



BOBBY JINDAL
GOVERNOR

STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

P.O. Box 94245
Baton Rouge, Louisiana 70804-9245

www.dotd.la.gov
225-379-1485



WILLIAM D. ANKNER, Ph.D.
SECRETARY

December 2, 2008

STATE PROJECT NO. 838-03-0023
WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) – PHASE 1
ROUTE LA 406
PLAQUEMINES PARISH

SUBJECT: ADDENDUM NO. 1 (CONSTRUCTION PROPOSAL REVISION)
ELECTRONIC BIDDING AMENDMENT NO. 1

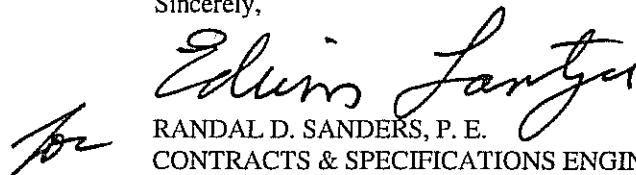
Gentlemen:

The following proposal revisions dated 12/02/08 on the captioned project for which bids will be received on Wednesday, December 10, 2008 have been posted on <http://www.dotd.la.gov/cgi-bin/construction.asp>.

1. Added the revised special provision entitled **RAILWAY – HIGHWAY PROVISIONS**. (1 page)
2. Revised the special provision entitled **SUBLETTING OF CONTRACT**. (1 page)
3. Revised the special provision entitled **CONTRACT TIME**. (1 page)
4. Added the supplemental specification entitled **GENERAL LIABILITY POLICIES**. (14 pages)
5. Plan Revision No. 2. (Entire plan set attached - 63 sheets)
6. Revised the Schedule of Items as follows: (9 pages)
 - a). Revised the quantities of Items 202-02-C, 202-02-E, 203-01, 203-02, 203-04, 203-07, 203-07-B, 302-02-F, 502-01, 502-01-A, 707-01, 713-03-A, 713-03-B, 713-04-A, 717-01, 718-01, 731-02, 732-01-E, 732-02-A, 732-03-A, 732-04-A, 735-01, 735-02, S-003, S-005 and S-006.
 - b). Added Items 732-04-B, 732-04-C and 732-04-D.

Please note these revisions in the proposal previously furnished you and bid accordingly. Mandatory electronic bidding is required for this project, and electronic bids and electronic bid bonds must be submitted via www.bidx.com for this letting date.

Sincerely,


RANDAL D. SANDERS, P. E.
CONTRACTS & SPECIFICATIONS ENGINEER

Attachments

pc: Mr. Brian Buckel
Mr. Michael Stack
Mr. Nelson Capote
Ms. Anna Hanks
Mr. Chris Morvant
Ms. Jennifer Branton
Mr. Masood Rasoulia

RAILWAY-HIGHWAY PROVISIONS: Subsection 107.08 of the 2006 Standard Specifications is amended as follows.

Heading (n) is amended to include the following. The required Railroad Protective Liability Insurance shall be purchased on behalf of New Orleans & Gulf Coast Railroad.

The ratio of the estimated cost of operations within the Railway's property to the total estimated project cost is 1.0 percent. No direct payment will be made for providing the required insurance coverages.

The contractor will get Special Railroad Protective Liability Insurance (RPLI) with the railroad company, New Orleans & Gulf Coast Railroad, named additional as a beneficiary. This insurance is detailed in section 107.08 (n) (3) of the DOTD "Louisiana Standard Specifications for Roads and Bridges" book, which **is in addition** to the normal contractor's insurance require by LA DOTD for construction projects.

The contractor shall contact the Project Engineer or New Orleans & Gulf Coast Railroad General Manager, Mr. Tracy Ulm @ 504-347-0792 to obtain a Railroad Right-of-Entry Permit. The contractor shall notify the railroad **at least** 10 days prior to beginning work on railroad right of way to coordinate construction work and train schedule to determine if a railroad flagman is needed, as specified in section 107.08 of the DOTD "Louisiana Standard Specifications for Roads and Bridges" book.

Railroad insurance and permit documents are required on site when on railroad property.

SUBLETTING OF CONTRACT (01/83): In accordance with Subsection 108.01 of the Standard Specifications, the following items are designated as "Specialty Items":

- Item 202-02-H, Removal of Guard Rail
- Item 704-03, Blocked Out Guard Rail
- Item 704-07-A, Guard Rail Bridge Attachments (Single Thrie Beam)
- Item 704-08-B, Guard Rail Transitions (Double Thrie Beam)
- Item 704-11-A, Guard Rail End Treatment (Flared)
- Item 729-16-C, Object Marker Assembly (Type 3)
- Item 731-02, Reflectorized Raised Pavement Markers
- Item 732-01-E, Plastic Pavement Striping (24" Width)
- Item 732-02-A, Plastic Pavement Striping (Solid Line) (4" Width)
- Item 732-03-A, Plastic Pavement Striping (Broken Line) (4" Width)
- Item 732-04-A, Plastic Pavement Legends and Symbols (Arrow)
- Item 732-04-B, Plastic Pavement Legends & Symbols (Double Arrow)
- Item 732-04-C, Plastic Pavement Legends & Symbols (Only)
- Item 732-04-D, Plastic Pavement Legends & Symbols (RR Crossing)

CONTRACT TIME (03/05): The entire contract shall be completed in all details and ready for final acceptance in accordance with Subsection 105.17(b) within **eighty-five (85) working days**.

Prior to assessment of contract time, the contractor will be allowed 30 calendar days from the date stipulated in the Notice to Proceed to commence with portions of the contract work including but not limited to assembly periods, preparatory work for materials fabrications such as test piles, or other activities which hinder progress in the beginning stages of construction. Prior to issuance of the Notice to Proceed, the Department will consider extending the assembly period upon written request from the contractor justifying the need for additional time.

The contractor shall be responsible for maintenance of traffic from the beginning of the assembly period. During the assembly period, the contractor will be allowed to do patching and other maintenance work necessary to maintain the roadway with no time charges when approved by the engineer.

If the contractor begins regular construction operations prior to expiration of the assembly period, the assessment of contract time will commence at the time construction operations are begun.

**LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SUPPLEMENTAL SPECIFICATIONS**

**STANDARD PROVISIONS
GENERAL LIABILITY POLICIES**

GENERAL INSTRUCTIONS

1. STANDARD LANGUAGE: This form is expressed in standard language which may not be amended and no part of which may be omitted except (a) as indicated by these instructions, or (b) as indicated in reference notes shown below referring to specific portions of the form, or (c) by an endorsement which states an amendment or exclusion of some provision of the form in accordance with the provisions of a manual rule, the form of which endorsement has been approved, if required, by the supervising authority of the State in which the policy is issued.

2. OPTIONAL SEQUENCE AND ARRANGEMENT: The several parts of the form, viz. "Insuring Agreements," "Exclusions," "Conditions" and "Declarations" may appear in the policy in such sequence as the company may elect and the sequence and arrangement of the several provisions of those parts are also optional with the company.

3. DESCRIPTIVE HEADINGS--IDENTIFYING OR INDEXING DESIGNATIONS: The descriptive headings of the parts of the form (as quoted above) and of the major insuring agreements ("Bodily Injury Liability," "Property Damage Liability," etc.) are standard expressions which may not be amended or omitted, but all other identifying or indexing designations (such as "Coverage A," "Defense, Settlement, Supplementary Payments," "Cancellation," etc.), including literal or numerical designations or paragraphs or phrases, may be amended or omitted at the company's option. When such identifying or indexing designations, used for the purpose of reference in the text of the form or any endorsement form applicable thereto, are amended or omitted, descriptive designations shall be substituted.

4. ADDITIONAL COVERAGES OR COMPANIES, EXPLANATORY OR CONNECTIVE LANGUAGE: When policies are issued to provide insurance in this form together with insurance covering other risks, the addition of necessary explanatory or connective language which does not amend the expression of this form is permissible and the introductory language of the "Insuring Agreements" which provides for the issuance of a policy by 2 companies may be used and, if necessary, paraphrased to permit such policies to be issued by more than 2 companies.

5. DECLARATIONS--INCLUDING OTHER RISKS: A common set of declarations may be used in those cases where policies in this form are issued with policies covering other risks.

6. INSTALLMENT PREMIUM PAYMENT: Policies written to provide for payment of premium in installments may provide for lapse or suspension of the policy upon default of payment when due.

7. ADDITION OF COVERAGE BY ENDORSEMENT: When insuring agreements and other provisions relating to any particular class of insurance are added to this policy by endorsement, such additional insurance must be expressed in approved standard language relating to the particular class and must be subject to all standard provisions applicable to that class by the expressions of the endorsement or of the policy or of both taken together.

