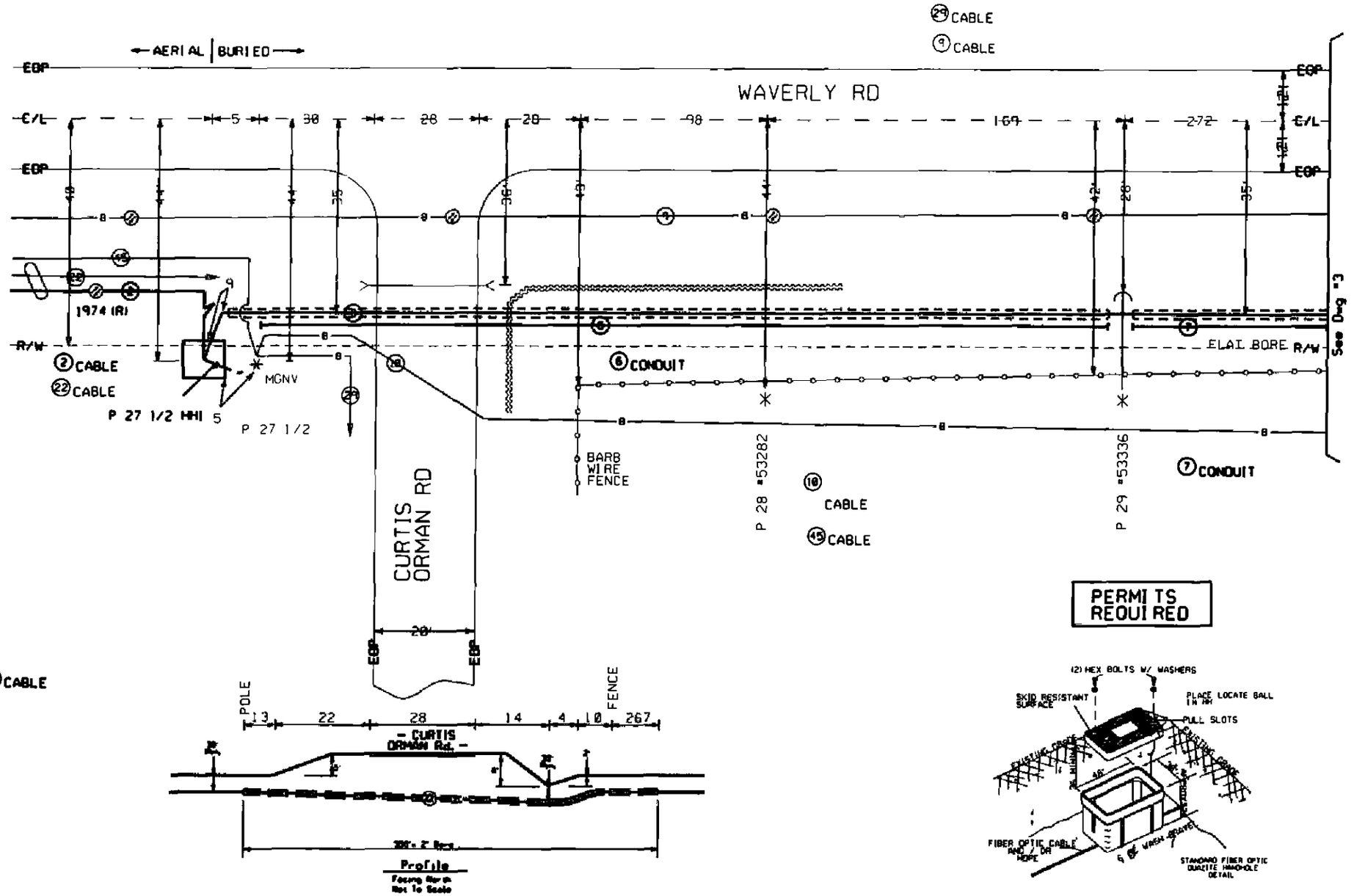

ATTSE

PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF

E change	COLUMBUS
Designer	Scott, Karon
Phone	662 327 8319
Authorization	17U00061N
Dwg.	2 of 13

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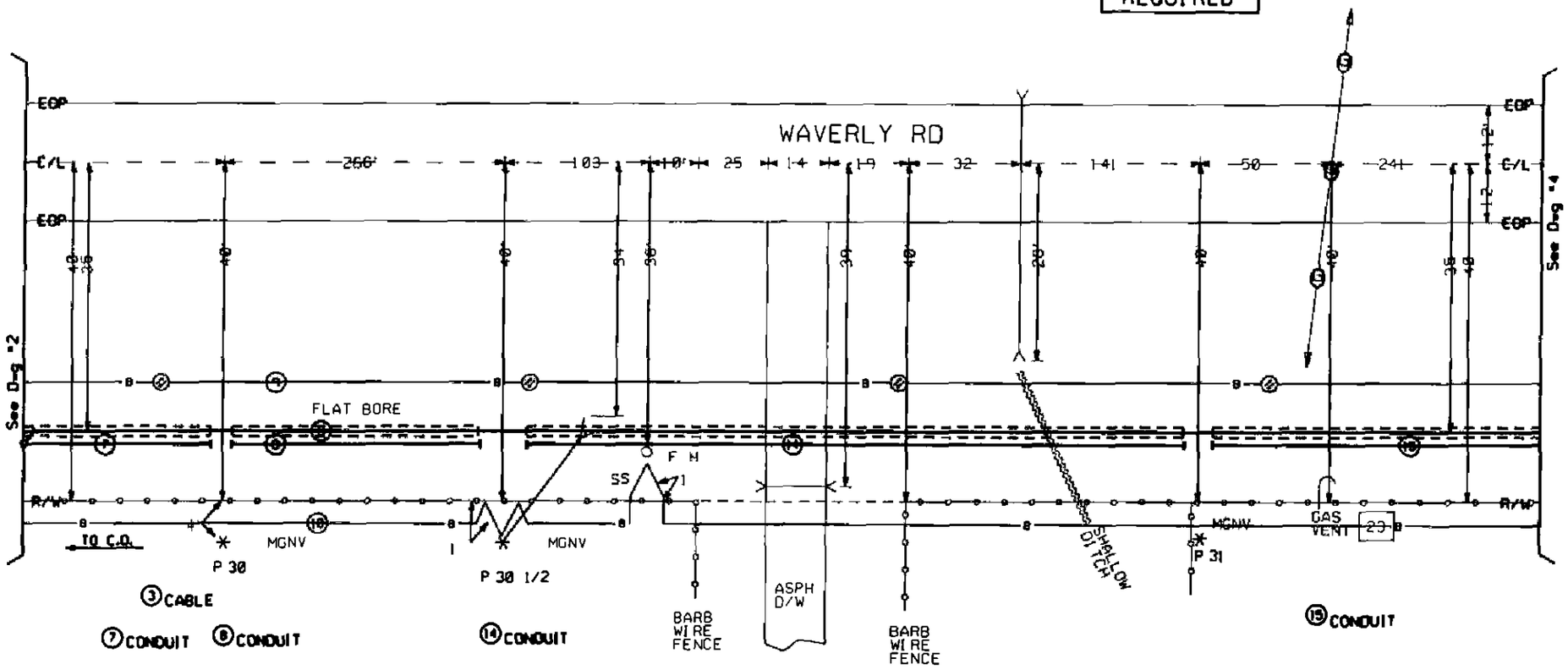

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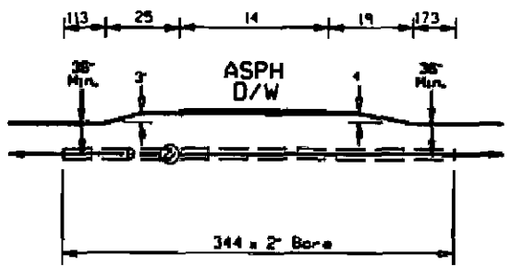
⑩CABLE



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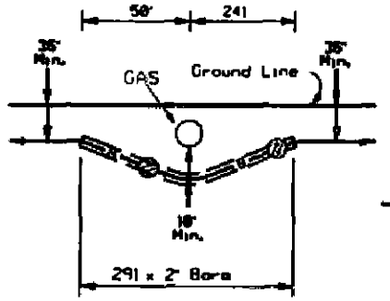

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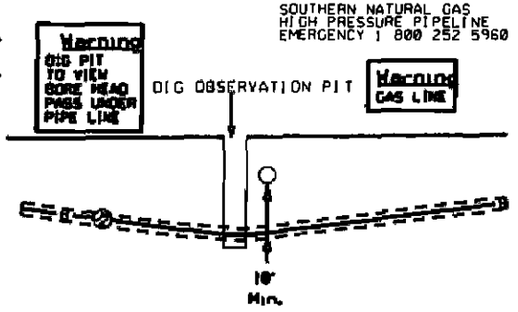

SOUTHERN NATURAL GAS
HIGH PRESSURE PIPELINE
EMERGENCY 1 800 252 5960

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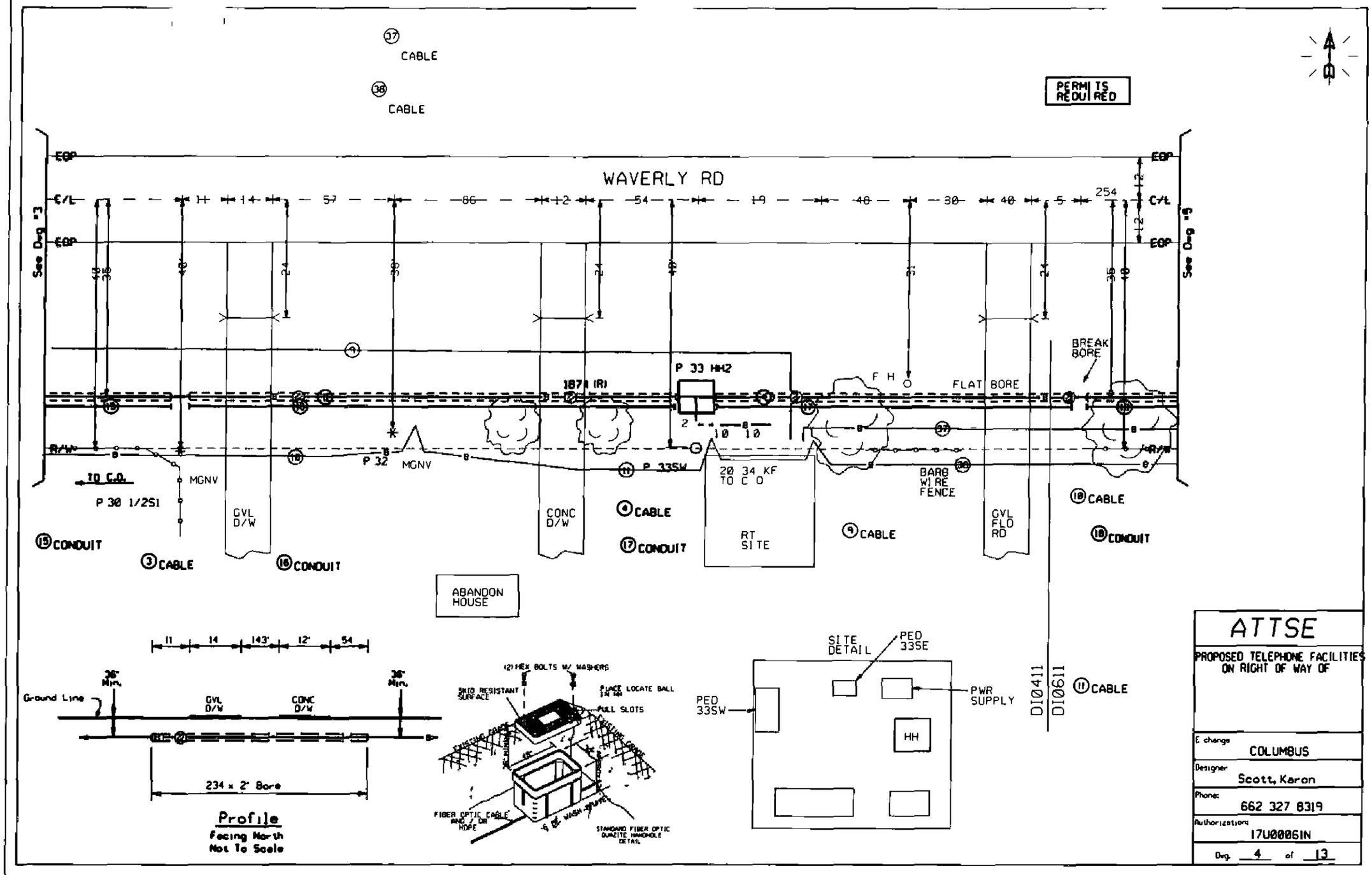
PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF

E changer: COLUMBUS
Designer: Scott, Karon
Phone: 662 327 8319
Authorization: 17U00061N
Dwg. 3 of 13



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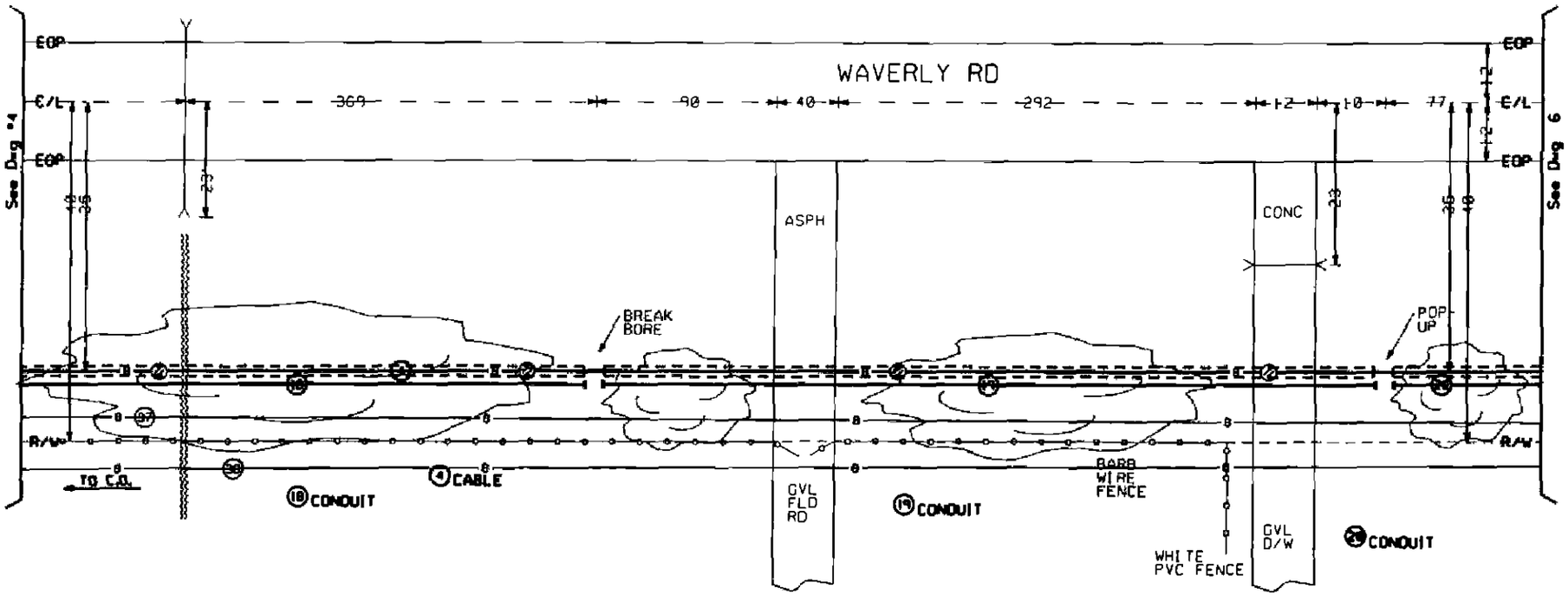

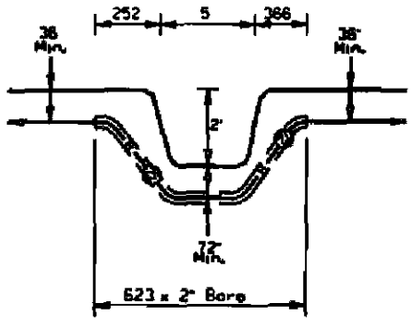

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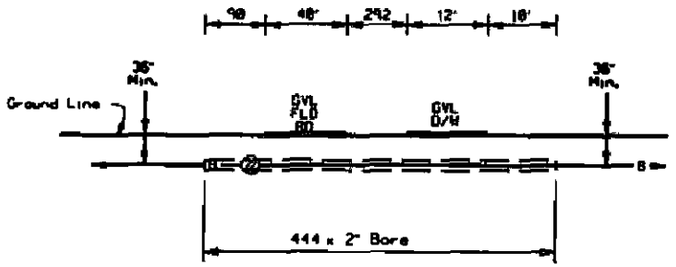

Profile
Facing North
Not To Scale

1941

Mississippi 811

ATTSE

PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF

E change: COLUMBUS

Designer: Scott, Karon

Phone: 662 327 8319

Authorization: 17U0006IN

Dwg. 5 of 13

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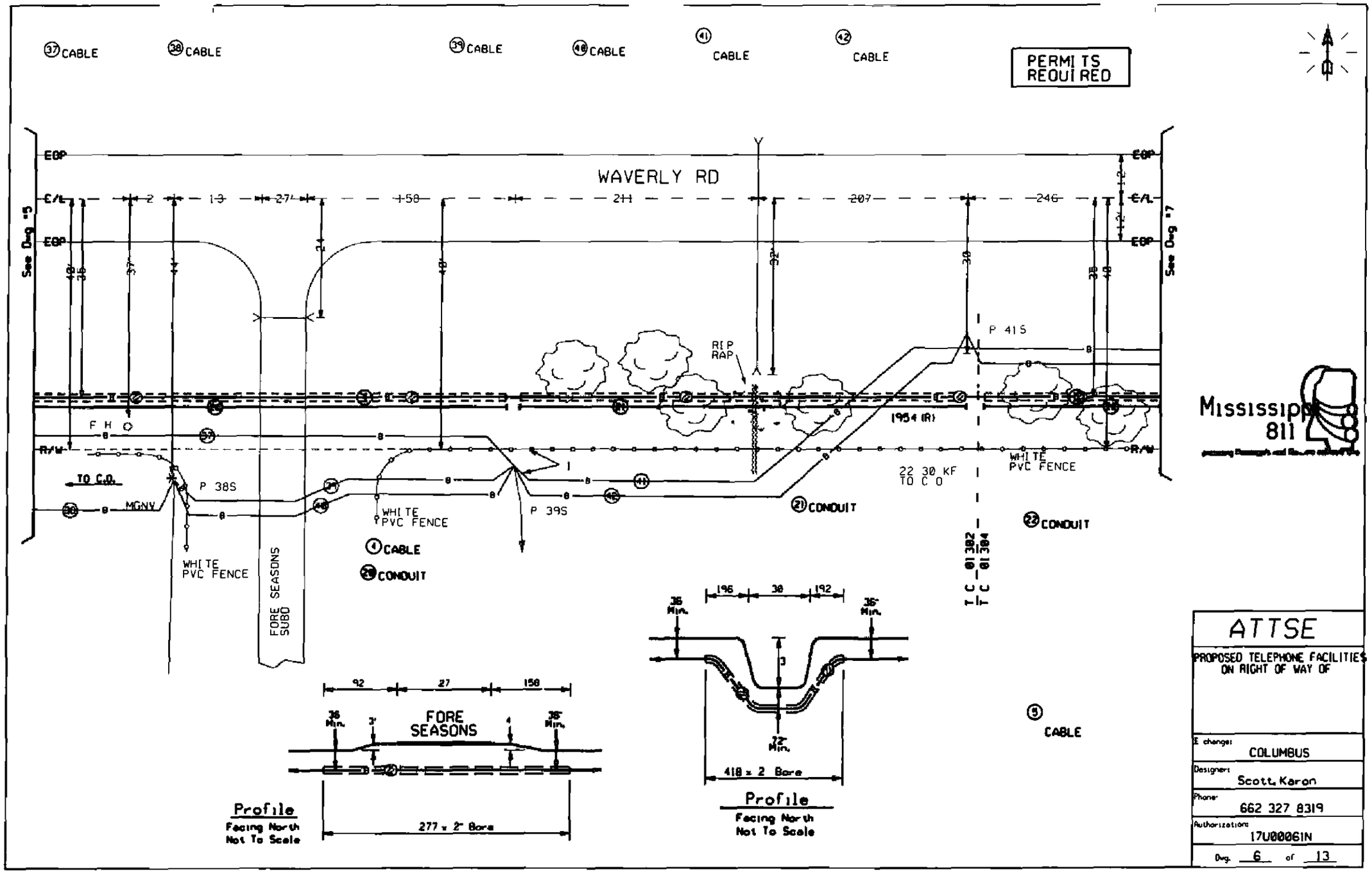

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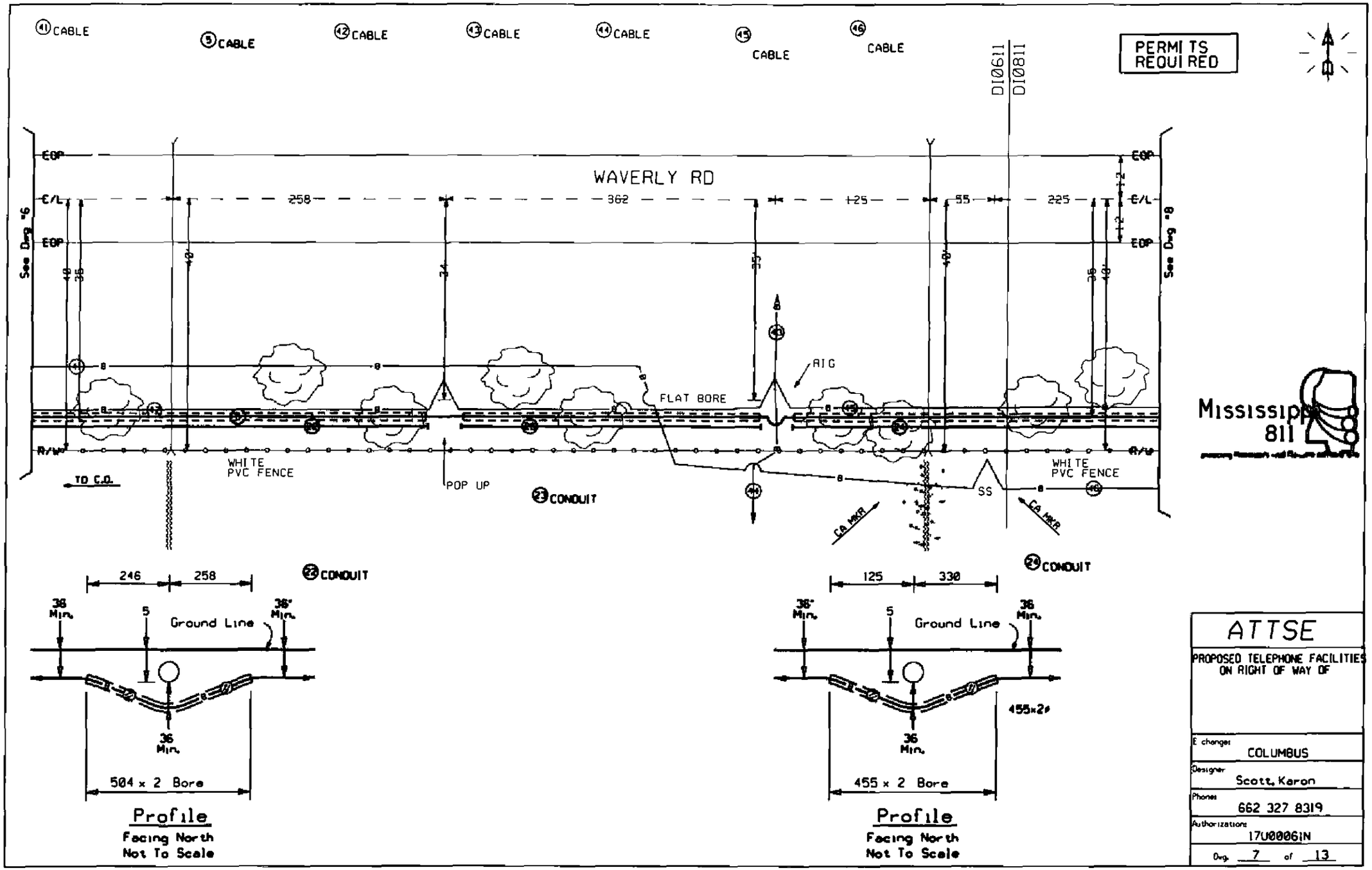

41 CABLE
5 CABLE
42 CABLE
43 CABLE
44 CABLE
45 CABLE
46 CABLE
DIØ611
DIØ811
PERMITS REQUIRED
WAVERLY RD
EOP
C/L
R/W
See Dwg #6
See Dwg #8
258
362
125
55
225
40'
34'
35'
36
RIG
FLAT BORE
WHITE PVC FENCE
TO C.O.
POP UP
23 CONDUIT
SS
CA MKR
22 CONDUIT
24 CONDUIT
246
258
125
330
36" Min.
5
Ground Line
504 x 2 Bore
455 x 2 Bore
455x2#
Profile
Facing North
Not To Scale
Mississippi 811
ATTSE
PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF
E changer: COLUMBUS
Designer: Scott, Karon
Phone: 662 327 8319
Authorization: 17U0006IN
Dwg. 7 of 13

PERMITS REQUIRED

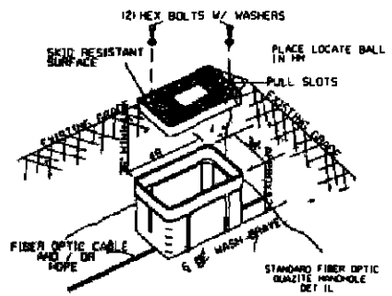
45 CABLE
46 CABLE
47 CABLE
48 CABLE
49 CABLE

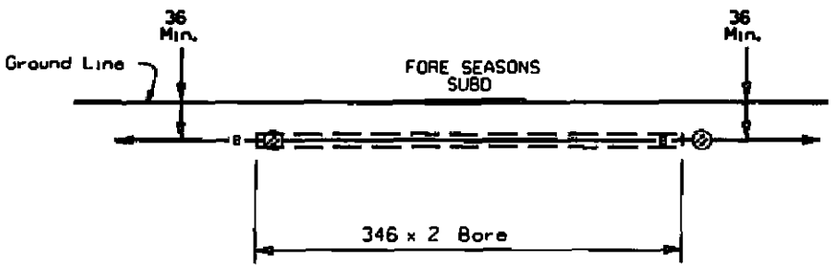
WAVERLY RD

EOP
E/L
EOP
See Dwg #7
See Dwg #9

50 | 178 | 26 | 78' | 40 | 26 | 252 | 7

POP UP
P 48 HH3
1717 (R)
RIG
P 49
FLAT BORE
P 45
TO C.O.
WHITE PVC FENCE
24 02 KF TO C O
PED 48
CA MKR
29 CONDUIT
5 CABLE
FORE SEASONS SUBD
WHITE PVC FENCE
23 CONDUIT
178 | 26 | 142





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PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF

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Designer: Scott, Karon
Phone: 662 327 8319
Authorization: 17U00061N
Dwg. 8 of 13

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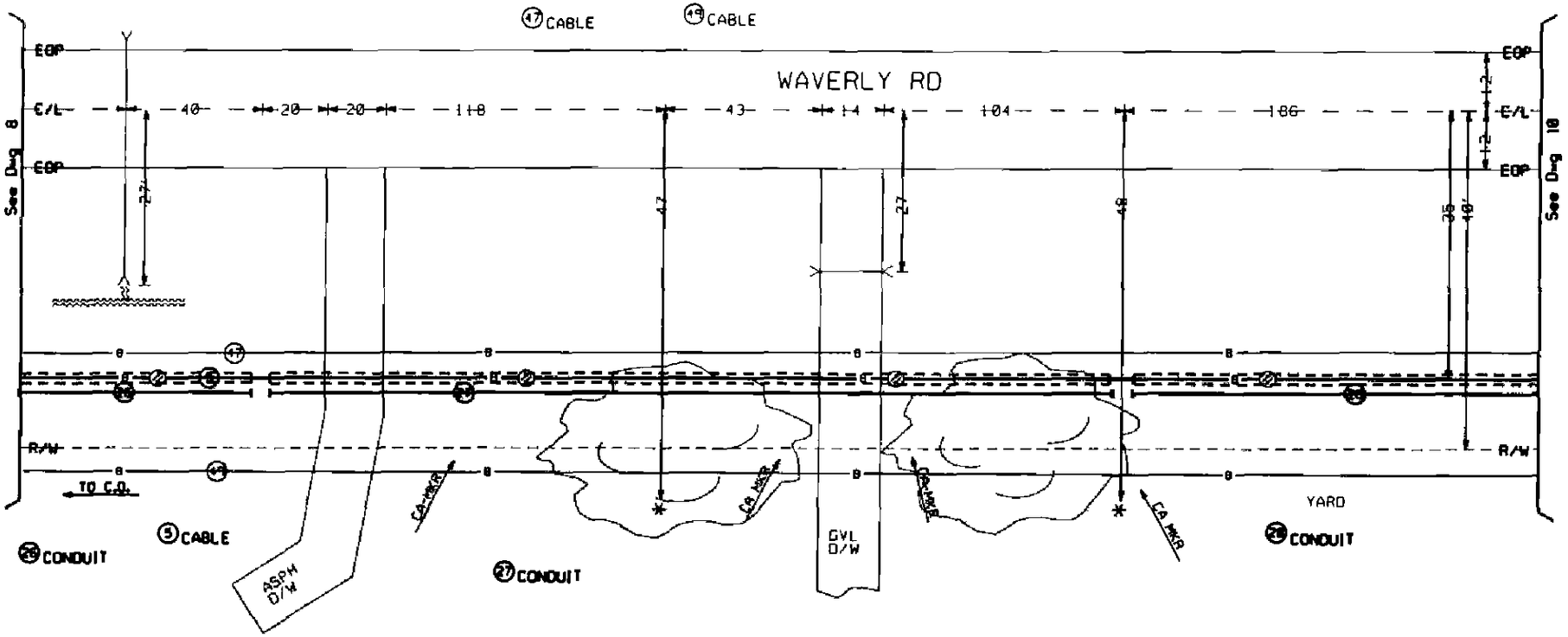

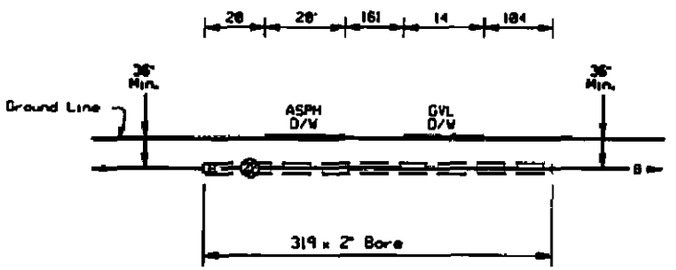

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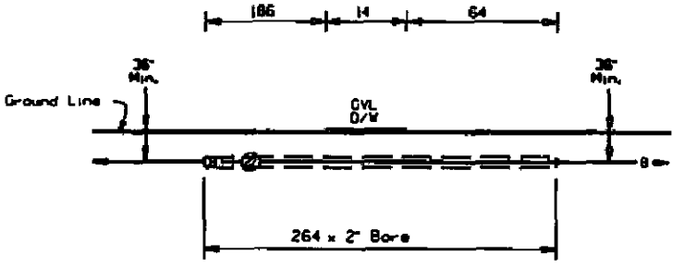

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PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF

E changed: COLUMBUS
Designer: Scott, Karon
Phone: 662-327 8319
Authorization: 17U00061N
Dwg. 9 of 13