8. DEFINITION OF "STANDARD" AND "APPROVED": "Standard language" or "approved standard language" when used in these instructions means the form and endorsements either prescribed or approved by the insurance supervising authority of the State in which policy forms and endorsements are approved or prescribed. In those States where supervising authorities do not have the authority to approve or prescribe policies, forms and endorsements, the terms mean the forms and endorsements adopted by the companies for use in such States.

9. PREMIUM STATEMENT: The statement with respect to payment of premium may be amended by an endorsement to make necessary provision with respect to payment of premium, payment of additional premium and return of premium and dividends under the policy.

10. SPECIAL CONDITIONS FOR MUTUALS, RECIPROCAL, AND PARTICIPATING STOCK COMPANIES: When the policy is issued by a mutual company, a reciprocal association or a participating stock company having special provisions applicable to its membership or policyholders, such provisions, when approved by the supervising authority of the State in which the policy is issued if such approval is required, may be inserted in the policy.

BLANK INDEMNITY COMPANY
BLANK INSURANCE COMPANY

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Railroad Protective Liability Policy No. (State or Federal Highway Projects)
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¹Matter in box may be included, omitted or amended at the option of the company.

DECLARATIONS

Item 1. Named Insured _____

Address _____
(Street No. Town or City Parish or County State)

Item 2. Policy Period: From _____ to _____
12:01 A.M. Central Standard (or Daylight) Time at the designated job site as stated herein.

Item 3. The insurance afforded is only with respect to such of the following coverages as are indicated [in Item 6] by specific premium charge or charges. The limit of the company's liability against such coverages shall be as stated herein, subject to all the terms of this policy having reference thereto. (A statement may be added that a definite notation may be made in the premium column to show that a particular coverage is not afforded.)

Coverages		Limits of Liability
Blank Indemnity Company	A-Bodily Injury Liability	\$ each person \$ each occurrence
Blank Insurance Company	B-Property Damage Liability C-Physical Damage to Property	\$ each occurrence \$ aggregate

Item 4. Name and Address of Contractor _____

Item 5. Name and Address of Governmental Authority for whom the work by the Contractor is being performed _____

Item 6. Designation of Job
Site & Description of Work

Premium Bases	Rates	Advance Premiums
	Coverage A Coverages B & C	Coverage A Coverages B & C
Contract Cost	Per \$100 of Cost	
Rental Cost	Per \$100 of Rental Cost	

By _____

- S. P. # 838-03-0023 Addendum No. 1 / Amendment No. 1 (Rev. 12/02/08) Page 7 of 89

INSURING AGREEMENTS

I. COVERAGE A - BODILY INJURY LIABILITY: To pay on behalf of the insured all sums which the insured shall become legally obligated to pay as damages because of bodily injury, sickness, or disease, including death at any time resulting therefrom, hereinafter called "bodily injury," either (1) sustained by any person arising out of acts or omissions at the designated job site which are related to or are in connection with the work described in Item 6 of the Declarations, or (2) sustained at the designated job site by the contractor or any employee of the contractor, or by any employee of the governmental authority specified in Item 5 of the declarations, or by any designated employee of the insured, whether or not arising out of such acts omissions.

COVERAGE B - PROPERTY DAMAGE LIABILITY: To pay on behalf of the insured all sums which the insured shall become legally obligated to pay as damages because of physical injury to or destruction of property, including loss of use of any property due to such injury or destruction, hereinafter called "property damage" arising out of acts or omissions at the designated job site which are related to or are in connection with the work described in Item 6 of the declarations.

COVERAGE C - PHYSICAL DAMAGE TO PROPERTY: To pay for direct and accidental loss of or damage to rolling stock and their contents, mechanical construction equipment, or motive power equipment, hereinafter called loss, arising out of acts or omissions at the designated job site which are related to or are in connection with the work described in Item 6 of the declarations; provided such property is owned by the named insured or is leased or entrusted to the named insured under a lease or trust agreement.

II. DEFINITIONS

(a) Insured - The unqualified word "insured" includes the name insured and also includes any executive officer, director or stockholder thereof while acting within the scope of his duties as such.

(b) Contractor - The word "contractor" means the contractor designated in Item 4 of the declarations and includes all subcontractors of said contractor but shall not include the name insured.

(c) Designated employee of the insured - The words "designated employee of the insured" mean:

- (1) Any supervisory employee of the insured at the job site.
- (2) Any employee of the insured while operating, attached to or engaged on work trains or other railroad equipment at the job site which are assigned exclusively to the contractor, or
- (3) Any employee of the insured not within (1) or (2) who is specifically loaned or assigned to the work of the contractor for prevention of accidents or protection of property, the cost of whose services is borne specifically by the contractor or by governmental authority.
- (d) Contract - The word "contract" means any contract or agreement to carry a person or property for a consideration or any lease, trust or interchange contract or agreement respecting motive power, rolling stock or mechanical construction equipment.

III. DEFENSE, SETTLEMENT, SUPPLEMENTARY PAYMENTS: With respect to such insurance as is afforded by this policy under coverages A and B, the company shall:

- (a) Defend any suit against the insured alleging such bodily injury or property damage and seeking damages which are payable under the terms of this policy, even if any of the allegations of the suit are groundless, false or fraudulent, but the company may make such investigation and settlement of any claim or suit as it deems expedient;
- (b) Pay, in addition to the applicable limits of liability:
 - (1) All expenses incurred by the company, all costs taxed against the insured in any such suit and all interest on the entire amount of any judgment therein which accrues after entry of the judgment and before the company has paid or tendered or deposited in court that part of the judgment which does not exceed the limit of the company's liability thereon;
 - (2) Premiums on appeal bonds required in any such suit, premiums on bonds to release attachments for an amount not in excess of the applicable limit of liability of this policy, but without obligation to apply for or furnish any such bonds;
 - (3) Expenses incurred by the insured for such immediate medical and surgical relief to others as shall be imperative at the time of the occurrence;
 - (4) All reasonable expenses other than loss of earnings, incurred by the insured at the company's request.

IV. POLICY PERIOD, TERRITORY: This policy applies only to occurrences and losses during the policy period and within the United States of America, its territories, or possessions, or Canada.

EXCLUSIONS

This policy does not apply:

- (a) to liability assumed by the insured under any contract or agreement except a contract as defined herein;
- (b) to bodily injury or property damage caused intentionally by or at the direction of the insured;
- (c) to bodily injury, property damage or loss which occurs after notification to the named insured of the acceptance of the work by the governmental authority, other than bodily injury, property damage or loss resulting from the existence or removal of tools, uninstalled equipment and abandoned or unused materials;
- (d) under Coverages A (I), B and C, to bodily injury, property damage or loss, the sole proximate cause of which is an act or omission of any insured other than acts or omissions of any designated employee of any insured;
- (e) under Coverage A, to any obligation for which the insured or any carrier as his insurer may be held liable under any workmen's compensation, unemployment compensation or disability benefits law, or under any similar law; provided that the Federal Employers' Liability Act, U. S. Code (1946) Title 45, Sections 51-60, as amended, shall for the purposes of this insurance be deemed not to be any similar law;
- (f) under Coverage B, to injury to or destruction of property (i) owned by the named insured or (ii) leased or entrusted to the named insured under a lease or trust agreement.
- (g) 1. Under any Liability Coverage, to injury, sickness, disease, death or destruction.
 - (a) with respect to which an insured under the policy is also an insured under a nuclear energy liability policy issued by Nuclear Energy Liability Insurance Association, Mutual Atomic Energy Liability Underwriters or Nuclear Insurance Association of Canada, or would be an insured under any such policy but for its termination upon exhaustion of its limit of liability; or
 - (b) resulting from the hazardous properties of nuclear material and with respect to which (1) any person or organization is required to maintain financial protection pursuant to the Atomic Energy Act of 1954, or any law amendatory thereof or (2) the

insured is, or had this policy not been issued would be, entitled to indemnity from the United States of America, or any agency thereof, under any agreement entered into by the United States of America, or any agency thereof, with any person or organization.

2. Under any Medical Payments Coverage, or under any Supplementary-Payments provision relating to immediate medical or surgical relief, to expenses incurred with respect to bodily injury, sickness, disease or death resulting from the hazardous properties of nuclear material and arising out of the operation of a nuclear facility by any person or organization.