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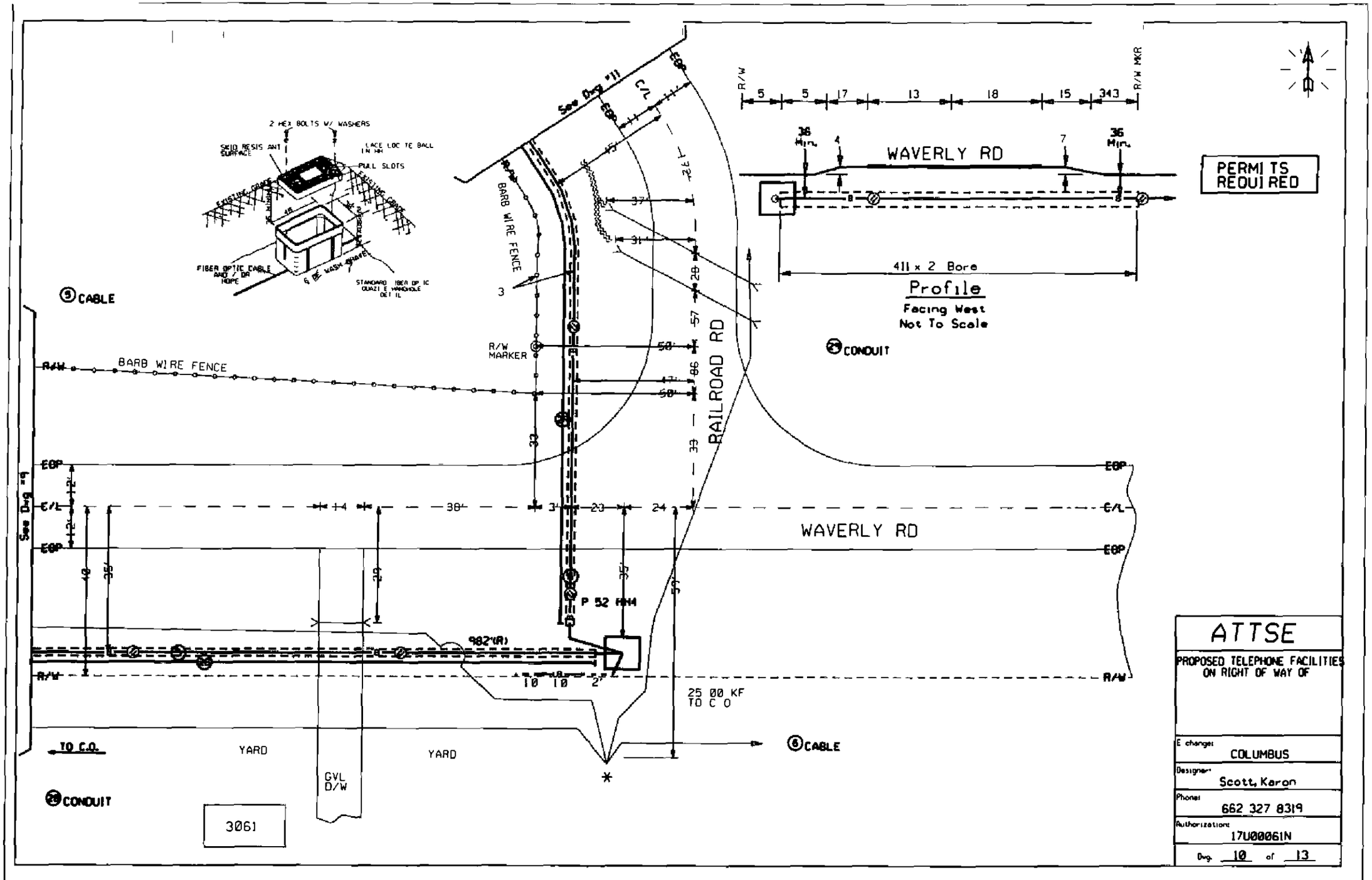
2 HEX BOLTS W/ WASHERS
SKID RESIS ANT SURFACE
LACE LOC TE BALL IN HH
PULL SLOTS
FIBER OPTIC CABLE AND / OR ROPE
STANDARD IBEA DP IC QUAZI E HANDHOLE DET IL
CABLE
BARB WIRE FENCE
R/W
R/W MARKER
EOP
C/L
See Dwg #11
See Dwg #9
RAILROAD RD
WAVERLY RD
P 52 HH4
982'(R)
10 10 2'
25 00 KF TO C O
TO C.O.
YARD
YARD
GVL D/W
3061
CONDUIT
CABLE
CONDUIT
R/W MKR
36 Min.
WAVERLY RD
411 x 2 Bore
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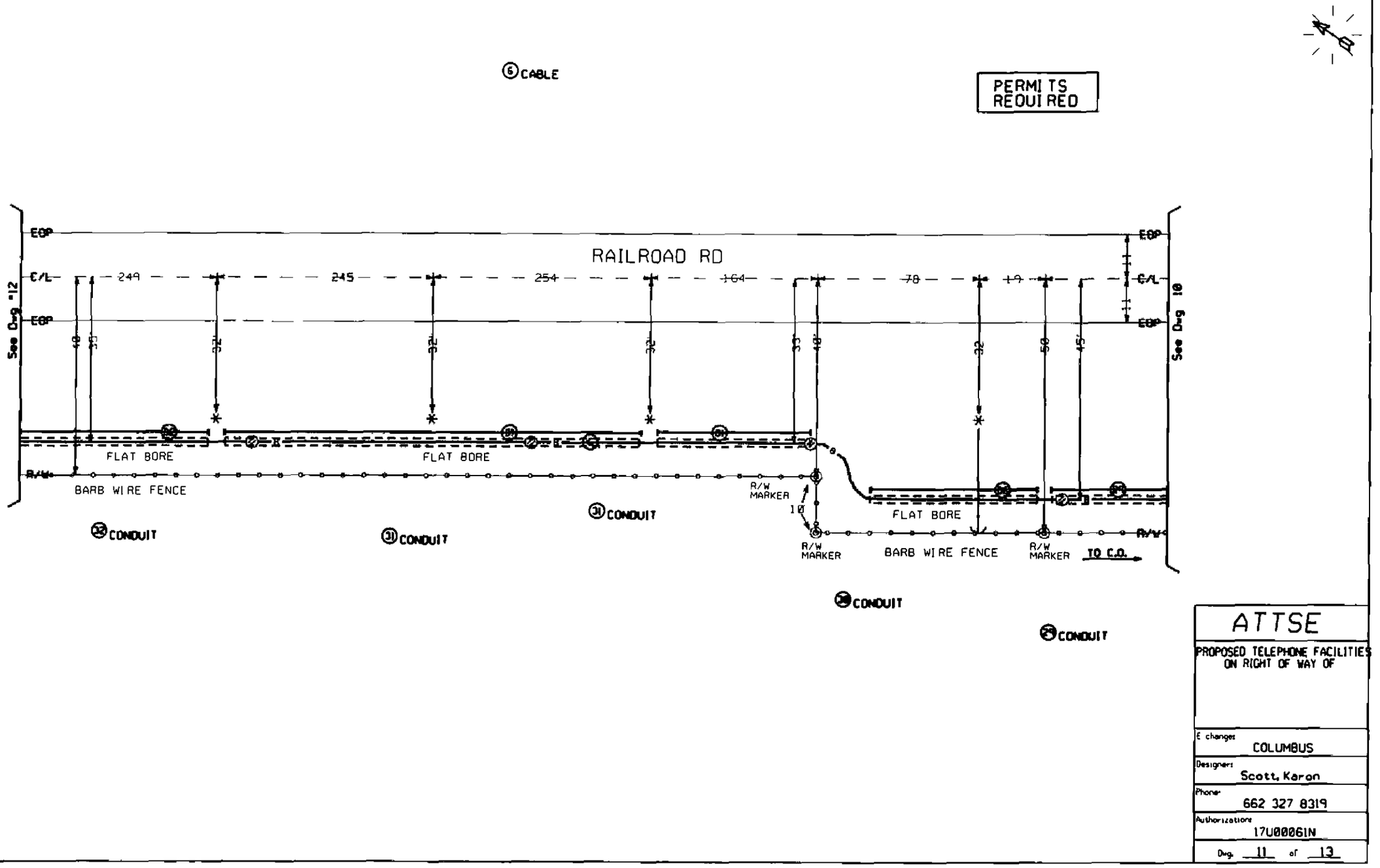
PERMITS REQUIRED
ATTSE
PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF
E change: COLUMBUS
Designer: Scott, Karon
Phone: 662 327 8319
Authorization: 17U00061N
Dwg. 10 of 13



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PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF

Exchange:	COLUMBUS
Designer:	Scott, Karon
Phone:	662 327 8319
Authorization:	17U00061N
Dwg.	11 of 13

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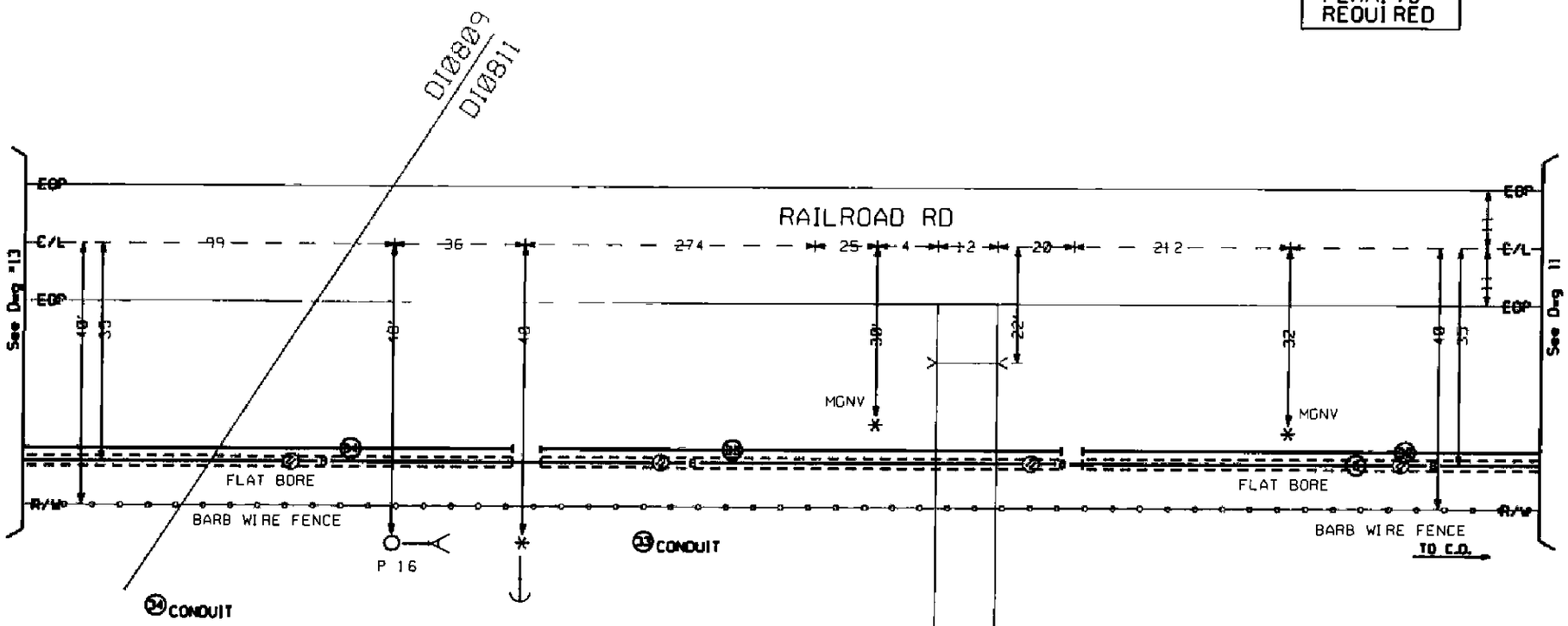
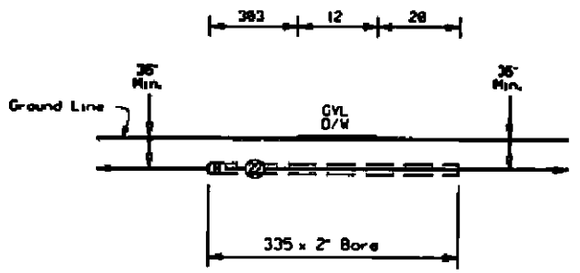
PERMITS REQUIRED





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Facing North
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ATTSE

PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF

E change: COLUMBUS

Designer: Scott, Karon

Phone: 662 327 8319

Authorization: 17U00061N

Dwg. 12 of 13

PERMITS REQUIRED

(52) CABLE

(58) CABLE

(51) CABLE

(59) CONDUIT

GVL RD TO CELL TOWER

NO 27 33 KF TO C O

F 2318 HH5

R/W

EOP

C/L

RAILROAD RD

EOP

R/W

(24) CONDUIT

(6) CABLE

2326 (R)

See Dwg 12

BARB WIRE FENCE

TO C.O.

R/W 5 2 7 15 11 11 16 13 R/W 12 PED

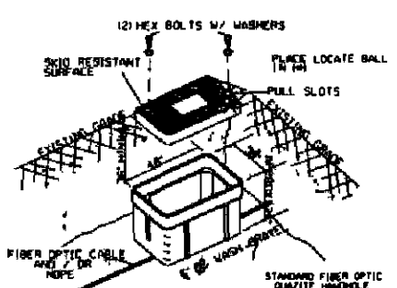
36 Min. 3 36 Min. 3 36 Min. 1 36 Min. Ground Line

– RAILROAD RD –

4

87 x 2 Bore

(53) CONDUIT



ATTSE

PROPOSED TELEPHONE FACILITIES ON RIGHT OF WAY OF

E changes: COLUMBUS

Designer: Scott, Karon

Phone: 662 327 8319

Authorization: 17U00061N

Dwg. 13 of 13

IN THE MATTER OF PAYING THE CLAY COUNTY MISSISSIPPI CONSTABLES ACCORDING TO SB2860 BASED UPON THEIR GROSS FEE INCOME

There came on this day for consideration the matter of paying the Clay County Mississippi Constables according to SB2860 based upon their gross fee income

It appears to this Board that the attached exhibit A reflects the gross fee income of constables Sherman Ivy and Lewis Stafford for the month of April 2011 as submitted by the Justice Court Clerk and

It appears that the attached exhibit B represents the calculations of estimated contributions due the Public Employees Retirement System for each constable and the net fee income to be paid each constable

After motion by Mr. McKee and second by Mr. Deanes this Board doth vote unanimously to have the Chancery Clerk transfer $565.40 to the payroll clearing account to be remitted to the Public Employees Retirement System on behalf of the Clay County Constable and to pay Sherman Ivy $661.15 and Lewis Stafford $1913.50 as net fee income after Public Employees Retirement System deduction withheld for the month of April, 2011

SO ORDERED, this the 25th day of April 20 11

R.B. Dean
PRESIDENT

Clay County, Ms
Calculation of Estimated Contributions/Wages For Constables
As of April 20, 2011

Calculation

	Lewis Stafford	Sherman Ivy	
Gross Fee Income *	$2,150 00	$2,990 00	**(Input)**
Minimum Withholding Rate	11%	11%	
Estimated Contributions	$236 50	$328 90	
Estimated Contributions	$236 50	$328 90	
Divided by PERS EE/ER	21 00%	21 00%	
Estimated Wages To Be Reported To PERS	$1,126 19	$1,566 19	
Estimated Wages	$1,126 19	$1,566 19	
Multiplied by PERS EE Rate	9 00%	9 00%	
Estimated PERS EE Contributions	$101 36	$140 96	
Estimated Wages	$1,126 19	$1,566 19	
Multiplied by PERS ER Rate	12 00%	12 00%	
Estimated PERS ER Contributions	$135 14	$187 94	

****Summary of Wages and Contributions to be reported to PERS For Constables ****

Estimated Wages	$1,126 19	$1,566 19	
Estimated PERS EE Contributions	$101 36	$140 96	242 31
Estimated PERS ER Contributions	$135 14	$187 94	323 09
Total Estimated Contributions	$236 50	$328 90	

****Funds to be Paid to Constables****

Gross Fee Income	$2,150 00	$2,990 00
Less Total Estimated PERS EE/ER Contrl	$236 50	$328 90
Net Gross	$1,913 50	$2,661 10

Need an order to transfer to Payroll Clearing fund $ 565 40 to remit with Retirment Contributions

* Gross Fee Income is turned in to comptroller by the Justice Court Deputy

IN THE MATTER OF CLEARING RIGHT OF WAY ON A DANGEROUS CURVE ON LAKE GROVE ROAD

There came on this day the matter of clearing right of way on a dangerous curve on Lake Grove Road

It appears to this Board that trees and bushes have obstructed the vision at a curve on Lake Grove Road on the property of Felix Jackson, and

It appears that in order to improve the safety of the Lake Grove Road it is necessary to cut the trees and bushes in the curve on the property of Felix Jackson and that Mr Jackson has given permission to Shelton Deanes to clear the fence line in the said curve

After motion by Mr Deanes and second by Mr McKee this Board doth vote unanimously to authorize Shelton Deanes to clear the right of way on the property of Felix Jackson on Lake Grove Road to restore the safety at the curve on Lake Grove Road

So ordered this the 25th day of April, 2011

R. B. [illegible]

President

NO _____

IN THE MATTER OF AUTHORIZING REIMBURSEMENT FOR MILAGE TO SHERMAN IVY FOR TRAVELING TO GULFPORT, MS FOR A CONSTABLES' BOARD MEETING

There came on this day the matter of authorizing reimbursement for milage to Sherman Ivy for traveling to Gulfport, MS for a constables' board meeting

After motion by Mr Deanes and second by Mr McKee this Board doth vote unanimously to pay Mr Ivy incurred on April 22, 2011 trip to Gulfport, MS to attend a constables' board meeting

So ordered this the 25th day of April, 2011

President

NO _____

IN THE MATTER OF AUTHORIZING TRAVEL FOR SHERIFF HUFFMAN AND DEPUTY BOBBY GRIMES

There came on this day for consideration the matter of authorizing travel for Sheriff Huffman and Deputy Grimes

It appears that it would benefit Clay County to have the Sheriff and Deputy Grimes attend the Sheriff's Summer Convention June 6-10, 2011 in Biloxi, MS and to have the travel expenses taken from the Sheriff's Seized Drug Fund

So ordered this the 25th day of April, 2011

President

NO _____

IN THE MATTER OF CREDITING WILLIAM R HOOD'S GARBAGE BILL ACCOUNT

There came on this day the matter of crediting William R Hood's garbage bill account

It appears that Mr Hood acquired his property from the estate of Annie Melton and Ms Melton had been deceased since the late 1990's approximately 1998, and

It appears that Ms Melton had been continuously billed after here death and before Mr Hood billed after her death and before Mr Hood purchased her property

After motion by Mr McKee and second by Mr Horton this Board doth vote unanimously to authorize that the garbage bill on Ms Melton be struck as being in error and to allow Mr Hood to purchase his auto license plate

So ordered this the 25th day of April, 2011

President

NO _____

IN THE MATTER OF AUTHORIZING TRAVEL FOR TWO 911 DISPATCHERS TO ATTEND A SUICIDE CALLS TRAINING SEMINAR

There came on this day for the matter of authorizing travel for two 911 dispatchers to attend a suicide calls training seminar

After motion by Mr Horton and second by Mr McKee this Board doth vote unanimously to authorize Lynne Parker and Megan Black to travel to Philadelphia, MS on May 16-17, 2011 to attend a suicide training seminar

So ordered this the 25th day of April, 2011

President

NO _____

IN THE MATTER OF REFUNDING THE FILING FEE IN JUSTICE COURT FOR FILING OF A NOTICE OF RENEWAL OF JUDGEMENT

There came on this day for consideration the matter of refunding the filing fee in Justice Court for filing of a Notice of Renewal of Judgement

It appears that Franklin Collection Service, Inc has requested a refund of $75 00, payable to Mitchell, McNutt & Sams their attorney , for certain cases in Justice Court where a $15 00 filing fee was paid for filing of a notice of Judgement There being an Attorney General's opinion stating there is no provision for such fee

After motion by Mr Horton and second by Mr Deanes this Board doth vote unanimously to pay Mitchell, McNutt, & Sams $75 00 on behalf of Franklin Collection Services, Inc for certain cases in Justice Court as noted in attached exhibit "A"

So ordered this the 25th day of April, 2011

President

142

MITCHELL MCNUTT & SAMS
A PROFESSIONAL ASSOCIATION
105 SOUTH FRONT STREET
POST OFFICE BOX 466
TUPELO MISSISSIPPI 38802
(662) 407 2700
collections@mitchellmcnutt com

April 14, 2011

OK

Clay County Board of Supervisors
P O Box 815
West Point, MS 39773

Re Request for reimbursement of fees charged by Clay County justice court for filing of Notices of Renewal under §15-1-43, as amended

Dear Board Members

Beginning January 1, 2011, this law firm represents Franklin Collection Service, Inc in collection matters, including renewing previously-rendered judgments In accordance with the new, alternate method of judgment renewal available under Miss Code Ann §15-1-43, Notices of Renewals were filed in your county's justice court, as follows

Case Name	Fee Charged and Paid
FCS v Joe L Robinson, No 17359	$15 00
FCS v Elizabeth Hammond, No 17821	$15 00
FCS v Delois A Gibson, No 17811	$15 00
FCS v Kenneth Crump, No 17810	$15 00
FCS v Willie Brooks, No 17809	$15 00
	$75 00

By opinion dated March 4, 2011, the Office of the Attorney General of the State of Mississippi addressed the following issue "[W]hat fee, if any, may be charged by a justice court clerk when presented with a Notice of Renewal of Judgment filed pursuant to Section 15-1-43?" The issue was answered by James Y Dale, Special Assistant Attorney General, as follows "It is the opinion of this office that there is no provision for the collection of a fee in justice court for the filing of a notice of renewal of judgment " Boland, MS AG op , Mar 4, 2011

In light of the decision of the AG opinion, and on behalf of our client, we request that this matter be placed on the Board agenda for a refund in the total amount of $75 00 for fees charged in the above-referenced cases, made payable to Mitchell, McNutt & Sams, P A , which our firm will, in turn, refund to our client

We are certainly appreciative of the assistance and effort provided by the justice clerk's office in becoming familiar with and implementing the new, alternate method of judgment

Exhibit A

renewal now available under amended §15-1-43, and will certainly promptly pay any fee that may hereafter become permissible if the State legislature should amend the justice court fee statute to authorize the collection of a fee associated with filing Notices of Renewals

We are certainly appreciative of the assistance and effort provided by the justice clerk's office in becoming familiar with and implementing the new, alternate method of judgment renewal now available under amended §15-1-43, and will certainly promptly pay any fee that may hereafter become permissible if the State legislature should amend the justice court fee statute to authorize the collection of a fee associated with filing Notices of Renewals

I look forward to hearing from you concerning this claim

Sincerely yours,

Martha Bost Stegall

/sm
cc Hon Lee Coleman (w/o enc)

881956

NO _____

IN THE MATTER OF ADOPTING THE FLOOD IN\ · ANCE STUDY

There came on this day the matter of adopting the Flood Insurance Study

After motion by Mr Lummus and second by Mr McKee this Board doth vote unanimously to approve and adopt the Flood Insurance Study that accompa ..s said flood maps

So ordered this the 25th day of April, 2011

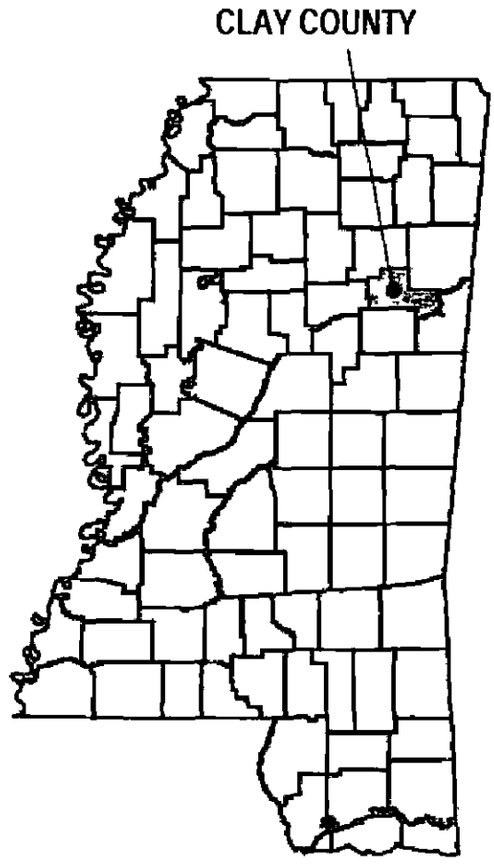
President

OK 4-25-11

FLOOD INSURANCE STUDY

CLAY COUNTY, MISSISSIPPI AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
CLAY COUNTY (UNINCORPORATED AREAS)	280036
WEST POINT CITY OF	280037



REVISED May 3 2011

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER
28025CV000A

NOTICE TO
FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program (NFIP) have established repositories of flood hazard data for floodplain management and flood insurance purposes This Flood Insurance Study (FIS) may not contain all data available within the repository It is advisable to contact the community repository for any additional data

Part or all of this FIS may be revised and republished at any time In addition, part of this FIS may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components

Initial Countywide FIS Effective July 16, 1990

First Revised Countywide FIS Revision Date May 3, 2011

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EXHIBITS

Exhibit 1 – Flood Profiles

Chuquatonchee Creek Tributary	Panels 01P-02P
Tibbee Creek	Panels 03P-04P
Tombigbee River	Panels 05P-06P
Town Creek	Panels 07P-10P
Town Creek Tributary No 1	Panels 11P-12P
Town Creek Tributary No 2	Panel 13P
Town Creek Tributary No 3	Panel 14P

Exhibit 2 – Flood Insurance Rate Map (FIRM) Index
Flood Insurance Rate Map

1 0 INTRODUCTION

1 1 Purpose of Study

This Flood Insurance Study (FIS) revises and updates information on the existence and severity of flood hazards in the geographic area of Clay County, including the City of West Point, and the unincorporated areas of Clay County (referred to collectively herein as Clay County), and aids in the administration of the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973 This study has developed flood-risk data for various areas of the community that will be used to establish actuarial flood insurance rates and to assist the community in its efforts to promote sound floodplain management Minimum floodplain management requirements for participation in the National Flood Insurance Program (NFIP) are set forth in the Code of Federal Regulations at 44 CFR, 60 3

In some States or communities, floodplain management criteria or regulations may exist that are more restrictive or comprehensive than the minimum Federal requirements In such cases, the more restrictive criteria take precedence and the State (or other jurisdictional agency) will be able to explain them

1 2 Authority and Acknowledgments

The sources of authority for this FIS report are the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973

The hydrologic and hydraulic analyses for the July 16, 1990 study were performed by the U S Geological Survey (USGS) (the Study Contractor) for the Federal Emergency Management Agency (FEMA), under Inter-Agency Agreement No EMW-85-E-1823, Project Order No 1 This study was completed in November 1987

For this countywide FIS, new hydrologic and hydraulic analyses were prepared by the State of Mississippi for the Federal Emergency Management Agency (FEMA), under Contract No EMA-2007-CA-5774 This study was completed in October 2009

The hydrologic and hydraulic analyses for the downstream portion of Tombigbee River and Tibbee Creek were taken from the Flood Insurance Study for Lowndes County, Mississippi (FEMA, 1989)

Base map information shown on the FIRM was provided in digital format by the State of Mississippi and the U S Census Bureau The digital orthoimagery was photogrammetrically compiled at a scale of 1 400 from aerial photography dated March 2006

The digital FIRM was produced using the Mississippi State Plane Coordinate System, East Zone FIPSZONE 2301, The horizontal datum was the North American Datum of 1983, GRS80 spheroid Distance units were measured in U S feet

1 3 Coordination

On August 29 1989, the results of the July 16 1990 Flood Insurance Study were reviewed

and accepted at a final coordination meeting attended by representatives of the Study Contractor, FEMA, and the community

In this countywide FIS revision, an initial Consultation Coordination Officer (CCO) meeting was held on April 16, 2008, and attended by representatives of FEMA, the impacted communities, and the study contractor to explain the nature and purpose of a FIS, and to identify the streams to be studied by detailed methods A final meeting, the preliminary DFIRM Community Coordination (PDCC) was held on December 28, 2009 to review the results of this study

For this countywide FIS revision the Project Scoping Meeting was held on April 16, 2008 in Clay County, MS Attendees for these included representatives from the Mississippi Department of Environmental Quality, Mississippi Emergency Management Agency, FEM National Service Provider, Clay County, and Study Contractors Coordination with county officials and Federal, State, and regional agencies produced a variety of information pertaining to floodplain regulations, available community maps, flood history, and other hydrologic data

2 0 AREA STUDIED

2 1 Scope of Study

This FIS report covers the geographic area of Clay County, Mississippi, including the incorporated communities listed in Section 1 1

For flooding caused by overflow of Chuquatonchee Creek Tributary, Town Creek, Town Creek Tributary No 1, Town Creek Tributary No 2, Town Creek Tributary No 3, Tibbee Creek, and the downstream portion of the Tombigbee River, data from previous flood insurance studies in Clay and Lowndes Counties was adopted and incorporated

A new detailed analysis was performed on the northern portion of the Tombigbee River Enhanced approximate studies were performed along Chuquatonchee Creek Tributary 4, McGee Creek, and McGee Creek Tributary 1 New study limits are described in Table 1

Table 1 Scope of Study

Stream	Limits of New Detail Study
Tombigbee River	From approximately 1,950 feet upstream of the confluence of Cane Creek to approximately 1 8 miles upstream of the confluence of Cane Creek
Stream	**Limits of New Enhanced Approximate Study**
Chuquatonchee Creek Tributary 4	From the confluence with Chuquatonchee Creek to approximately 980 feet upstream of Crepe Myrtle Loop
McGee Creek	Approximately 2 9 miles downstream of Hazelwood Road to approximately 1,425 feet upstream of Hazelwood Road
McGee Creek Tributary 1	From the confluence with McGee Creek to approximately 350 feet upstream of Old Vinton Road

Approximate analyses were used to study those areas having a low development potential or minimal flood hazards The scope and methods of study were proposed to, and agreed upon, by FEMA, Clay County, and the Study Contractor

2 2 Community Description

Clay County is in northeastern Mississippi and is bordered by Chickasaw County on the north, Webster County on the west, Oktibbeha County on the south, and Monroe and Lowndes Counties on the east Clay County is served by State Highways 46, 47, and 50, the Illinois Central Railroad, and the Columbus and Greenville Railway The 2000 population of Clay County was reported to be 21,979 (U S Census Bureau, 2009)

Agricultural activities in the county include the production of beef and dairy cattle, cotton, corn, soybeans, hay, poultry, vegetables, and an increasing amount of farm-raised catfish Widely diversified manufacturing continues to grow in the community

The climate is influenced by the County's sub-tropical latitude, the extensive land mass on the north, and the Gulf of Mexico on the south Average annual rainfall is 47 inches and the annual mean temperature is 63 degrees Fahrenheit (National Weather Service, 2009)

2 3 Principal Flood Problems

Intense seasonal rains and occasional tropical storms or hurricanes are the major cause of floods on larger streams in Mississippi Floods on smaller streams are usually the result of convectional thunderstorms, which most often occur in summer West Point suffered flooding on March 15-16, 1973, caused by 5 5 inches of rain that fell in a 24-hour period (Daily Times Leader, 1973) The elevations of that flood were comparable to those calculated for a 10-percent annual chance event flood based on Federal Insurance administration criteria. However, a storm that occurred on March 13, 1975, produced the largest flood of record, with flood elevations approximately equivalent to a 1-percent-annual-chance flood (NOAA, 1975)

The USGS has operated a stream gage on Tibbee Creek approximately 2 miles upstream of the mouth of Town Creek from 1928 to 1930 and since October 1939 The largest known flood at this site occurred on March 17, 1973, and had a peak discharge of about 81,600 cubic feet per second (cfs) at the gage and a recurrence interval of about 70 years

A discharge measurement was taken by the USGS for Chuquantonchee Creek Tributary at State Highway 50 during a flood on April 5, 1983 The measured discharge was 1,000 cfs and the estimated recurrence interval was about 5 years

2 4 Flood Protection Measures

Flood protection measures consist of channel improvement including realignment and paving along Town Creek north of Main Street in the city of West Point These improvements protect the overbanks from floods of up to 10-percent annual chance recurrence interval Other flood protection measures are not known to exist within the study area

3 0 ENGINEERING METHODS

For the flooding sources studied by detailed methods in the community, standard hydrologic and

hydraulic study methods were used to determine the flood-hazard data required for this study Flood events of a magnitude that is expected to be equaled or exceeded once on the average during any 10-, 50- 100-, or 500-year period (recurrence interval) have been selected as having special significance for floodplain management and for flood insurance rates These events, commonly termed the 10-, 50-, 100-, and 500-year floods, have a 10-, 2-, 1-, and 0 2-percent chance, respectively, of being equaled or exceeded during any year Although the recurrence interval represents the long-term, average period between floods of a specific magnitude, rare floods could occur at short intervals or even within the same year The risk of experiencing a rare flood increases when periods greater than 1 year are considered For example, the risk of having a flood that equals or exceeds the 1-percent-annual-chance flood in any 50-year period is approximately 40 percent (4 in 10), for any 90-year period, the risk increases to approximately 60 percent (6 in 10) The analyses reported herein reflect flooding potentials based on conditions existing in the community at the time of completion of this study Maps and flood elevations will be amended periodically to reflect future changes

3 1 Hydrologic Analyses

Hydrologic analyses were carried out to establish the peak discharge-frequency relationships for each riverine flooding source studied in detail affecting the community

Pre-Countywide Analysis

The magnitude of the 1-percent-annual-chance peak discharges on Chuquatonchee Creek Tributary Town Creek, and Town Creek Tributary Nos 1 and 2 were estimated using USGS regional methods (U S Geological Survey 1976) Adjustments for urbanization were made to the estimated 1-percent-annual-chance peak discharge for Town Creek downstream of the city limits and for Town Creek Tributary No 2 using USGS procedures (U S Department of Interior, 1983) Independent hydrologic analyses were carried out to verify that the 1-percent-annual-chance peaks for Town Creek Tributary No 2 used in the Flood Insurance Study for City of West Point (U S Department of HUD, 1978) were in agreement with those computed using USGS methods

Peak discharge-drainage area relationships for the 10-, 2-, 1-, and 0 2 percent annual chance floods of Tibbee Creek and the Tombigbee River and the 1-percent-annual-chance floods of Chuquatonchee Creek Tributary, Town Creek, Town Creek Tributary No 1, and Town Creek Tributary No 2 are shown in Table 2, Summary of Discharges The data for Town Creek Tributary No 3 is not available

This Countywide Study

For this countywide study, discharges for the 1-percent-annual-chance recurrence interval were calculated for stream reaches studied by enhanced approximate and approximate methods using regression equations for rural areas in Mississippi found in USGS Fact Sheet 008-01 (Reference 10)

For the newly studied reach of the Tombigbee River, a flood frequency analysis was conducted using USGS stream gage data from stations 2437500 and 2437100 at Aberdeen and 2441500 at Columbus, Mississippi PeakFQ Ver 5 0 (USGS, 2005) was used to perform the analysis

Peak discharge-drainage area relationships for the streams studied by detailed methods are shown in Table 2, "Summary of Discharges"

Table 2 Summary of Discharges

Flooding Source and Location	Drainage Area (sq miles)	Peak Discharge 10% (CFS)	Peak Discharge 2% (CFS)	Peak Discharge 1% (CFS)	Peak Discharge 0 2% (CFS)
CHUQUATONCHEE CREEK TRIBUTARY					
Approximately 2,100 feet downstream of State Highway 50	4 94	N/A	N/A	2,570	N/A
At U S Highway 45 Alternate	2 50	N/A	N/A	1,760	N/A
At County Highway about 1,800 feet upstream of U S Highway 45 Alternate	1 66	N/A	N/A	1,230	N/A
At County Highway about 4,900 feet upstream of U S Highway 45 Alternate	0 82	*	*	665	*
TIBBEE CREEK					
At mouth	1,100	68,327	89,146	96,344	109,889
TOMBIGBEE RIVER					
Just upstream of confluence of Tibbee Creek	N/A	96,100	159,100	192,700	290,000
Just downstream of confluence of Buttahatchee River	N/A	93,600	155,000	187,400	282,300
Just upstream of confluence of Buttahatchee River	N/A	75,707	120,290	141,579	196,681
TOWN CREEK					
At County Highway about 7,000 feet downstream of U S Highway 45 Alternate	7 52	*	*	4,280	*
At U S Highway 45 Alternate	4 56	*	*	2,990	*
At Church Hill Road	4 01	*	*	2,990	*
At City of West Point northern corporate limits	1 33	*	*	1,020	*
About 0 84 mile upstream of Illinois Central Railroad	0 86	*	*	775	*

* Data Not Available

Table 2 Summary of Discharges

Flooding Source and Location	Drainage Area (sq miles)	Peak Discharge 10% (CFS)	Peak Discharge 2% (CFS)	Peak Discharge 1% (CFS)	Peak Discharge 0 2% (CFS)
TOWN CREEK TRIBUTARY NO 1					
At Dunlap Road	0 76	*	*	650	*
At County Highway about 1,900 feet upstream of Dunlap Road	0 54	*	*	497	*
At County Highway about 3,900 feet upstream of Dunlap Road	0 34	*	*	342	*
TOWN CREEK TRIBUTARY NO 2					
At mouth	3 59	*	*	2,120	*
About 2 58 miles above mouth	1 86	*	*	1,460	*
At State highway 50	1 17	*	*	1,050	*
At Colony Drive	0 63	*	*	759	*

*Data Not Available

3 2 Hydraulic Analyses

Analyses of the hydraulic characteristics of flooding from the sources studied were carried out to provide estimates of the elevations of floods of the selected recurrence intervals Users should be aware that flood elevations shown on the FIRM represent rounded whole-foot elevations and may not exactly reflect the elevations shown on the Flood Profiles or in the Floodway Data tables in the FIS report Flood elevations shown on the FIRM are primarily intended for flood insurance rating purposes. For construction and/or floodplain management purposes, users are cautioned to use the flood elevation data presented in this FIS in conjunction with the data shown on the FIRM

Cross-section data for the streams studied by detailed methods were field surveyed In lieu of field survey, the channel dimensions for the portion of the Tombigbee River revised in this study were derived from bathymetry data collected by the USACE (USACE, 2005) All bridges and culverts in the study area were field surveyed for structural geometry

Locations of selected cross sections used in the hydraulic analyses are shown on the Flood Profiles and on the Flood Insurance Rate Map

Roughness coefficients (Manning's n) for the streams studied in detail were estimated by field observation of the channel and floodplain areas These values are listed in the below Table 3, Roughness Coefficients