3. Under any Liability Coverage, to injury, sickness, disease, death or destruction resulting from the hazardous properties of nuclear material, if

(a) The nuclear material (1) is at any nuclear facility owned by, or operated by or on behalf of, an insured or (2) has been discharged or dispersed therefrom;

(b) The nuclear material is contained in spent fuel or waste at any time possessed, handled, used, processed, stored, transported or disposed of by or on behalf of an insured; or

(c) The injury, sickness, disease, death or destruction arises out of the furnishing by an insured of services, materials, parts of equipment in connection with the planning, construction, maintenance, operation or use of any nuclear facility, but if such facility is located within the United States of America, its territories or possessions or Canada, this exclusion (c) applies only to injury to or destruction of property at such nuclear facility.

4. As used in this exclusion:

"hazardous properties" include radioactive, toxic or explosive properties;

"nuclear material" means source material, special nuclear material or byproduct material;

"source material," "special nuclear material," and "byproduct material" have the meanings given them in the Atomic Energy Act of 1954 or in any law amendatory thereof;

"spent fuel" means any fuel element or fuel component, solid or liquid, which has been used or exposed to radiation in a nuclear reactor;

"waste" means any waste material (1) containing byproduct material and (2) resulting from the operation by any person or organization of any nuclear facility included within the definition of nuclear facility under paragraph (a) or (b) below;

"nuclear facility" means

- (a) any nuclear reactor,
- (b) any equipment or device designed or used for (1) separating the isotopes of uranium or plutonium, (2) processing or utilizing spent fuel, or (3) handling, processing or packaging waste,
- (c) any equipment or device used for the processing, fabricating or alloying of special nuclear material if at any time the total amount of such material in the custody of the insured at the premises where such equipment or device is located consists of or contains more than 25 grams of plutonium or uranium 233 or any combination thereof, or more than 250 grams of uranium 235,
- (d) any structure, basin, excavation, premises or place prepared or used for the storage or disposal of waste,

and includes the site on which any of the foregoing is located, all operations conducted on such site and all premises used for such operations;

"nuclear reactor" means any apparatus designed or used to sustain nuclear fission in a self-supporting chain reaction or to contain a critical mass of fissionable material;

with respect to injury to or destruction of property, the word "injury" or "destruction" includes all forms of radioactive contamination of property.

- (h) Under Coverage C, to loss due to nuclear reaction, nuclear radiation or radioactive contamination, or to any act or condition incident to any of the foregoing.

CONDITIONS

[The conditions, except conditions 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 apply to all coverages. Conditions 3, 4, 5, 6, 7, 8, 9, 10, 11 and 12 apply only to the coverage noted thereunder.]

1. Premium: The premium bases and rates for the hazards described in the declarations are stated therein. Premium bases and rates for hazards not so described are those applicable in accordance with the manuals in use by the company.

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General Liability Policies

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The term "contract cost" means the total cost of all work described in Item 6 of the declarations.

The term "rental cost" means the total cost to the contractor for rental of work trains or other railroad equipment, including the remuneration of all employees of the insured while operating, attached to or engaged thereon.

The advance premium stated in the declarations is an estimated premium only. Upon termination of this policy the earned premium shall be computed in accordance with the company's rules, rates, rating plans, premiums and minimum premiums applicable to this insurance. If the earned premium thus computed exceeds the estimated advance premium paid, the company shall look to the contractor specified in the declarations for any such excess; if less, the company shall return to the said contractor the unearned portion paid.

In no event shall payment of premium be an obligation of the named insured.

2. Inspection: The named insured shall make available to the company records of information relating to the subject matter of this insurance.

The company shall be permitted to inspect all operations in connection with the work described in Item 6 of the declarations.

3. Limits of Liability - Coverage A: The limit of bodily injury liability stated in the declarations as applicable to "each person" is the limit of the company's liability for all damages, including damages for care and loss of services, arising out of bodily injury sustained by 1 person as the result of any 1 occurrence; the limit of such liability stated in the declarations as applicable to "each occurrence" is, subject to the above provision respecting each person, the total limit of the company's liability for all such damage arising out of bodily injury sustained by 2 or more persons as the result of any 1 occurrence..

4. Limits of Liability - Coverages B and C: The limit of liability under coverages B and C stated in the declarations as applicable to "each occurrence" is the total limit of the company's liability for all damages and all loss under coverages B and C combined arising out of physical injury to, destruction or loss of all property of one or more persons or organizations, including the loss of use of any property due to such injury or destruction under coverage B, as the result of any 1 occurrence.

Subject to the above provisions respecting "each occurrence," the limit of liability under coverages B and C stated in the declaration as "aggregate" is the total limit of the company's liability for all damages and all loss under coverages B and C combined arising out of physical injury to, destruction or loss of property, including the loss of use of any property due to such injury or destruction under coverage B.

Under coverage C, the limit of the company's liability for loss shall not exceed the actual cash value of the property, or if the loss is of a part thereof the actual cash value of such part, at time of loss, not what it would then cost to repair or replace the property or such part thereof with other of like kind and quality.

5. Severability of Interests - Coverages A and B: The term "the insured" is used severally and not collectively, but the inclusion herein of more than one insured shall not operate to increase the limits of the company's liability.

6. Notice: In the event of an occurrence or loss, written notice containing particulars sufficient to identify the insured and also reasonably obtainable information with respect to the time, place and circumstances thereof, and the names and addresses of the injured and of available witnesses, shall be given by or for the insured to the company or any of its authorized agents as soon as practical. If claim is made or suit is brought against the insured, he shall immediately forward to the company every demand, notice, summons or other process received by him or his representative.

7. Assistance and Cooperation of the Insured - Coverages A and B: The insured shall cooperate with the company and, upon the company's request, attend hearings and trials and assist in making settlements, securing and giving evidence, obtaining the attendance of witnesses and in the conduct of suits. The insured shall not, except at his own cost, voluntarily make any payment, assume any obligation or incur any expense other than for such immediate medical and surgical relief to others as shall be imperative at the time of accident.

8. Action Against Company - Coverages A and B: No action shall lie against the company unless, as a condition precedent thereto, the insured shall have fully complied with all the terms of this policy, nor until the amount of the insured's obligation to pay shall have been finally determined either by judgment against the insured after actual trial or by written agreement of the insured, the claimant and the company.

Any person or organization or the legal representative thereof who has secured such judgment or written agreement shall thereafter be entitled to recover under this policy to the extent of the insurance afforded by this policy. No person or organization shall have any right under this policy to join the company as a party to any action against the insured to determine the insured's liability. Bankruptcy or insolvency of the insured or of the insured's estate shall not relieve the company of any of its obligations hereunder.

9. Action Against Company - Coverage C: No action shall lie against the company unless, as a condition precedent thereto, there shall have been full compliance with all the terms on this policy nor until 30 days after proof of loss is filed and the amount of loss is determined as provided in this policy.

10. Insured's Duties in Event of Loss - Coverage C: In the event of loss the insured shall:

(a) protect the property, whether or not the loss is covered by this policy, and any further loss due to the insured's failure to protect shall not be recoverable under this policy; reasonable expenses incurred in affording such protection shall be deemed incurred at the company's request.

(b) file with the company, as soon as practicable after loss, his sworn proof of loss in such form and including such information as the company may reasonably require and shall upon the company's request, exhibit the damaged property.

11. Appraisal - Coverage C: If the insured and the company fail to agree as to the amount of loss, either may, within 60 days after the proof of loss is filed, demand an appraisal of the loss. In such event the insured and the company shall each select a competent appraiser, and the appraisers shall select a competent and disinterested umpire. The appraisers shall state separately the actual cash value and the amount of loss and failing to agree shall submit their differences to the umpire. An award in writing of any two shall determine the amount of loss. The insured and the company shall each pay his chosen appraiser and shall bear equally the other expenses of the appraisal and umpire.

The company shall not be held to have waived any of its rights by any act relating to appraisal.

12. Payment of Loss - Coverage C: The company may pay for the loss in money but there shall be no abandonment of the damaged property to the company.

13. No Benefit to Bailee - Coverage C: The insurance afforded by this policy shall not enure directly or indirectly to the benefit of any carrier or bailee, other than the named insured, liable for loss to the property.

14. Subrogation: In the event of any payment under this policy, the company shall be subrogated to all the insured's rights of recovery therefor against any person or organization and the insured shall execute and deliver instruments and papers and do whatever else is necessary to secure such rights. The insured shall do nothing after loss to prejudice such rights.

15. Application of Insurance: The insurance afforded by this policy is primary insurance.

16. Three Year Policy: A policy period of 3 years is comprised of 3 consecutive annual periods. Computation and adjustment of earned premium shall be made at the end of each annual period. Aggregate limits of liability as stated in this policy shall apply separately to each annual period.