Table 3 Roughness Coefficients

FLOODING SOURCE AND LOCATION	ROUGHNESS COEFFICIENTS (Manning's "n")	
	Channel	Overbank
CHUQUANTONCHEE CREEK TRIBUTARY	0 06-0 10	0 14-0 23
TIBBEE CREEK	0 027-0 07	0 045-0 18
TOMBIGBEE RIVER	0 027-0 07	0 045-0 18
TOWN CREEK		
Downstream of City of West Point southern corporate limits	0 055-0 065	0 14-0 22
Within the City of West Point downstream of Dunlap Road	0 04-0 09	0 04-0 09
Upstream of Industrial Access Road	0 16-0 24	0 12-0 14
TOWN CREEK TRIBUTARY NO 1		
Downstream of Dunlap Road	0 04-0 09	0 04-0 09
Upstream of Dunlap Road	0 10-0 12	0 12-0 14
TOWN CREEK TRIBUTARY NO 2	0 05-0 065	0 10-0 20
TOWN CREEK TRIBUTARY NO 3	0 04-0 09	0 04-0 09

Water-surface elevations for the 1-percent-annual-chance discharges of Chuquantonchee Creek Tributary, Town Creek Tributary No 2 and those portions of Town Creek and Town Creek Tributary No 1, and Town Creek Tributary No 3 that are within the City of West Point were computed using the WSPRO (U S DOT, 1986) and the USGS culvert program A526 (U S Department of the Interior, 1983)

Water-surface elevations for the 1-percent-annual-chance discharge for downstream portions of the Tombigee River and Tibbee creek, as well as for those portions of Town Creek, Town Creek Tributary No 1 and Town Creek Tributary No 3 that are within the City of West Point were computed using the HEC-2 step-backwater computer program (USACE 1973) The upstream water surface elevations for Tombigbee River were computed with HEC-RAS 3 1 3 (USACE, May 2005)

The WSPRO-computer water-surface elevation at the downstream end of the culverts at State Highway 50 was used to route the 1-percent-annual-chance peak discharge of Chuquatonchee Creek Tributary through the culverts to determine the elevation of the water surface at the upstream end of the culvert The 1-percent-annual-chance peak discharge was routed through the culverts using the USGS culvert program A356 The upstream water-surface elevation computed using the USGS culvert program was the starting water-surface elevation used for the continuation of WSPRO computations of the 1-percent-annual-chance flood profile upstream of State Highway 50 Where culvert computations were required, the 1-percent-annual-chance elevation of culvert crossings was determined as described for the State highway 50 crossing

The 1-percent-annual-chance flood elevation for Tibbee Creek near Tibbee gage was estimated from gage records to be 186 92 feet North American Vertical Datum of 1988 (NAVD) The Town Creek floodplain is almost parallel to Tibbee Creek upstream from the mouth of Town Creek From the mouth of Town Creek to a point about 1 mile upstream, the 1-percent-annual-chance headwater flood profile is less than the 1-percent-annual-chance backwater flood elevation on Tibbee Creek. The 1-percent-annual-chance flood elevation on Tibbee Creek at the mouth of Town Creek is about 184 92 feet NAVD The Tibbee Creek 1-percent-annual-chance flood elevation was transferred downstream from the Tibbee Creek gage based on the slope of the March 1973 flood profile If large flood peaks occurred simultaneously on the two streams, slightly higher flood elevations could occur at the lower reaches of Town Creek near its mouth However, due to the large difference in drainage area size, it is unlikely that large flood peaks will occur simultaneously on Town Creek and Tibbee Creek

Starting water-surface elevations for Chuqantonchee Creek Tributary, Town Creek Tributary No 2 and the porting of Town Creek downstream of the City of West Point southern corporate limits were obtained using the slope-conveyance method

Starting water-surface elevations for those portions of Town Creek and Town Creek Tributary No 1 upstream of the City of West Point northern corporate limits were taken from the Flood Insurance Study for the City of West Point (U S HUD, 1978)

Starting water-surface elevations for the Tombigbee River and Tibbee Creek were developed using either the slope-area method or coincidental flow analyses in backwater areas where peak discharges occur at approximately the same time

The starting water-surface elevation of Town Creek Tributary No 2 was compared to the 1-percent-annual-chance backwater flood elevation from Tibbee Creek The 1-percent-annual-chance flood elevation for Tibbee Creek near Tibbee gage was estimated from gage records to be 186 92 feet NAVD From the mouth of Town Creek Tributary No 2 to a point about 0 7 mile upstream, the 1-percent-annual-chance headwater flood profile is less than the 1-percent-annual-chance backwater flood elevation on Tibbee Creek The 1-percent-annual-chance backwater flood elevation from Tibbee Creek at the mouth of Town Creek Tributary No 2 is about 186 52 feet NAVD If large flood peaks occurred simultaneously on the two streams, slightly higher flood elevations could occur at the lower reaches of Town Creek Tributary No 2 near its mouth However due to the large difference in drainage area size it is unlikely that large flood peaks will occur simultaneously on Town Creek Tributary No 2 and Tibbee Creek

Flood profiles were drawn showing the computer water-surface elevations for floods of the selected recurrence intervals

The hydraulic analyses for this study are based on the effects of unobstructed flow The flood elevations shown on the profiles are thus considered valid only if hydraulic structures remain unobstructed, operate properly, and do not fail

Analyses of the hydraulic characteristics of flooding from the sources studied by enhanced approximate and approximate methods were carried out to provide estimates of the elevations of floods of the selected recurrence intervals

Water-surface profiles were computed for enhanced approximate and approximate study streams through the use of the U S Army Corps of Engineers HEC-RAS version 3 1 2 computer program (USACE, 2003) Water surface profiles were produced for the 1-percent-annual-chance storms for enhanced approximate and approximate studies

The enhanced approximate and approximate study methodology used Watershed Information SystEm (WISE) (Watershed Concepts, 2008) as a preprocessor to HEC-RAS Tools within WISE allowed the engineer to verify that the cross-section data was acceptable The WISE program was used to generate the input data file for HEC-RAS Then HEC-RAS was used to determine the flood elevation at each cross section of the modeled stream No floodway was calculated for streams studied by approximate methods

The hydraulic analyses for this study are based only on the effect on unobstructed flow The flood elevations as shown on the profiles are thus considered valid only if hydraulic structures in general remain unobstructed and do not fail

Floodplains were mapped to include backwater effects that govern each flooding source near its downstream extent Floodplains were reviewed for accuracy and adjusted as necessary

All qualifying bench marks within a given jurisdiction that are cataloged by the National Geodetic Survey (NGS) and entered into the National Spatial Reference System (SRS) as First or Second Order Vertical and have a vertical stability classification of A, B, or C are shown and labeled on the FIRM with their 6-character NSRS Permanent Identifier

Bench Marks cataloged by the NGS and entered into the NSRS vary widely in vertical stability classification NSRS vertical stability classifications are as follows

- Stability A Monuments of the most reliable nature, expected to hold position/elevation well (e g , mounted in bedrock)
- Stability B Monuments which generally hold their position/elevation well (e g , concrete bridge abutment)
- Stability C Monuments which may be affected by surface ground movements (e g , concrete monument below frost line)
- Stability D Mark of questionable or unknown vertical stability (e g , concrete monument above frost line, or steel witness post)

In addition to NSRS bench marks, the FIRM may also show vertical control monuments established by a local jurisdiction, these monuments will be shown on the FIRM with the

appropriate designations Local monuments will only be placed on the FIRM if the community has requested that they be included, and if the monuments meet the aforementioned NSRS inclusion criteria

To obtain current elevation, description, and/or location information for bench marks shown on the FIRM for this jurisdiction, please contact the Information Services Branch of the NGS at (301) 713-3242, or visit their Web site at www ngs noaa gov

It is important to note that temporary vertical monuments are often established during the preparation of a flood hazard analysis for the purpose of establishing local vertical control Although these monuments are not shown on the FIRM, they may be found in the Technical Support Data Notebook associated with this FIS and FIRM Interested individuals mat contact FEMA to access this data

3 3 Vertical Datum

All FIS reports and FIRMs are referenced to a specific vertical datum The vertical datum provides a starting point against which flood, ground, and structure elevations can be referenced and compared Until recently, the standard vertical datum in use for newly created or revised FIS reports and FIRMs was the National Geodetic Vertical Datum of 1929 (NGVD 29) With the finalization of the North American Vertical Datum of 1988 (NAVD 88), many FIS reports and FIRMs are being prepared using NAVD 88 as the referenced vertical datum Flood elevations shown in this FIS report and on the FIRM are referenced to NAVD 88 These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum It is important to note that adjacent counties may be referenced to NGVD 29 This may result in differences in base flood elevations across county lines

The elevations shown in the FIS report and on the FIRM for Clay County are referenced to NAVD88 Ground, structure, and flood elevations may be compared and/or referenced to NGVD29, add 0 12 feet to the NAVD88 elevation The 0 12 feet value is an average for the entire county The BFEs shown on the FIRM represent whole-foot rounded values For example, a BFE of 12 4 feet will appear as 12 feet on the FIRM and 12 6 feet as 13 feet Users who wish to convert the elevations in this FIS report to NGVD29 should apply the stated conversion factor to elevations shown on the Flood Profiles and supporting data tables in the FIS report, which are shown at a minimum to the nearest 0 1 foot

For more information on NAVD 88, see Converting the National Flood Insurance Program to the North American Vertical Datum of 1988, FEMA Publication FI-20/June 1992 or contact the Vertical Network Branch, National Geodetic Survey, Coast and Geodetic Survey, National Oceanic and Atmospheric Administration, Rockville, Maryland 20910 (Internet address http www ngs noaa gov)

4 0 FLOODPLAIN MANAGEMENT APPLICATIONS

The NFIP encourages State and local governments to adopt sound floodplain management programs To assist in this endeavor, each FIS report provides 1-percent-annual-chance floodplain data, which may include a combination of the following 10-, 2-, 1-, and 0 2-percent-annual-chance flood elevations, delineations of the 1- and 0 2-percent-annual-chance floodplains, and a 1-percent-annual-chance floodway This information is presented on the FIRM and in many components of the FIS report, including Flood Profiles, Floodway Data tables, and Summary of

Stillwater Elevation tables Users should reference the data presented in the FIS report as well as additional information that may be available at the local community map repository before making flood elevation and/or floodplain boundary determinations

4 1 Floodplain Boundaries

To provide a national standard without regional discrimination, the 1-percent-annual-chance flood has been adopted by FEMA as the base flood for floodplain management purposes The 0 2-percent-annual-chance flood is employed to indicate additional areas of flood risk in the community

For each stream studied by detailed and enhanced approximate methods, the 1- and/or 0 2-percent-annual-chance floodplain boundaries have been delineated using the flood elevations determined at each cross section Between cross sections, the detail boundaries were interpolated using topographic maps at a scale of 1 2400, with a contour interval of 20 feet (U S Geological Survey, 1987) The enhanced approximate boundaries were interpolated using 5-foot interval topographic mapping developed from USGS 10 meter digital elevation models (DEM) which were acquired from the Mississippi Automated Resource Information System (MARIS) (MARIS, 2007)

For each streams studied by approximate methods, the 1-percent-annual-chance floodplain boundaries have been delineated using interpolation of 5-foot interval topographic mapping developed from USGS 10 meter digital elevation models (DEM)

The 1- and 0 2-percent-annual-chance floodplain boundaries are shown on the FIRM (Exhibit 2) On this map, the 1 percent-annual-chance floodplain boundary corresponds to the boundary of the areas of special flood hazards (Zones A, AE and X), and the 0 2-percent-annual-chance floodplain boundary corresponds to the boundary of areas of moderate flood hazards In cases where the 1- and 0 2-percent-annual-chance floodplain boundaries are close together, only the 1-percent-annual-chance floodplain boundary has been shown Small areas within the floodplain boundaries may lie above the flood elevations, but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data

For the streams studied by approximate methods, only the 1-percent-annual-chance floodplain boundary is shown on the FIRM

4 2 Floodways

Encroachment on floodplains, such as structures and fill, reduces flood-carrying capacity, increases flood heights and velocities, and increases flood hazards in areas beyond the encroachment itself One aspect of floodplain management involves balancing the economic gain from floodplain development against the resulting increase in flood hazard For purposes of the NFIP, a floodway is used as a tool to assist local communities in this aspect of floodplain management Under this concept, the area of the 1-percent-annual-chance floodplain is divided into a floodway and a floodway fringe The floodway is the channel of a stream, plus any adjacent floodplain areas, that must be kept free of encroachment so that the base flood can be carried without substantial increases in flood heights Minimum Federal standards limit such increases to 1 foot, provided that hazardous velocities are not produced. The floodways in this study are presented to local agencies as minimum standards that can be adopted directly or that can be used as a basis for additional floodway studies

The floodways presented in this study were computed for certain stream segments on the basis of equal-conveyance reduction from each side of the floodplain Floodway widths were computed at cross sections Between cross sections the floodway boundaries were interpolated The results of the floodway computations are tabulated for selected cross sections in Table 4 In cases where the floodway and 1-percent-annual-chance floodplain boundaries are either close together or collinear, only the floodway boundary is shown

The area between the floodway and 1-percent-annual-chance floodplain boundaries is termed the floodway fringe The floodway fringe encompasses the portion of the floodplain that could be completely obstructed without increasing the water-surface elevation (WSEL) of the base flood more than 1 foot at any point Typical relationships between the floodway and the floodway fringe and their significance to floodplain development are shown in Figure 1

No floodways were computed for streams studied by enhanced approximate or approximate methods because of limitations in the methodology

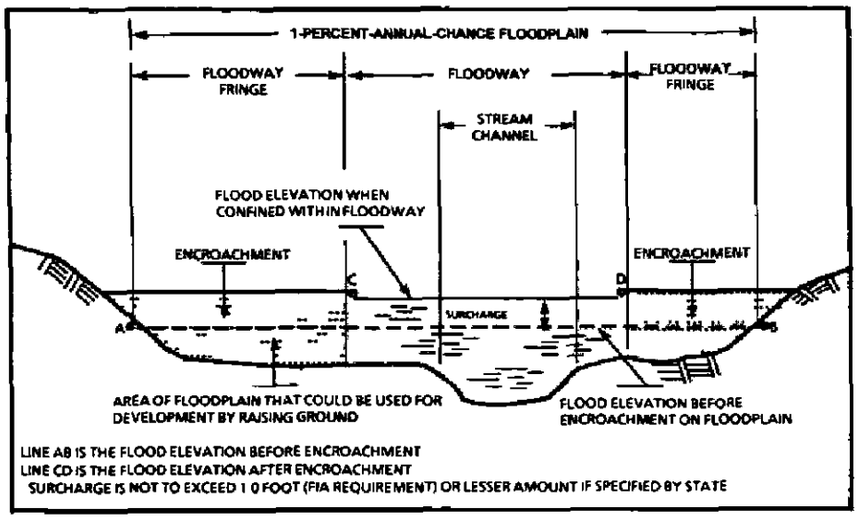


Figure 1 Floodway Schematic

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TIBBEE CREEK								
A	15,100	4 051[2]	48,941	2 0	176 9	170 7[3]	171 7	1 0
B	24,730	8 960[2]	69 897	1 4	176 9	176 1[3]	176 8	0 7
C	30 720	6 119[2]	70,657	1 4	179 7	179 7	180 7	1 0
D	36 080	8 949[2]	123 130	0 8	180 9	180 9	181 8	0 9

[1] Feet above confluence with Tombigbee River
[2] This width extends beyond county boundary
[3] Elevation computed without consideration of backwater effects from Tombigbee River

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY
CLAY COUNTY, MS
AND INCORPORATED AREAS

FLOODWAY DATA

TIBBEE CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOMBIGBEE RIVER (Downstream Reach)								
A	23 28	11 396[2]	245 001	0 8	176 5	176 5	177 5	1 0
B	25 49	10,379[2]	150 149	1 3	177 8	177 8	177 8	1 0
C	27 77	9 076[2]	119,062	1 6	179 8	179 8	180 8	1 0
D	28 34	8 801[2]	119 883	1 6	180 4	180 4	181 4	1 0
E	30 06	9 630[2]	131 493	1 5	183 7	183 7	184 7	1 0
F	30 80	5 974[2]	524,391	3 6	183 9	183 9	184 9	1 0
G	31 35	4 307[2]	46,683	4 0	184 6	184 6	185 6	1 0

[1] Miles above state boundary
[2] This width extends beyond county boundary

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY
CLAY COUNTY, MS
AND INCORPORATED AREAS

FLOODWAY DATA

TOMBIGBEE RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOMBIGBEE RIVER (Upstream Reach)								
A	3	5,988[2]	65,607	2 9	186 2	186 2	186 6	0 4
B	3,108	3,864[2]	46,384	3 1	186 8	186 8	187 7	0 9

[1] Feet above Limit of Detailed Study, approximately 7,800 feet downstream of the Monroe/Clay County Boundary
[2] This width extends beyond county boundary

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY
CLAY COUNTY, MS
AND INCORPORATED AREAS

FLOODWAY DATA

TOMBIGBEE RIVER

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOWN CREEK								
A*								
B	19 187	289	559	5 9	207 1	207 1	207 1	0 0
C	20,387	574	1 187	2 8	208 1	208 1	209 0	0 9
D	22,042	172	480	6 7	211 0	211 0	211 4	0 4
E	22,242	256	1,067	3 0	212 2	212 2	212 5	0 3
F	23 364	310	1 211	2 3	214 8	214 8	215 4	0 6
G	24 514	213	506	5 4	215 7	215 7	216 7	1 0
H	25,115	62	564	4 8	217 6	217 6	218 5	0 9
I	26 165	178	810	3 2	220 7	220 7	221 1	0 4
J	27,105	741	3,250	0 8	221 1	221 1	221 7	0 6
K	28 605	513	1,453	1 8	221 8	221 8	222 5	0 7
L	29 917	40	244	5 7	223 2	223 2	224 0	0 8
M	31,067	168	547	2 5	228 2	228 2	228 9	0 7
N*								
O*								

[1] Feet above confluence of Town Creek Tributary No 2
* Floodway data not computed

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY
CLAY COUNTY, MS
AND INCORPORATED AREAS

FLOODWAY DATA

TOWN CREEK

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOWN CREEK TRIBUTARY NO 1								
A	1 715	64	255	4 3	225 1	225 1	225 5	0 4
B	2,615	84	280	3 9	229 2	229 2	230 2	1 0
C-F*								

[1] Feet above confluence with Town Creek
*Floodway data not computed

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY
CLAY COUNTY, MS
AND INCORPORATED AREAS

FLOODWAY DATA

TOWN CREEK TRIBUTARY NO. 1

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
TOWN CREEK TRIBUTARY NO 3								
A	7,913	262	2 129	0 5	214 0	214 0	215 0	1 0
B	8,643	289	1,188	0 8	214 7	214 7	215 7	1 0
C	8,943	523	2,261	0 3	214 7	214 7	215 7	1 0
D	9 753	35	195	3 8	215 4	215 4	216 3	0 9
E	10,653	44	208	2 6	219 5	219 5	219 6	0 1
F	12 253	22	88	3 4	224 6	224 6	225 6	1 0

[1] Feet above mouth

TABLE 4

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY, MS

AND INCORPORATED AREAS

FLOODWAY DATA

TOWN CREEK TRIBUTARY NO. 3

5.0 INSURANCE APPLICATION

For flood insurance rating purposes, flood insurance zone designations are assigned to a community based on the results of the engineering analyses. These zones are as follows.

Zone A

Zone A is the flood insurance rate zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS report by approximate methods. Because detailed hydraulic analyses are not performed for such areas, no base (1-percent-annual-chance) flood elevations (BFEs) or depths are shown within this zone.

Zone AE

Zone AE is the flood insurance rate zone that corresponds to the 1-percent-annual-chance floodplains that are determined in the FIS report by detailed methods. Whole foot BFEs derived from the detailed hydraulic analyses are shown at selected intervals within this zone.

Zone X

Zone X is the flood insurance rate zone that corresponds to areas outside the 0.2-percent-annual-chance floodplain, areas within the 0.2-percent-annual-chance floodplain, areas of 1-percent-annual-chance flooding where average depths are less than 1 foot, areas of 1-percent-annual-chance flooding where the contributing drainage area is less than 1 square mile (sq. mi.), and areas protected from the base flood by levees. No BFEs or depths are shown within this zone.

6.0 FLOOD INSURANCE RATE MAP

The FIRM is designed for flood insurance and floodplain management applications.

For flood insurance applications, the map designates flood insurance rate zones as described in Section 5.0 and, in the 1-percent-annual-chance floodplains that were studied by detailed methods, shows selected whole-foot BFEs or average depths. Insurance agents use zones and BFEs in conjunction with information on structures and their contents to assign premium rates for flood insurance policies.

For floodplain management applications, the map shows by tints, screens, and symbols, the 1- and 0.2-percent-annual-chance floodplains, floodways, and the locations of selected cross sections used in the hydraulic analyses and floodway computations.

The countywide FIRM presents flooding information for the entire geographic area of Clay County. Previously, FIRMs were prepared for each incorporated community and the unincorporated areas of the County identified as flood-prone. This countywide FIRM also includes flood-hazard information that was presented separately on Flood Boundary and Floodway Maps (FBFMs), where applicable. Historical data relating to the maps prepared for each community are presented in Table 5, "Community Map History."

COMMUNITY NAME	INITIAL IDENTIFICATION	FLOOD HAZARD BOUNDARY MAP REVISIONS DATE	FIRM EFFECTIVE DATE	FIRM REVISIONS DATE
Clay County (Unincorporated Areas)	September 16, 1977	None	July 16, 1990	None
West Point, City of	June 21, 1974	December 19, 1975	January 5, 1978	July 16, 1990

TABLE 5

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY , MS

AND INCORPORATED AREAS

COMMUNITY MAP HISTORY

7 0 OTHER STUDIES

The Flood Insurance Studies published for Lowndes, Monroe, and Webster Counties are in agreement with this study

Information pertaining to revised and unrevised flood hazards for each jurisdiction within Clay County has been compiled into this FIS Therefore, this FIS report supersedes or is compatible with all previously printed FIS reports, FIRMs, and Flood Hazard Boundary Maps (FBFMs) for jurisdictions within Clay County, and should be considered authoritative for the purposed of the NFIP

8 0 LOCATION OF DATA

Information concerning the pertinent data used in the preparation of this study can be obtained by contacting Federal Insurance and Mitigation Division, FEMA Region IV, Koger-Center — Rutgers Building, 3003 Chamblee Tucker Road, Atlanta, GA 30341

Future revisions may be made that do not result in the republishing of the Flood Insurance Study report To ensure that any user is aware of all revisions, it is advisable to contact the map repository of flood hazard data located in the community

9 0 BIBLIOGRAPHY AND REFERENCES

Daily Times Leader, West Point, Mississippi, March 16, 1973

Federal Emergency Management Agency, Flood Insurance Study, Lowndes County, Unincorporated Areas, Mississippi, May 1989

Federal Emergency Management Agency, Preliminary Flood Insurance Study, Lowndes County, Unincorporated Areas, Mississippi, September 2009

Federal Emergency Management Agency, Flood Insurance Study, Monroe County and Incorporated Areas, Mississippi, In Progress

Federal Emergency Management Agency, Flood Insurance Study, Webster County, Unincorporated Areas, Mississippi, January 2010

Mississippi Automated Resource Information System (MARIS), http //www maris state ms us/HTM/DownloadData/Contours html, Contours (1 24000) for Clay County, Mississippi – 2007, dates of collection 1964-1996 2007

National Weather Service Forecast Office, Tupelo, MS Climate Data, http /www srh noaa gov/meg/tupcli php Accessed June 25, 2009

U S Army Corps of Engineers, Hydrologic Engineering Center, HEC-2 Water Surface Profiles, Computer Program 723-X6-L202A, Davis, California, October 1973

U S Army Corps of Engineers Hydrologic Engineering Center, HEC-RAS River Analysis System User's Manual, Version 3 1 2, April 2003

U S Army Corp of Engineers, Hydrologic Engineering Center, HEC-RAS, River Analysis System, Version 3 1 3, Davis, California, May 2005

U S Army Corps of Engineers Mobile District, Tuscaloosa Site Office, US Army Corps of Engineers, 10/23/2005, John Stennis Pool Bathymetry 2005

U S Census Bureau, http //www census gov/, Accessed February 4, 2009

U S Department of Housing and Urban Development, Federal Insurance Administration, Flood Insurance Study, City of West Point, Clay County, Mississippi, January 1978

U S Department of Housing and Urban Development, Federal Insurance Administration, Flood Hazard Boundary Map, Clay County, Unincorporated Areas, Mississippi, September 1977

U S Geological Survey, Flood Frequency of Mississippi Streams, B E Colson and J W Hudson, 1976

U S Department of the Interior, Geological Survey, Water Resources Investigations, Preparation of Input Data for Automatic Computation of Stage-Discharge Relations at Culverts, H R. Matthai, H E Stull, and Jacob Davidian, August 1983

U S Department of the Interior, Geological Survey, Water-Supply Paper 2207, Flood Characteristics of Urban Watersheds in the United States, V B Sauer, W O Thomas, Jr , V A Stricker, and K V Wilson, 1983

U S Department of Transportation, Federal Highway Administration, Report no FHWA/RD-86/108, Bridge Waterways Analysis Model, Research Report, J O Shearman, W H Kirby, V R Snyder, and H N Flippo, July 1986

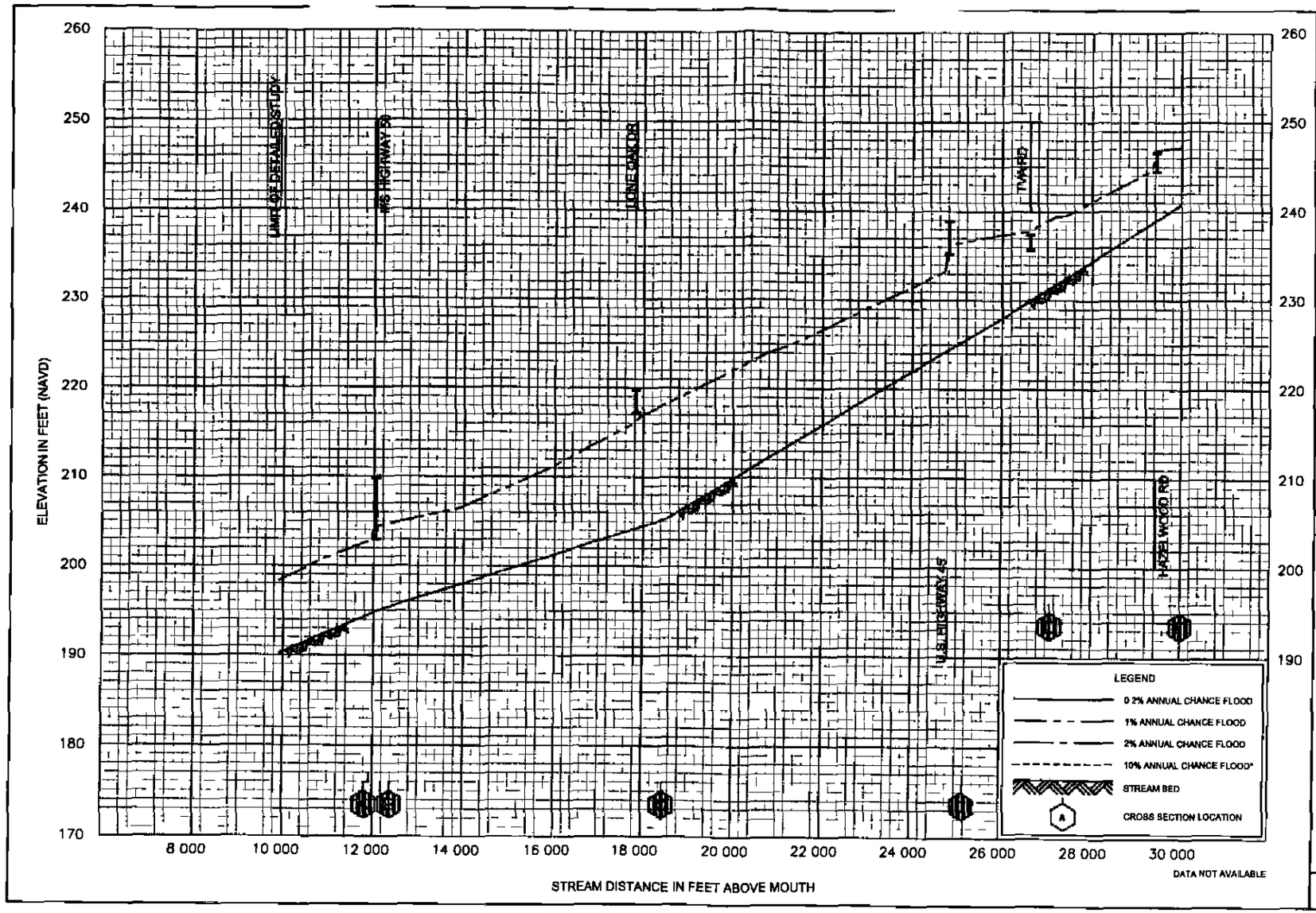
U S Geological Survey, 7 5 Minute Series Topographic Maps, Scale 1 24000, Contour Interval 10 Feet Muldon, Mississippi, 1987, Strong, Mississippi, 1987, Waverly, Mississippi, 1987, West point, Mississippi, 1987

U S Geological Survey, PeakFQ, Flood Frequency Analysis Based on Bulletin 17B, July 2005

U S Geological Survey, Nationwide Summary of U S Geological Survey Regional Regression Equations for Estimating Magnitude and Frequency of Floods for Ungaged Sites, U S Geological Survey Water-Resources Investigations Report 94-4002, 1993

U S Department of Commerce, National Oceanic and Atmospheric Administration, Environmental Data Services, Climatological Data for Mississippi, Volume 80, No 3, Asheville, North Carolina, 1975

Watershed Concepts, a Division of AECOM, Water Information SystEm Version 3 1 1, Greensboro, NC, July 2008



FLOOD PROFILES

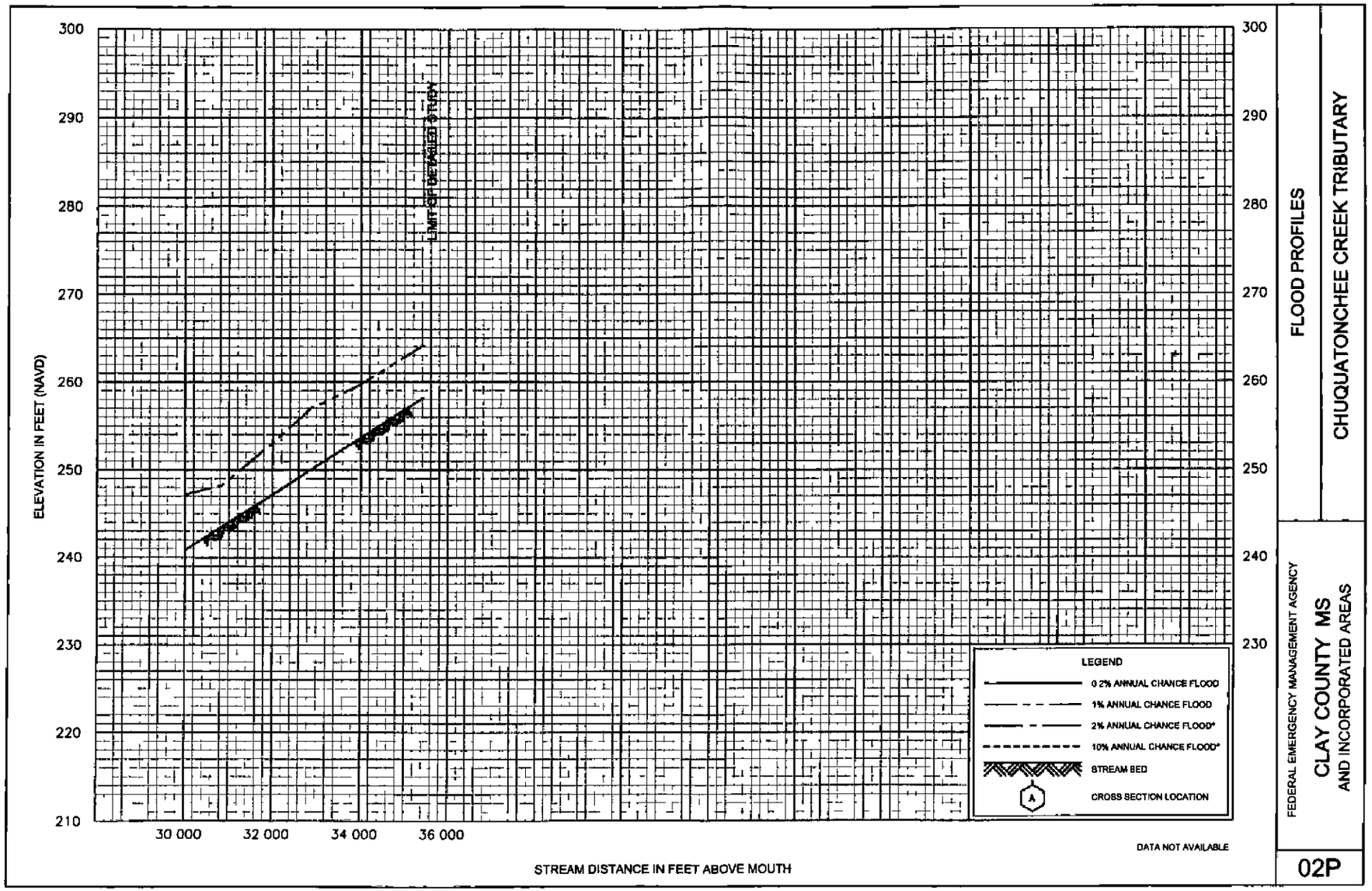
CHUQUATONCHEE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY, MS