17. Changes: Notice to any agent or knowledge possessed by any agent or by any other person shall not effect a waiver or a change in any part of this policy or stop the company from asserting any right under the terms of this policy; nor shall the terms of this policy be waived or changed, except by endorsement issued to form a part of this policy [signed by _____

_____ (here insert titles of authorized company officials or representatives); provided, however, changes may be made in the written portion of the declaration by _____ (here insert titles of authorized company representatives) when initialed by such _____ (here insert titles of authorized company representatives) or by endorsement issued to form a part of this policy signed by such _____

(here insert titles of authorized company representatives).

18. Assignment: Assignment of interest under this policy shall not bind the company until its consent is endorsed hereon.

19. Cancellation: This policy may be cancelled by the named insured by mailing to the company written notice stating when thereafter the cancellation shall be effective. This policy may be cancelled by the company by mailing to the named insured, contractor and governmental authority at the respective addresses shown in this policy written notice stating when not less than 30 days thereafter such cancellation shall be effective. The mailing of notice as aforesaid shall be sufficient proof of notice. The effective date and hour of cancellation stated in the notice shall become the end of the policy period. Delivery of such written notice either by the named insured or by the company shall be equivalent to mailing.

If the named insured cancels, earned premium shall be computed in accordance with the customary short rate table and procedure. If the company cancels, earned premium shall be computed pro rata. Premium adjustment may be made either at the time cancellation is effected or as soon as practical after cancellation becomes effective, but payment or tender of unearned premium is not a condition of cancellation.

20. Declarations: By acceptance of this policy the named insured agrees that such statement in the declarations as are made by him are his agreements and representations, that this policy is issued in reliance upon the truth of such representations and that this policy embodies all agreements existing between himself and the company or any of its agents relating to this insurance.

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General Liability Policies

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(For policy issued by one company)

In witness whereof, the Blank Indemnity Company has caused this policy to be signed by this president and a secretary at _____ and countersigned on the declarations page by a duly authorized agent of the company.

(FACSIMILE OF SIGNATURE) (FACSIMILE OF SIGNATURE)

Secretary

President

(For policy issued by two companies)

In witness whereof, the Blank Indemnity Company has caused this policy with respect to coverages _____ and such other parts of the policy as are applicable thereto, to be signed by its president and a secretary at _____, and countersigned on the declarations page by a duly authorized agent of the company.

(FACSIMILE OF SIGNATURE) (FACSIMILE OF SIGNATURE)

Secretary

President

In witness whereof, the Blank Insurance Company has caused this policy, with respect to coverages _____ and such other parts of the policy as are applicable thereto, to be signed by its president and a secretary at _____, and countersigned on the declarations page by a duly authorized agent of the company.

(FACSIMILE OF SIGNATURE) (FACSIMILE OF SIGNATURE)

Secretary

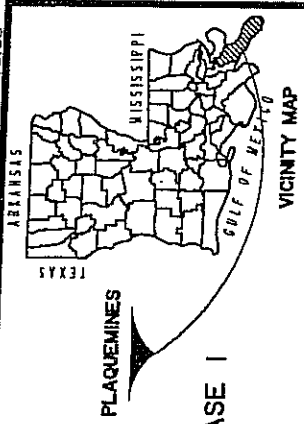
President

STANDARD PLANS

REVISION	DATE
BM-01	8-22-07
MB-01	1-14-92
PM-01	1-21-98
DW-05	3-25-82
GR-200	11-8-04
GR-201	11-8-04
CB-02	11-2-00
MC-01	8-11-06

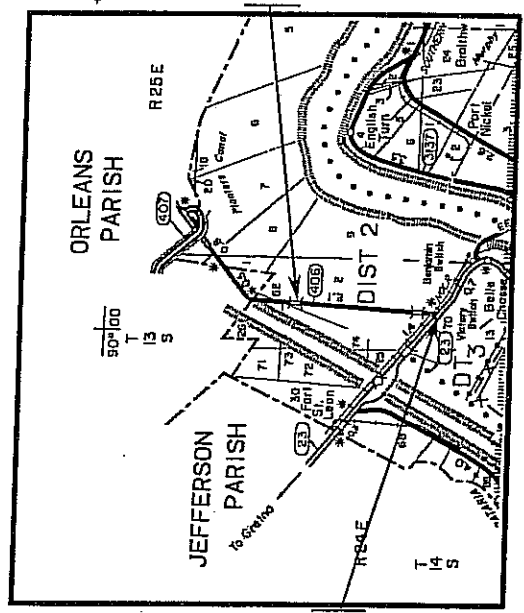
STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION
PLANS OF PROPOSED
STATE HIGHWAY

STATE PROJECT NO. 838-03-0023
 WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I
 PLAQUEMINES PARISH
 LA 406



BRIDGE LOCATIONS

STRUCTURE NUMBER	C.S.L.M.	LENGTH (FEET)	WIDTH (FEET)
8380301711	1.59	80	40
8380303111	0.20	60	40

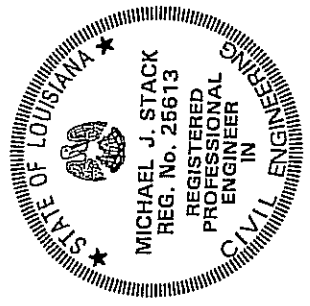


C.S. LOG MILE 0.000
 STA. 98+63
 BEG. S.P. 838-03-0023

TRAFFIC DATA
 2008 A.D.T. = 9,300
 2018 A.D.T. = 10,300
 D = 55 %
 K = 10 %
 T = 11 %

POSTED SPEED = 45 M.P.H.

TYPE OF CONSTRUCTION:
 WIDENING ASPHALTIC ROADWAY
 AND ADD DRAINAGE STRUCTURES.



RECOMMENDED FOR APPROVAL

W. B. ...
 ASSISTANT DISTRICT 02 ADMINISTRATOR-ENGINEERING
 10/13/08

Michael J. Stack
 DISTRICT 02 ADMINISTRATOR
 10/13/08

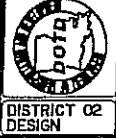
For
 CHIEF ENGINEER
 10/20/08

NOTE:
 THE 2006 LOUISIANA DOTD STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES, AS AMENDED BY THE PROJECT SPECIFICATIONS, SHALL GOVERN ON THIS PROJECT.

NO.	DATE	REVISION	DATE	APPROVED
2	11/18/08	Shts. 1-6 & 7 & 8	11-26-08	<i>W. B. ...</i>
1	10/22/08	Shts. 1 & 2 & 3	10-22-08	<i>W. B. ...</i>

SCHEDULE OF REVISIONS

WOODLAND HWY. IMPROVEMENTS
 (LA 23 TO PLANTERS CANAL) - PHASE I



TITLE SHEET

DESIGNED	CHECKED	DATE	BY	REVISION DESCRIPTION	NO.	DATE

DESIGNED	CHECKED	DATE	BY	REVISION DESCRIPTION	NO.	DATE

PARISH	PLAQUEMINES

STATE PROJECT	838-03-0023

INDEX TO SHEETS

SHEET NO.	DESCRIPTION
1 - 1a	TITLE SHEET & INDEX SHEET
2 - 2a	TYPICAL SECTIONS AND DETAILS
3 - 3a	SUMMARY SHEETS
4 - 4a	PLAN SHEETS
5	REMOVAL OF CONCRETE CURBS
6 - 6a	CROSS SECTION SHEETS
7 - 7a	SPECIAL DETAILS
8 - 8a	TRAFFIC CONTROL SHEETS

TOTAL SHEETS 62

LOCATION DESCRIPTION

WORK ON THIS PHASE OF THE PROJECT BEGINS ON LA 406 AT LOG MILE 0.00 (STA. 90+63) AT ITS JUNCTION WITH LA 23 AND PROCEEDS NORTH ALONG LA 406 TO ITS JUNCTION WITH PLANTERS CANAL AT LOG MILE 1.59 (STA. 181+90).