AND INCORPORATED AREAS

01P



FLOOD PROFILES

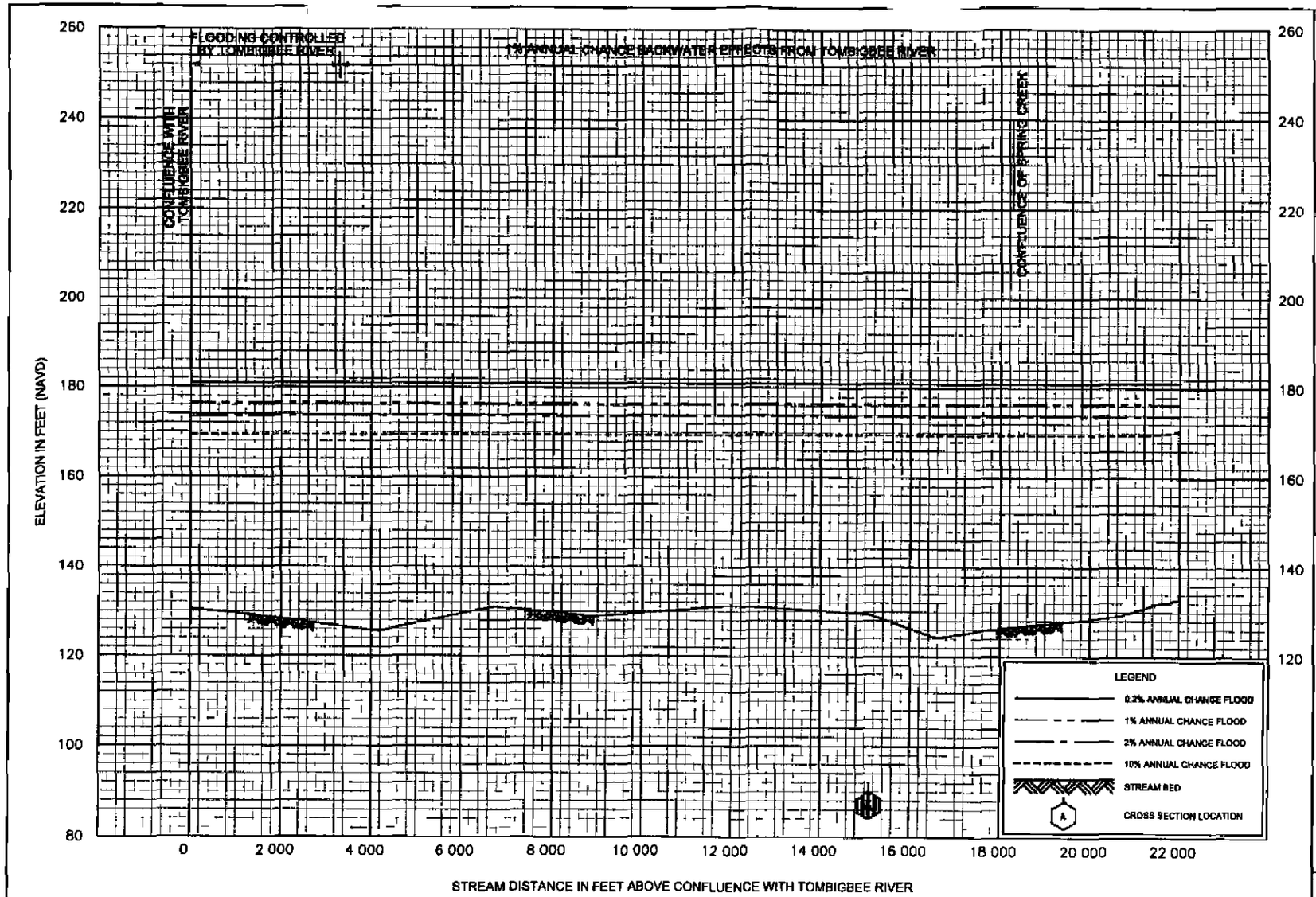
CHUQUATONCHEE CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY MS

AND INCORPORATED AREAS

02P



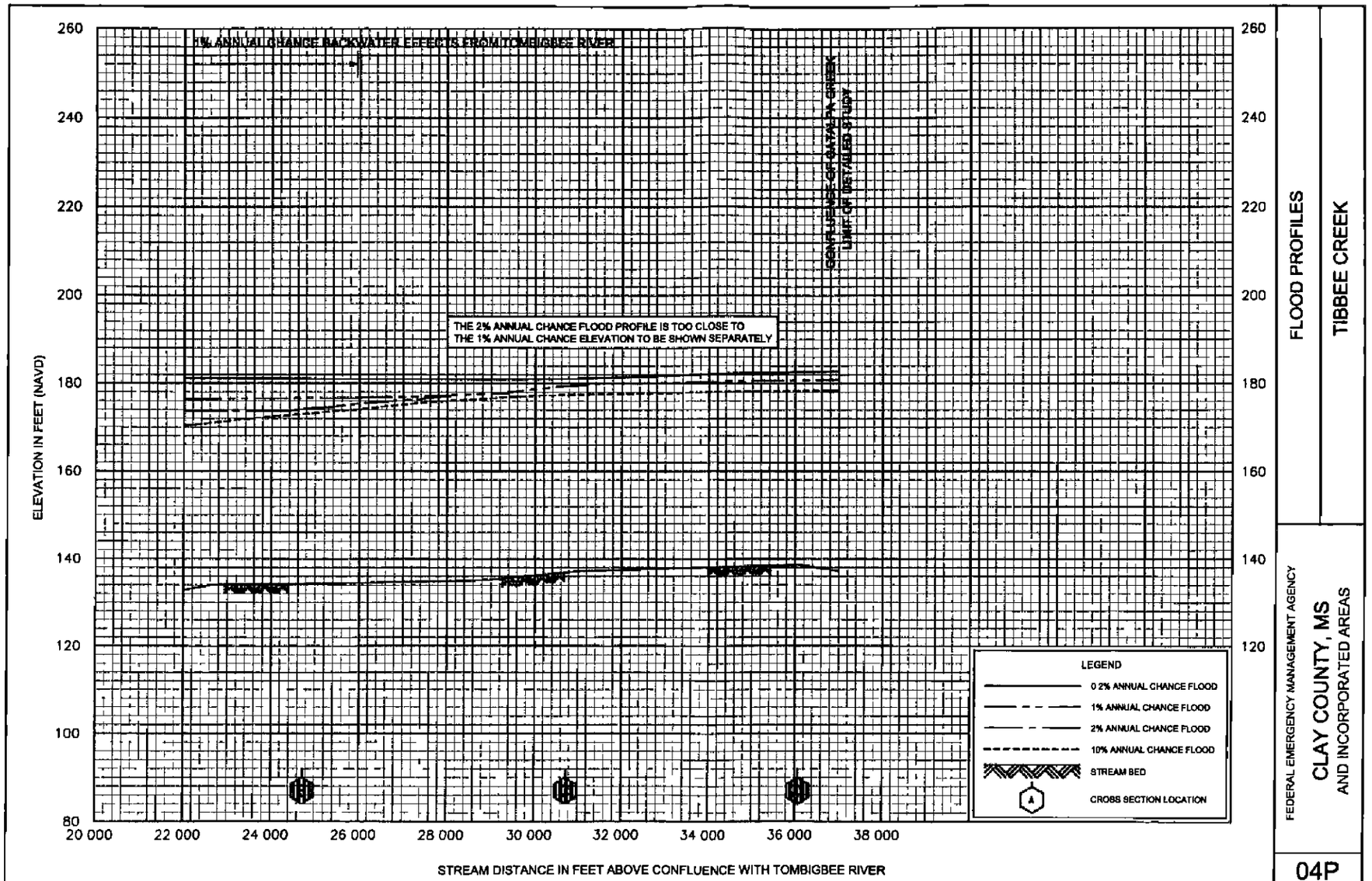
FLOOD PROFILES

TIBBEE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY, MS
AND INCORPORATED AREAS

03P



FLOOD PROFILES

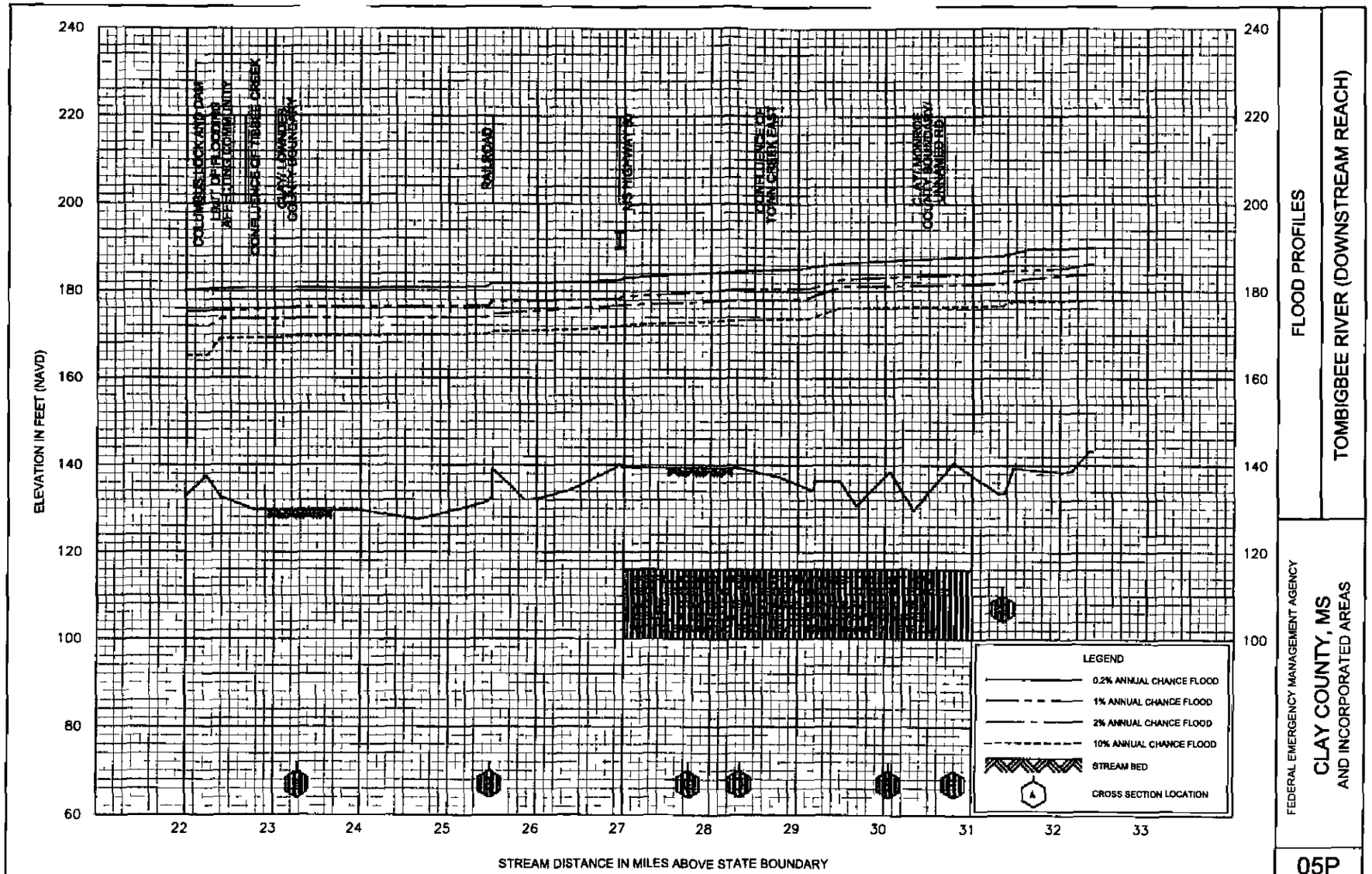
TIBBEE CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY, MS

AND INCORPORATED AREAS

04P



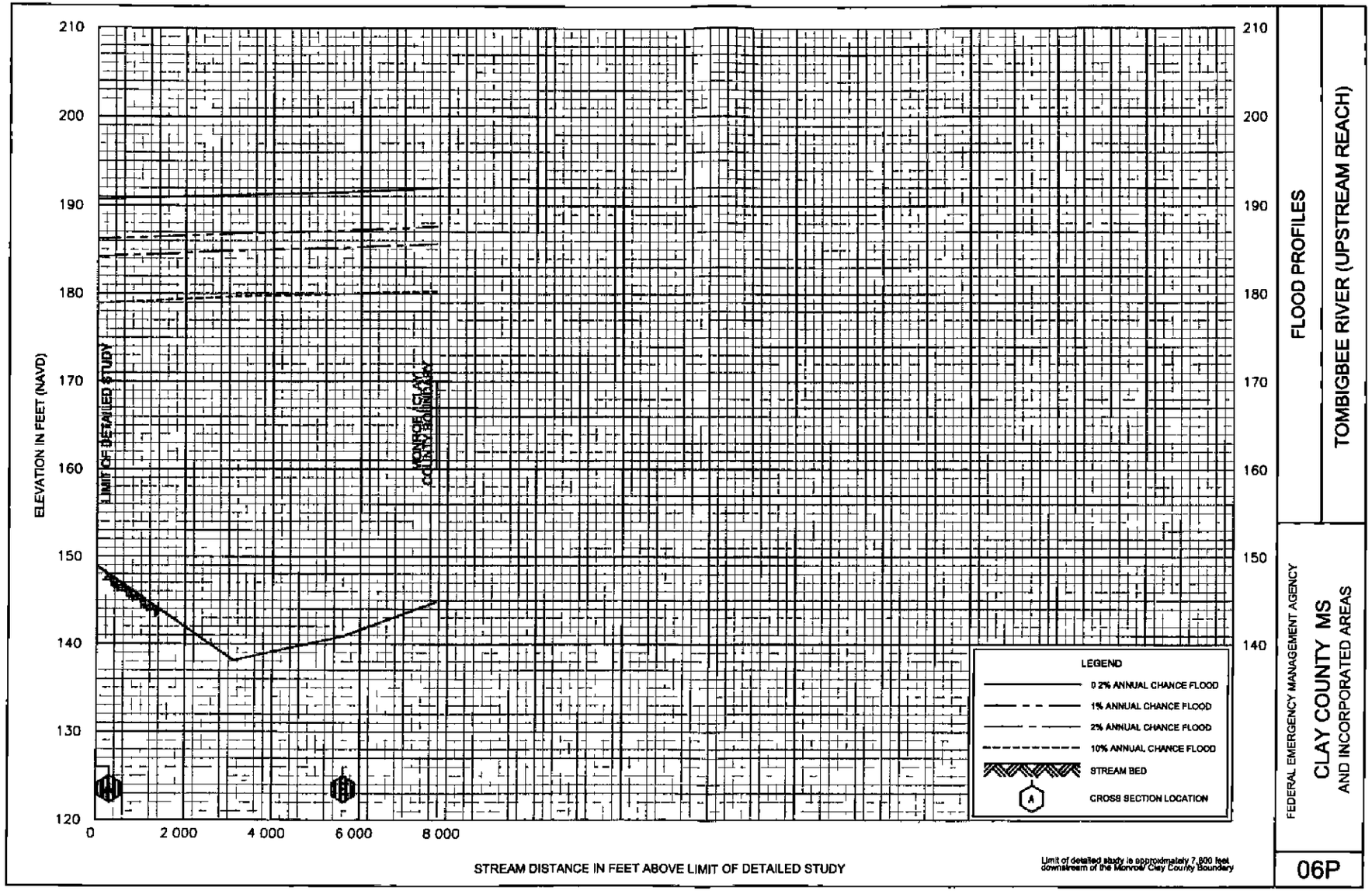
FLOOD PROFILES

TOMBIGBEE RIVER (DOWNSTREAM REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY, MS
AND INCORPORATED AREAS

05P



FLOOD PROFILES

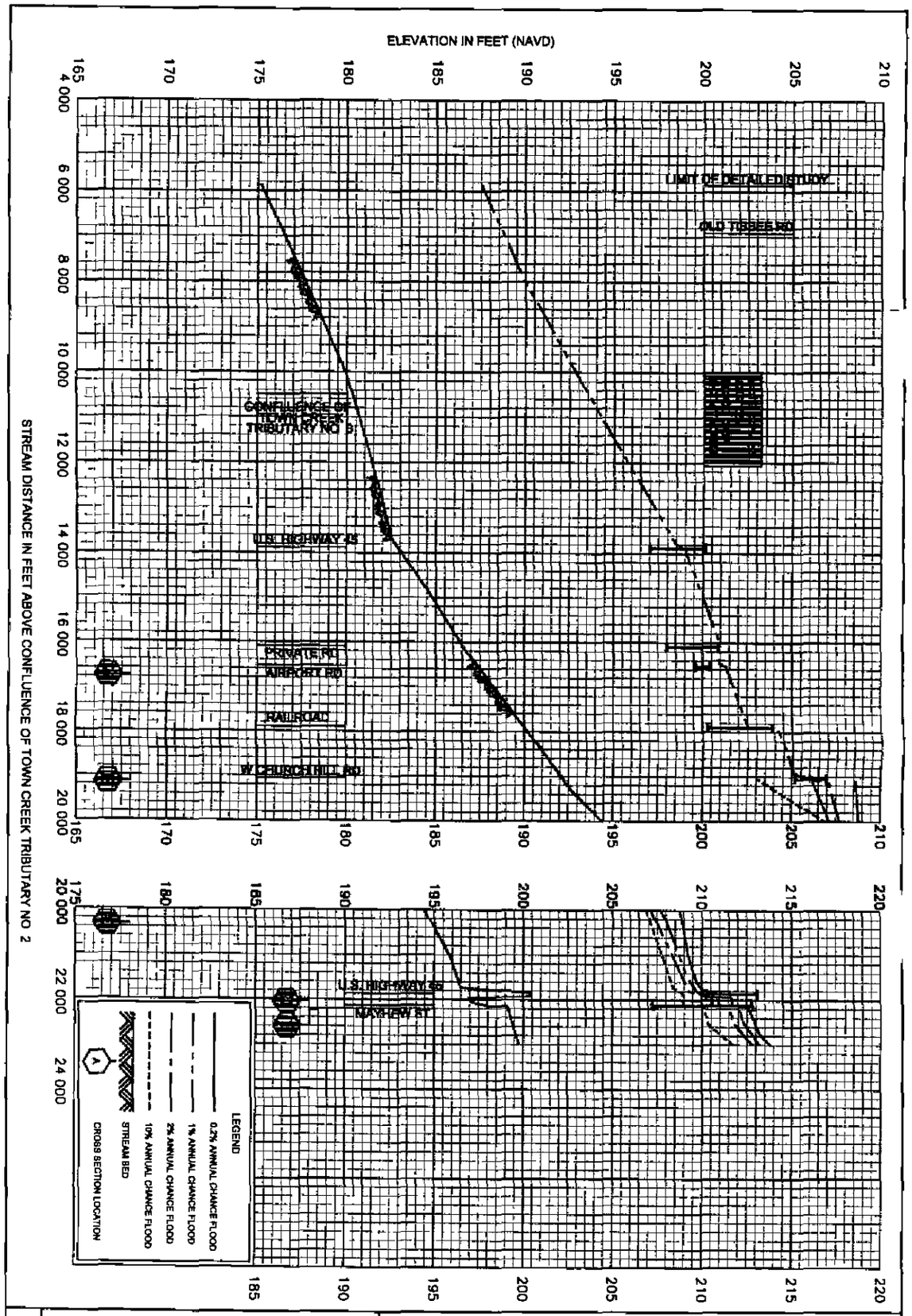
TOMBIGBEE RIVER (UPSTREAM REACH)