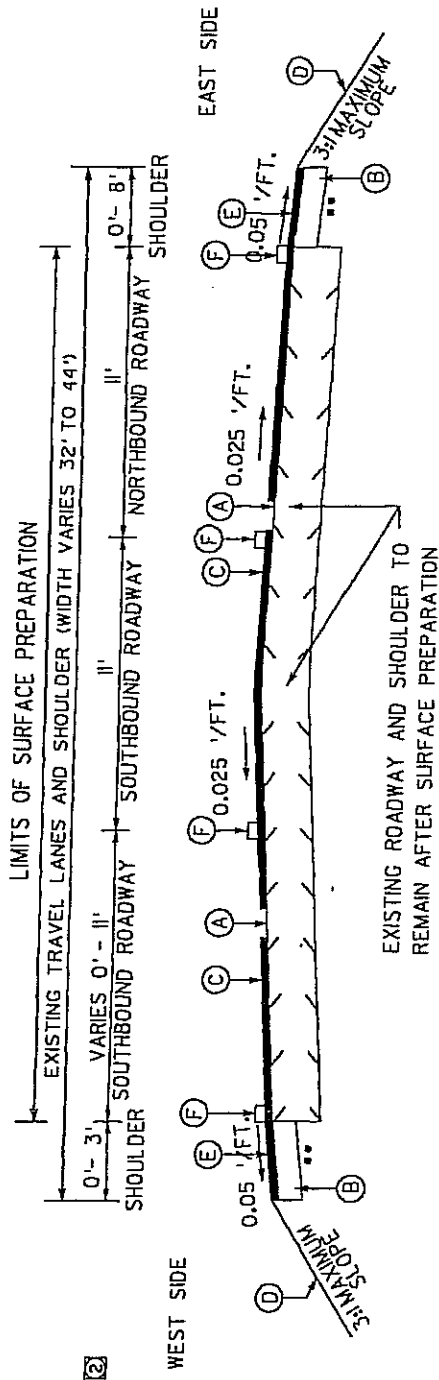
SCOPE OF PROJECT

THE SCOPE OF THE PROJECT WILL BE TO INSTALL A CENTER TURN LANE BY WIDENING EXISTING ROADWAY AND TO MAKE ADDITIONAL TURN LANES AT LA 23 INTERSECTION, INSTALLING DRAINAGE, AND OVERLAYING EXISTING ROADWAY WITH 2" OF SUPERPAVE ASPHALTIC CONCRETE.

LENGTH OF PROJECT

DESCRIPTION	GROSS LENGTH		EXCEPTION		BRIDGE LENGTH		ROADWAY LENGTH	
	FEET	MILES	FEET	MILES	FEET	MILES	FEET	MILES
STA. TO STA.	1182	0.0218						
BR-453 TO 110+15	7485	0.1375						
110+15 TO 185+00								
TOTAL LENGTH OF BRIDGES					140	0.0026		
TOTAL LENGTH OF ROADWAY							8637	1.536
TOTAL MILES							1.536	

				SHEET NO. 1a	
DISTRICT OR DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		PARISH	
INDEX SHEET		REVISION DESCRIPTION NO. DATE		PLACEMENTS	
NO. DATE		DESIGNED CHECKED		FEDERAL PROJECT	
BY		DETAILED CHECKED		STATE PROJECT	
REVISION DESCRIPTION		DATE		830-03-0023	



TYPICAL FINISHED SECTION

TO APPLY: STA. 99+15 TO STA. 104+63

- (A) REQ'D SURFACE PREPARATION TO BE COMPLETED PRIOR TO PLACEMENT OF WEARING COURSE INSTALLATION (ITEM S-004).
- (B) REQ'D. 4.0" AVG. ASPHALTIC CONCRETE (LEVEL 1) (BINDER COURSE) (ITEM 502-01).
- (C) REQ'D. 2" AVG. ASPHALTIC CONCRETE (LEVEL 1F) (WEARING COURSE) (ITEM 502-01).
- (D) BORROW TO BE PLACED AS DIRECTED BY THE PROJECT ENGINEER (ITEM 203-07). SEEDING, WATER & FERTILIZER TO BE PLACED AS DIRECTED BY THE PROJECT ENGINEER (ITEMS 717-01 AND 718-01). SWALE DITCH TO BE PLACED AS SHOWN AND AS DIRECTED BY PROJECT ENGINEER.
- (E) REQ'D RUMBLE STRIPS (GROUND-IN) TO BE PLACED ALONG PAVED SHOULDERS. SEE SPECIAL DETAIL (ITEM S-006).
- (F) REQ'D STRIPING SHALL CONFORM TO STANDARD PLAN PM-01.

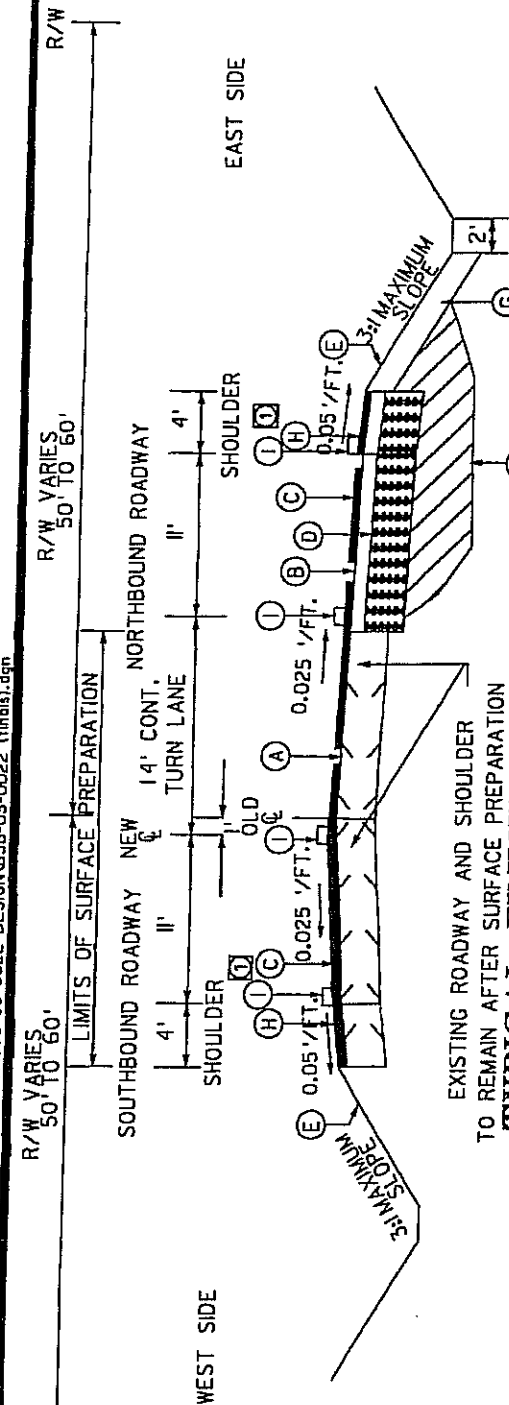
** REQ'D. 12" CLASS II BASE COURSE (ITEM 302-02-F) TO BE USED AS DIRECTED BY PROJECT ENGINEER.
REQ'D. GEOTEXTILE FABRIC TO BE PLACED BETWEEN BASE COURSE AND EMBANKMENT AND PAID FOR UNDER ITEM 302-02-F.

NOTE: REQ'D SURFACE PREPARATION ON EXISTING ROADWAY AND SHOULDERS TO BE COMPLETED PRIOR TO PLACEMENT OF WEARING COURSE.
NOTE: TRANSITION BETWEEN TYPICAL SECTIONS AS DIRECTED BY PROJECT ENGINEER.

20 YEAR ESAL'S = 2,793,014

NTS

DISTRICT OR DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		SHEET NO. 2	
TYPICAL SECTION		REVISION DESCRIPTION		PLAQUE/NEES	
NO. DATE		DESIGNED CHECKED		PARISH	
2 11/18/2008		DETAILED CHECKED		FEDERAL PROJECT	
ADDED SHEET		DATE		STATE PROJECT	
BY SHEET		BY SHEET		538-03-0023	



TYPICAL FINISHED SECTION

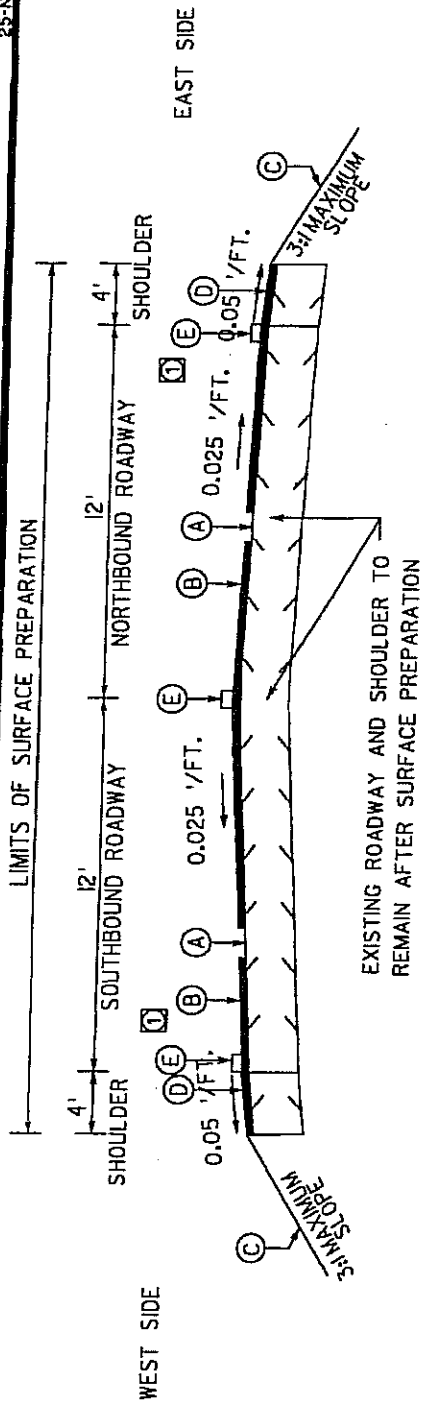
TO APPLY: STA. 110+15 (INDUSTRY CANAL) TO STA. 163+00 (LOG MILE 0.23 TO LOG MILE 1.23)