FEDERAL EMERGENCY MANAGEMENT AGENCY

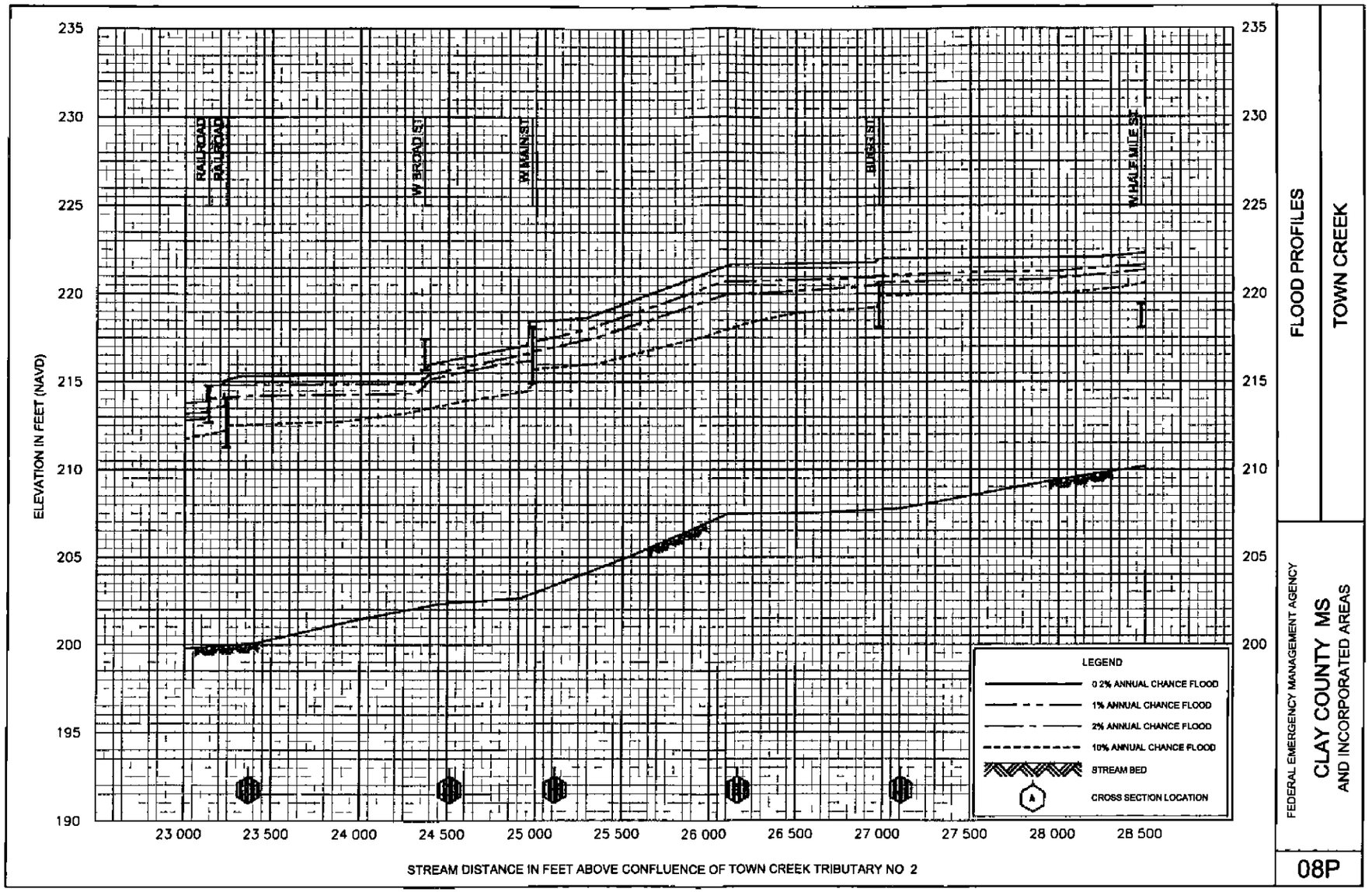
CLAY COUNTY, MS

AND INCORPORATED AREAS

06P



07P	FEDERAL EMERGENCY MANAGEMENT AGENCY CLAY COUNTY, MS AND INCORPORATED AREAS	FLOOD PROFILES TOWN CREEK



FLOOD PROFILES

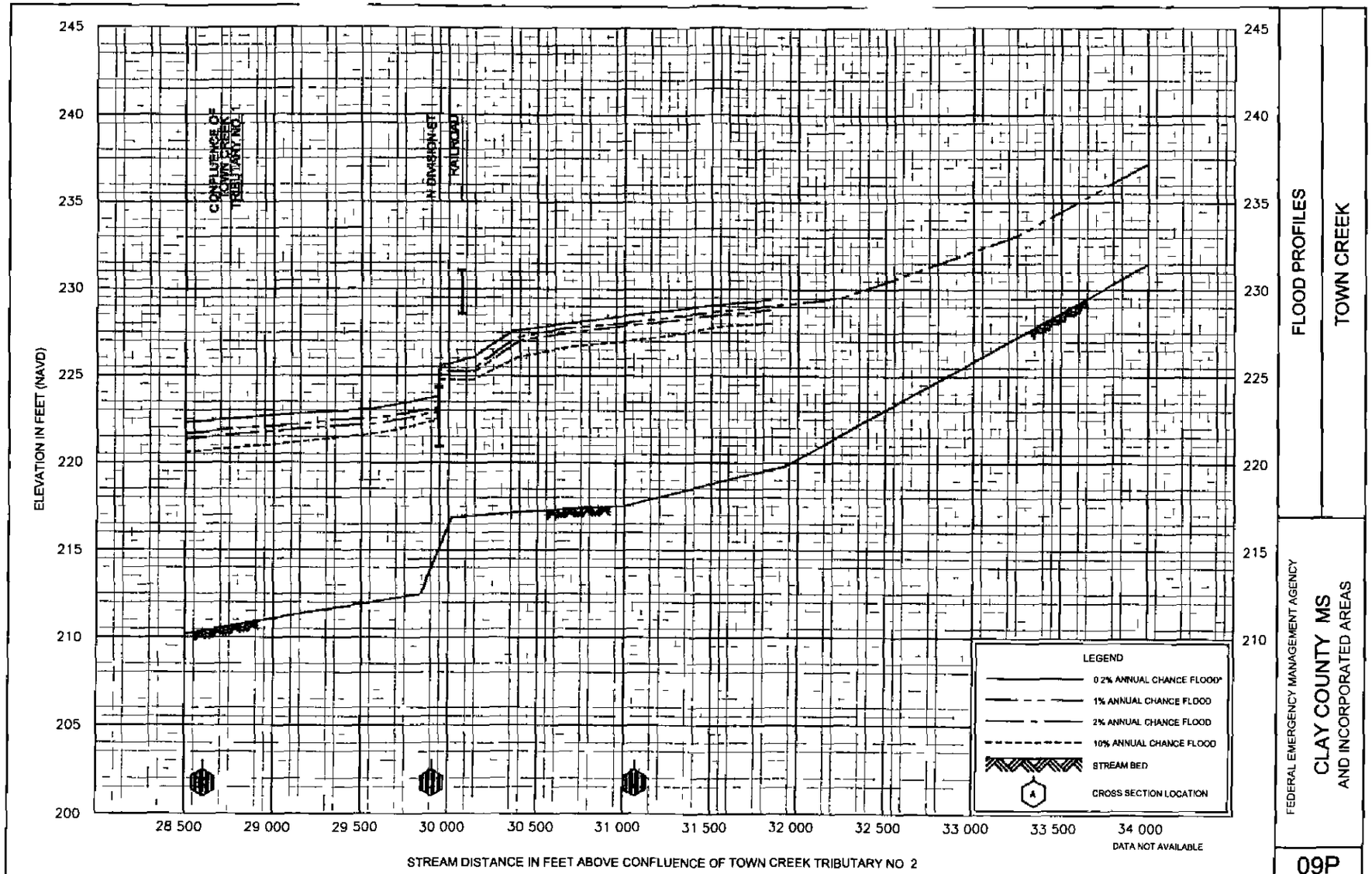
TOWN CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY MS

AND INCORPORATED AREAS

08P



FLOOD PROFILES

TOWN CREEK

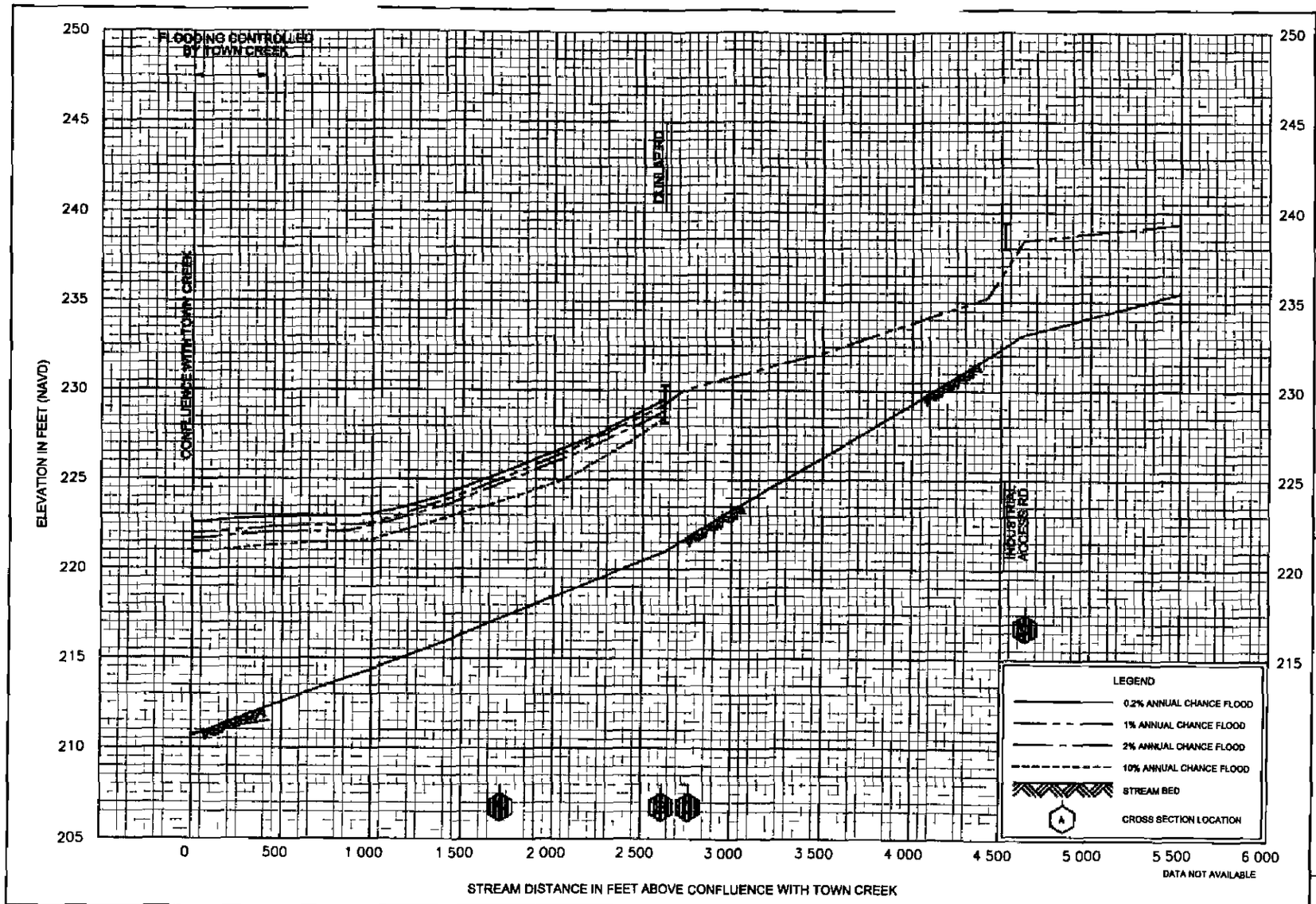
FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY MS

AND INCORPORATED AREAS

09P

10P
FEDERAL EMERGENCY MANAGEMENT AGENCY
CLAY COUNTY, MS
AND INCORPORATED AREAS
FLOOD PROFILES
TOWN CREEK
STREAM DISTANCE IN FEET ABOVE CONFLUENCE OF TOWN CREEK TRIBUTARY NO. 2
ELEVATION IN FEET (NAVD)
34 000
34 500
35 000
35 500
36 000
36 500
37 000
220
225
230
235
240
245
250
255
260
265
LEGEND
0.2% ANNUAL CHANCE FLOOD
1% ANNUAL CHANCE FLOOD
2% ANNUAL CHANCE FLOOD*
10% ANNUAL CHANCE FLOOD
STREAM BED
CROSS SECTION LOCATION
A
DATA NOT AVAILABLE
LIMIT OF DETAILED STUDY
INDUSTRIAL ACCESS RD



FLOOD PROFILES

TOWN CREEK TRIBUTARY NO 1

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY MS

AND INCORPORATED AREAS

11P

STREAM DISTANCE IN FEET ABOVE CONFLUENCE WITH TOWN CREEK
5 500
6 000
6 500
7 000
ELEVATION IN FEET (NAVD)
270
265
260
255
250
245
240
235
230
225
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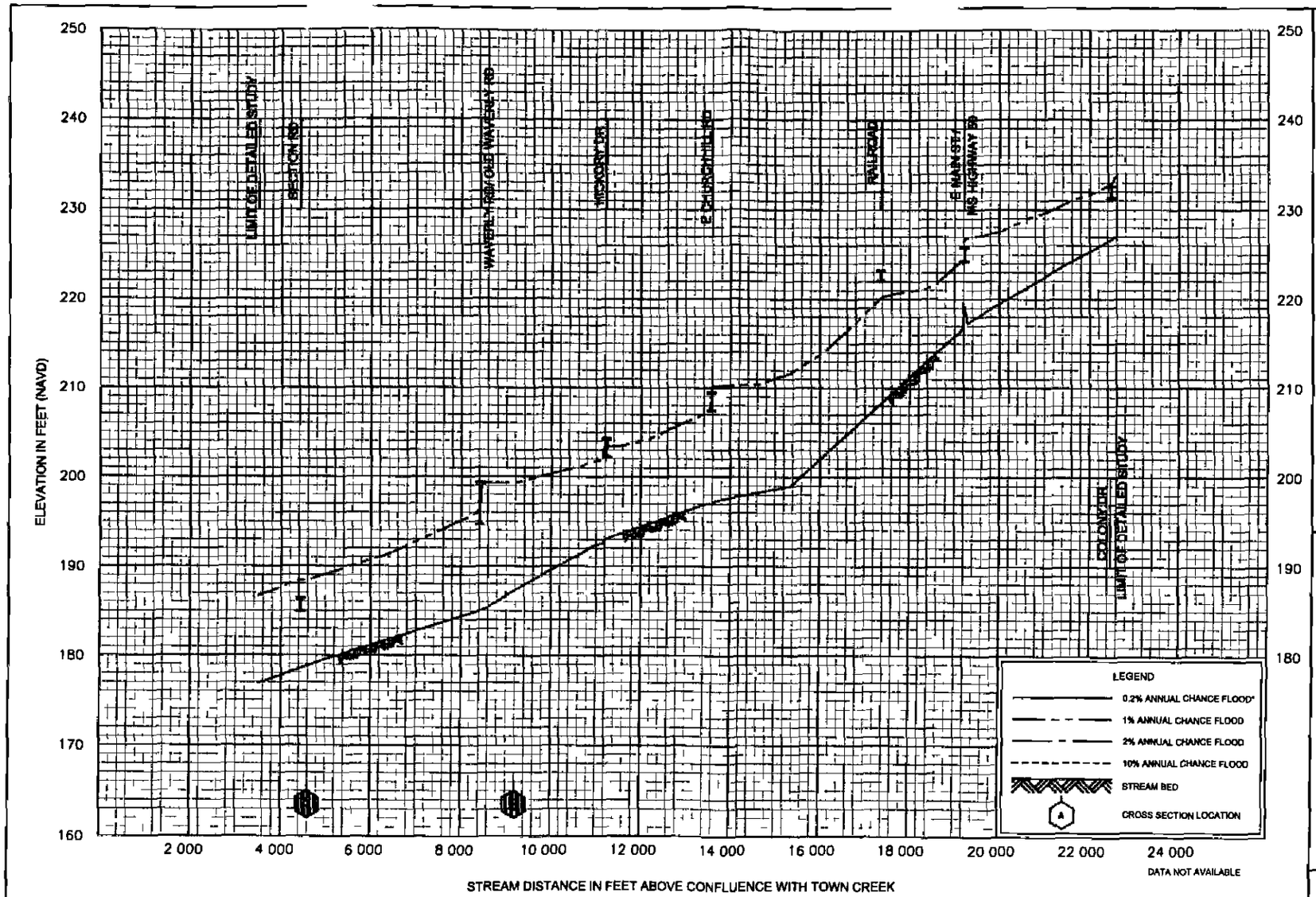
FEDERAL EMERGENCY MANAGEMENT AGENCY
CLAY COUNTY MS
AND INCORPORATED AREAS
FLOOD PROFILES
TOWN CREEK TRIBUTARY NO 1
12P



FLOOD PROFILES

TOWN CREEK TRIBUTARY NO 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

CLAY COUNTY, MS

AND INCORPORATED AREAS

13P

NO _____

IN THE MATTER OF ADVERTISING THE RESOURCES OF CLAY COUNTY, MISSISSIPPI

There came on this day for consideration the matter of advertising the resources of Clay County, Mississippi

After motion by Mr Lummus and second by Mr Deanes this Board doth vote unanimously to advertise on the new county maps being printed by Community Link at a cost of $295 00

So ordered this the 25th day of April, 2011

President

This Board doth adjourn until 9 A M on May 2, 2011

President

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intentionally

Barbara L. Robinson
Chancery Clerk