- (A) REQ'D SURFACE PREPARATION TO BE COMPLETED PRIOR TO PLACEMENT OF WEARING COURSE INSTALLATION (ITEM S-004).
- (B) REQ'D. 4.0" AVG. ASPHALTIC CONCRETE (LEVEL 1) (BINDER COURSE) (ITEM 502-01).
- (C) REQ'D. 2" AVG. ASPHALTIC CONCRETE (LEVEL 1) (WEARING COURSE) (ITEM 502-01). SLOPE TO BE CORRECTED DURING INSTALLATION OF WEARING COURSE.
- (D) REQ'D. 12" CLASS II BASE COURSE (ITEM 302-02-F). EXISTING NORTHBOUND SHOULDER TO BE REMOVED (ITEM 202-02-G).
- (E) REQ'D. GEOTEXTILE FABRIC TO BE PLACED BETWEEN BASE COURSE AND EMBANKMENT AND PAID FOR UNDER ITEM 302-02-F. AS DIRECTED BY THE PROJECT ENGINEER (ITEM 203-07). SEEDING, WATER & FERTILIZER TO BE PLACED BY PROJECT ENGINEER (ITEMS 717-01 AND 718-01). SWALE DITCH TO BE PLACED AS SHOWN AND AS DIRECTED BY PROJECT ENGINEER.
- (F) REQ'D NONPLASTIC EMBANKMENT TO BE PLACED UNDER BASE COURSE AS NEEDED AND AS DIRECTED BY PROJECT ENGINEER (ITEM 203-04). REQ'D GEOTEXTILE FABRIC TO BE PLACED BETWEEN EMBANKMENT AND EXISTING GROUND (ITEM S-005). EXISTING EMBANKMENT TO BE REMOVED TO CREATE A HORIZONTAL PLANE, SCARIFIED, AND COMPACTED PRIOR TO PLACING GEOTEXTILE FABRIC.
- (G) REQ'D 12" BORROW (VEHICULAR MEASUREMENT) (PLASTIC SOILS) (ITEM 203-07-B) TO BE PLACED IN ACCORDANCE WITH SECTION 203 AND 203.10 OF THE STANDARD SPECIFICATIONS.
- (H) REQ'D RUMBLE STRIPS (GROUND-IN) TO BE PLACED ALONG PAVED SHOULDERS. SEE SPECIAL DETAIL (ITEM S-006).
- (I) REQ'D STRIPING SHALL CONFORM TO STANDARD PLAN PM-01.

NOTE: 1. SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION.
2. CENTER TURN LANE VARIES FROM 0' TO 14' FROM STATIONS 110+15 TO 112+50.
3. CENTER TURN LANE VARIES FROM 14' TO 0' FROM STATIONS 159+00 TO 163+00.
20. YEAR ESAL'S = 2,793,014

NTS

		WOOLAND HWY. IMPROVEMENTS (LA 25 TO PLANTERS CANAL) - PHASE I		TYPICAL SECTION	
REVISIONS		REVISED LIMITS AND PAGE NUMBER		REVISION DESCRIPTION	
NO.	DATE	NO.	DATE	NO.	DATE
1	11/18/2008	1	10/28/2008	1	10/28/2008
DESIGNED CHECKED		DESIGNED CHECKED		DESIGNED CHECKED	
DISTRICT 12 DESIGN		PARISH		FLAQUEMINES	
SHEET NO. 28		FEDERAL PROJECT		STATE PROJECT 838-03-0023	



TYPICAL FINISHED SECTION

TO APPLY: STA. 163+00 TO STA. 181+90 (PLANTERS CANAL)

TO APPLY: STA. 104+63 TO STA. 110+27 (INDUSTRY CANAL)

- (A) REQ'D SURFACE PREPARATION TO BE COMPLETED PRIOR TO PLACEMENT OF WEARING COURSE INSTALLATION (ITEM S-004).
- (B) REQ'D 2" AVG. ASPHALTIC CONCRETE (LEVEL IF) (WEARING COURSE) (ITEM 502-01).
- (C) BORROW TO BE PLACED AS DIRECTED BY THE PROJECT ENGINEER (ITEM 203-07). SEEDING, WATER & FERTILIZER TO BE PLACED AS DIRECTED BY THE PROJECT ENGINEER (ITEM 717-01 AND ITEM 718-01).
- (D) REQ'D RUMBLE STRIPS (GROUND-IN) TO BE PLACED ALONG PAVED SHOULDERS. SEE SPECIAL DETAIL (ITEM S-006).
- (E) REQ'D STRIPING SHALL CONFORM TO STANDARD PLAN PM-01.

NOTE: STA. 106+00 TO STA. 109+35 AND STA. 163+00 TO STA. 181+90 NOT SHOWN ON PLAN VIEW SHEETS.
NOTE: TRANSITION BETWEEN TYPICAL SECTIONS AS DIRECTED BY PROJECT ENGINEER.

20 YEAR ESAL'S = 2,793,014

NTS



WOODLAND HWY. IMPROVEMENTS
(LA 23 TO PLANTERS CANAL) - PHASE I



NO.	DATE	REVISIONS	LIMITS, NOTES, AND PAGE NUMBER
2	1/18/2008	REVISED	LA 23 TO PLANTERS CANAL
1	10/22/2008	REVISED	TYPICAL SECTION

DESIGNED	CHECKED	PARISH	PLAQUE NUMBER
DATE	DATE	FEDERAL PROJECT	STATE PROJECT
BY	BY	PROJECT	PROJECT

SHEET NO. 2

GENERAL CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL PROVIDE FOR AND MAINTAIN THROUGH AND LOCAL TRAFFIC AT ALL TIMES AND SHALL CONDUCT HIS OPERATIONS IN SUCH MANNER AS TO CAUSE THE LEAST POSSIBLE INTERFERENCE WITH TRAFFIC.
2. THE CONTRACTOR SHALL MAINTAIN DRAINAGE. ALL MATERIAL DEPOSITED IN ANY DRAINAGE FEATURE (DITCHES, CROSSLAINS, ETC.) DURING CONSTRUCTION SHALL BE CLEANED OUT BEFORE FINAL ACCEPTANCE.
3. THE CONTRACTOR SHALL CONTACT AND COORDINATE WORK WITH ALL UTILITIES LOCATED IN PROJECT AREA. CONTRACTOR SHALL PROVIDE 14 DAYS NOTICE TO UTILITY COMPANIES PRIOR TO BEGINNING WORK. ANY DAMAGE DONE TO UTILITIES SHALL BE REPAIRED AT NO COST TO THE DEPARTMENT. LOCATIONS OF UTILITIES SHOWN ON PLANS ARE APPROXIMATE; CONTRACTOR SHALL CONTACT UTILITY COMPANIES FOR EXACT LOCATIONS PRIOR TO BEGINNING WORK.
4. THE CONTRACTOR SHALL CONDUCT OPERATIONS TO AVOID DAMAGE TO EXISTING FACILITIES (POWER POLES, FENCE, ETC.). ANY DAMAGE DONE SHALL BE REPAIRED AT NO COST TO THE DEPARTMENT.
5. THE CONTRACTOR SHALL PROVIDE A SMOOTH TIE IN WITH THE BRIDGES AT PLANTERS CANAL AND INDUSTRY CANAL.
6. THE CONTRACTOR SHALL COORDINATE WITH DOTD FOR ALL REQ'D PERMITS.
7. THE CONTRACTOR SHALL NOT LEAVE ANY HOLES OPEN OVERNIGHT. ANY DROP OFF AT THE EDGE OF THE ROAD GREATER THAN 2" SHALL BE DELINEATED BY PLACING LIGHTED CONES/BARRELS ALONG THE EDGE OF THE SHOULDER AT ALL TIMES.
8. CROSS DRAINS TO BE EXTENDED AS DIRECTED BY PROJECT ENGINEER AT STATIONS 120+00, 128+75, 142+15, AND 151+05. CROSS DRAIN PIPES ARE 24" CMP (ITEM 701-01-I) AND BEDDING (ITEM 726-01).
9. EXISTING LANDSCAPE LIGHTING TO BE RELOCATED AT STA. 122+67. EXACT LOCATION TO BE DETERMINED BY PROJECT ENGINEER (ITEM S-002).
10. ALL RIGHT OF WAYS ON PLAN VIEW SHEETS ARE FROM THE CENTER LINE OF THE EXISTING ROADWAY.
11. EXISTING VEGETATION SHOULD TO BE SCARIFIED PRIOR TO PLACING NON-PLASTIC EMBANKMENT AND SHOULD BE PAID FOR UNDER (ITEM 203-04).
12. EXISTING PLANTS TO BE REMOVED AT STA. 122+67 AT SPRINGWOOD ESTATES (ITEM 202-02-I). ALL PLANTS REMOVED ARE TO BE GIVEN TO SPRINGWOOD ESTATES.
13. THE SUBMITTAL OF A BID WILL BE UNDERSTOOD TO INDICATE THAT THE BIDDER HAS INSPECTED THE WORK SITE AND HAS BECOME THOROUGHLY FAMILIAR WITH THE PLANS, GENERAL PROVISIONS, SPECIAL PROVISIONS, SUPPLEMENTAL SPECIFICATIONS AND TECHNICAL SPECIFICATIONS, THE FAILURE OR OMISSION OF ANY BIDDER TO EXAMINE ANY OF THE ABOVE SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION IN RESPECT TO THE BID.
14. ITEMS 202-02-G, 202-02-E, 203-01, 203-02, 203-07, 203-07-B, 701-01-I, 707-01, AND 726-01 TO BE USED AT LOCATIONS AND AS DIRECTED BY PROJECT ENGINEER.
15. ITEM 731-02 INCLUDES 10 BLUE MARKERS FOR FIRE HYDRANTS.
16. ITEM 203-04 INCLUDES ADDITIONAL QUANTITY TO BE USED AS DIRECTED BY PROJECT ENGINEER.
17. ALL CATCH BASIN GRATES ARE TO BE TYPE C GRATES. SEE MC-01 FOR DETAILS.
18. CONTRACTOR SHALL SUBMIT THE ELEVATIONS OF THE TOPS OF CATCH BASINS TO THE PROJECT ENGINEER FOR APPROVAL. COST TO BE INCLUDED IN (ITEM 702-03-B). ALL INVERT ELEVATIONS OF THE CATCH BASINS ARE TO BE SET AT THE INVERT OF THE EXISTING CULVERTS OR AS DIRECTED BY PROJECT ENGINEER. SIDE DRAIN PIPES SLOPES ARE TO MATCH EXISTING PIPE SLOPES OR AS DIRECTED BY PROJECT ENGINEER (ITEM 701-05-M).
19. REQ'D EMBANKMENT WIDENING FOR GUARD RAIL ENDS NEAR STA. 185+00.

	DISTRICT OF DESIGN		WOODLAND HWT. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I			NO. 2	DATE 11/19/2006	REVISION DESCRIPTION		MAP BY	DATE SHEET	CADD JMM	DESIGNED CHECKED	PARISH	FLAQUEMINES	SHEET NO. 2c
	GENERAL NOTES		REVISION PAGE NUMBER					FEDERAL PROJECT	STATE PROJECT							

2

DISTRICT 02
DESIGN

G-7

DATED 11/26/08 08:02:49

STATE PROJECT
838-03-0023

PARISH
PLAQUEMINES

SHEET NO.
38

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY S.P. NO. 838-03-0023	TOTAL QUANTITY
202-02-C	REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT	SOYD		
202-02-E	REMOVAL OF CONCRETE CURBS	LNFT	500	
202-02-G	REMOVAL OF SURFACING & STABILIZED BASE	SOYD	180.0	
202-02-H	REMOVAL OF GUARD RAIL	SOYD	2,350.0	
202-02-I	REMOVAL OF SMALL PLANTS (LESS THAN 3 FT. TALL)	LNFT	712	
203-01	GENERAL EXCAVATION	EACH	50	
203-02	DRAINAGE EXCAVATION	CUYD	5,317	
203-04	NONPLASTIC EMBANKMENT	CUYD	4,525	
203-07	BORROW (VEHICULAR MEASUREMENT)	CUYD	21,000	
203-07-B	BORROW (VEHICULAR MEAS.) (PLASTIC SOILS)	CUYD	2,350	
302-02-F	CLASS II BASE COURSE (12" THICK)	CUYD	2,950	
401-02	AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT)	SOYD	9,500.0	
502-01	SUPERPAVE ASPHALTIC CONCRETE	CUYD	100	
502-01-A	SUPERPAVE ASPHALTIC CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS	TON	6,922.0	
701-01-I	CROSS DRAIN PIPE (24" CMP)	TON	393.3	
701-05-M	SIDE DRAIN PIPE (36")	LNFT	80	
702-03-B	CATCH BASINS (CB-02)	LNFT	180	
704-03	BLOCKED OUT GUARD RAIL	EACH	7	
704-07-A	GUARD RAIL BRIDGE ATTACHMENTS (SINGLE THRIE BEAM)	LNFT	93.8	
704-08-B	GUARD RAIL TRANSITIONS (DOUBLE THRIE BEAM)	LNFT	100.0	
704-11-A	GUARD RAIL END TREATMENT (FLARED)	LNFT	193.8	
707-01	CONCRETE CURB	EACH	8	
711-04	GEOTEXTILE FABRIC	LNFT	180.0	
713-01	TEMPORARY SIGNS & BARRICADES	SOYD	300	
713-02-E	TEMPORARY PAVEMENT MARKINGS (24" WIDTH)	LUMP		
713-03-A	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE) (4" WIDTH) (4' LENGTH)	LNFT	1,195	
713-03-B	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE) (4" WIDTH) (10' LENGTH)	MILE	7.876	
713-04-A	TEMPORARY PAVEMENT MARKINGS (SOLID LINE) (4" WIDTH)	MILE	5.020	
717-01	SEEDING	MILE	11.976	
718-01	FERTILIZER	LB	141	
726-01	BEDDING MATERIAL	LB	4,700	
		CUYD	80.0	

2 11/18/08 REVISED SUMMARY

DATED 11/26/08 08:02:49

STATE PROJECT
838-03-0023

PARISH
PLAQUEMINES

SHEET NO.
35

SUMMARY OF ESTIMATED QUANTITIES

ITEM NO.	ITEM	UNIT	QUANTITY S.P. NO. 838-03-0023	TOTAL QUANTITY
727-01	MOBILIZATION	LUMP	LUMP	
729-16-C	OBJECT MARKER ASSEMBLY (Type 3)	EACH	8	
731-02	REFLECTORIZED RAISED PAVEMENT MARKERS	EACH	1,018	
732-01-E	PLASTIC PAVEMENT STRIPING (24" WIDTH)	LNFT	654	
732-02-A	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH)	MILE	5.988	
732-03-A	PLASTIC PAVEMENT STRIPING (BROKEN LINE) (4" WIDTH)	EACH	2,560	
732-04-A	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ARROW)	EACH	34	
732-04-B	PLASTIC PAVEMENT LEGENDS & SYMBOLS (DOUBLE ARROW)	EACH	2	
732-04-C	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ONLY)	EACH	3	
732-04-D	PLASTIC PAVEMENT LEGENDS & SYMBOLS (RR CROSSING)	EACH	1	
735-01	MAILBOXES	EACH	6	
735-02	MAILBOX SUPPORTS (SINGLE)	EACH	6	
740-01	CONSTRUCTION LAYOUT	LUMP	LUMP	
S-001	CLEANING EXISTING CULVERTS (16 TO 48 INCHES)	LNFT	200	
S-002	RELOCATION OF EXISTING LANDSCAPE LIGHTING	EACH	1	
S-003	FULL DEPTH SAW CUT OF EXISTING PAVEMENT	LNFT	700	
S-004	SURFACE PREPARATION	LUMP	LUMP	
S-005	GEOTEXTILE FABRIC	SQYD	26,200	
S-006	RUMBLE STRIPS (GROUND-IN)	MILE	3.15	

2 11/18/08 REVISED SUMMARY

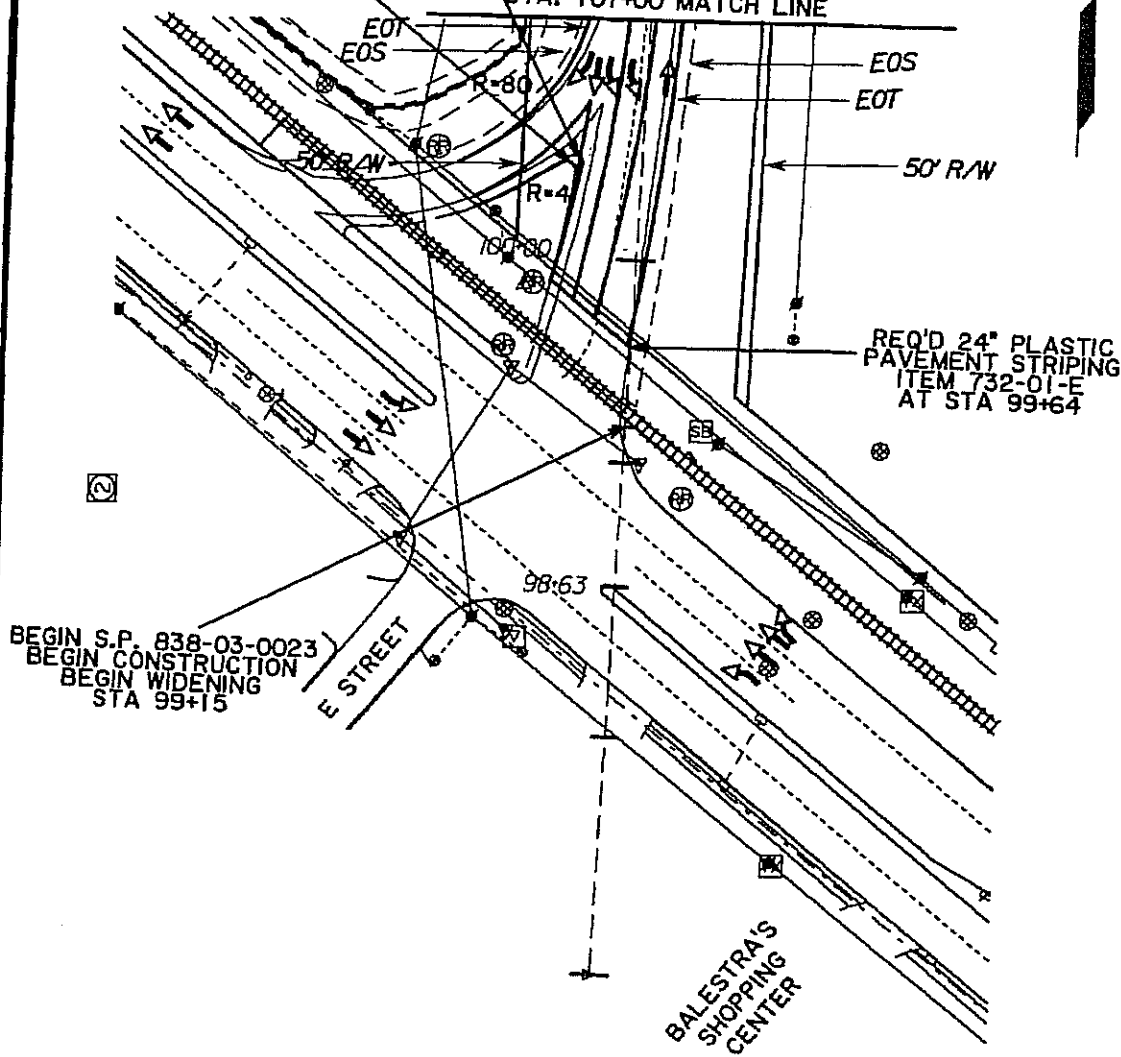
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NTS

REMOVE 80' OF CONCRETE CURB
(ITEM 202-02-E)

80' OF NEW CONCRETE CURB
(ITEM 707-01)

STA. 101+00 MATCH LINE



BEGIN S.P. 838-03-0023
BEGIN CONSTRUCTION
BEGIN WIDENING
STA 99+15

SHEET NO.	4
PLANNING	
DESIGNED	11/19/08
CHECKED	11/19/08
DATE	11/19/08
BY	11/19/08
PROJECT	838-03-0023

DESIGNED	11/19/08
CHECKED	11/19/08
DATE	11/19/08
BY	11/19/08
PROJECT	838-03-0023

NO.	2
DATE	11/19/08
ADDED	11/19/08
REVISION DESCRIPTION	



WOODLAND HWY. IMPROVEMENTS
(LA 23 TO PLANTERS CANAL) - PHASE I

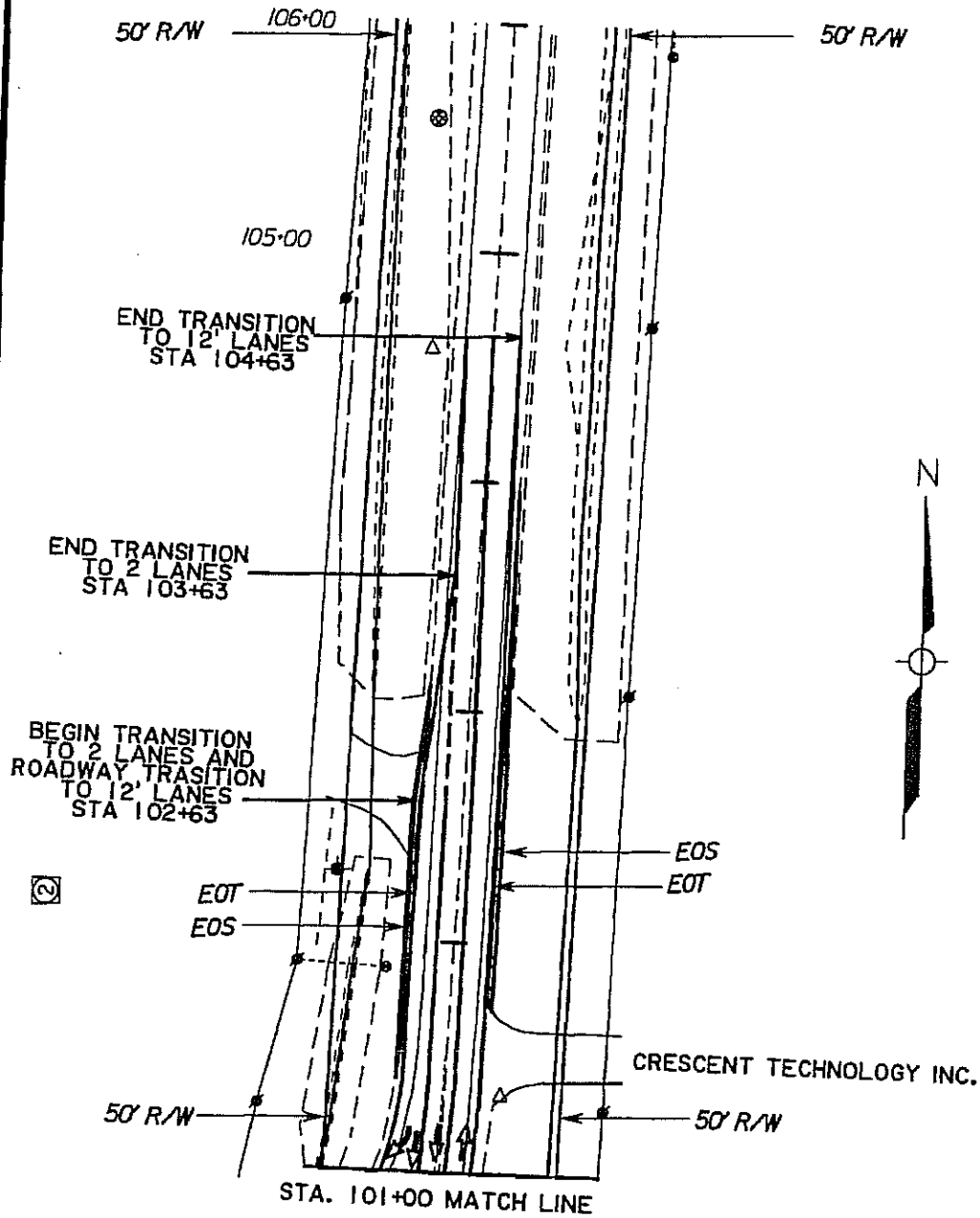


DISTRICT 02
DESIGN

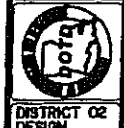
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NTS



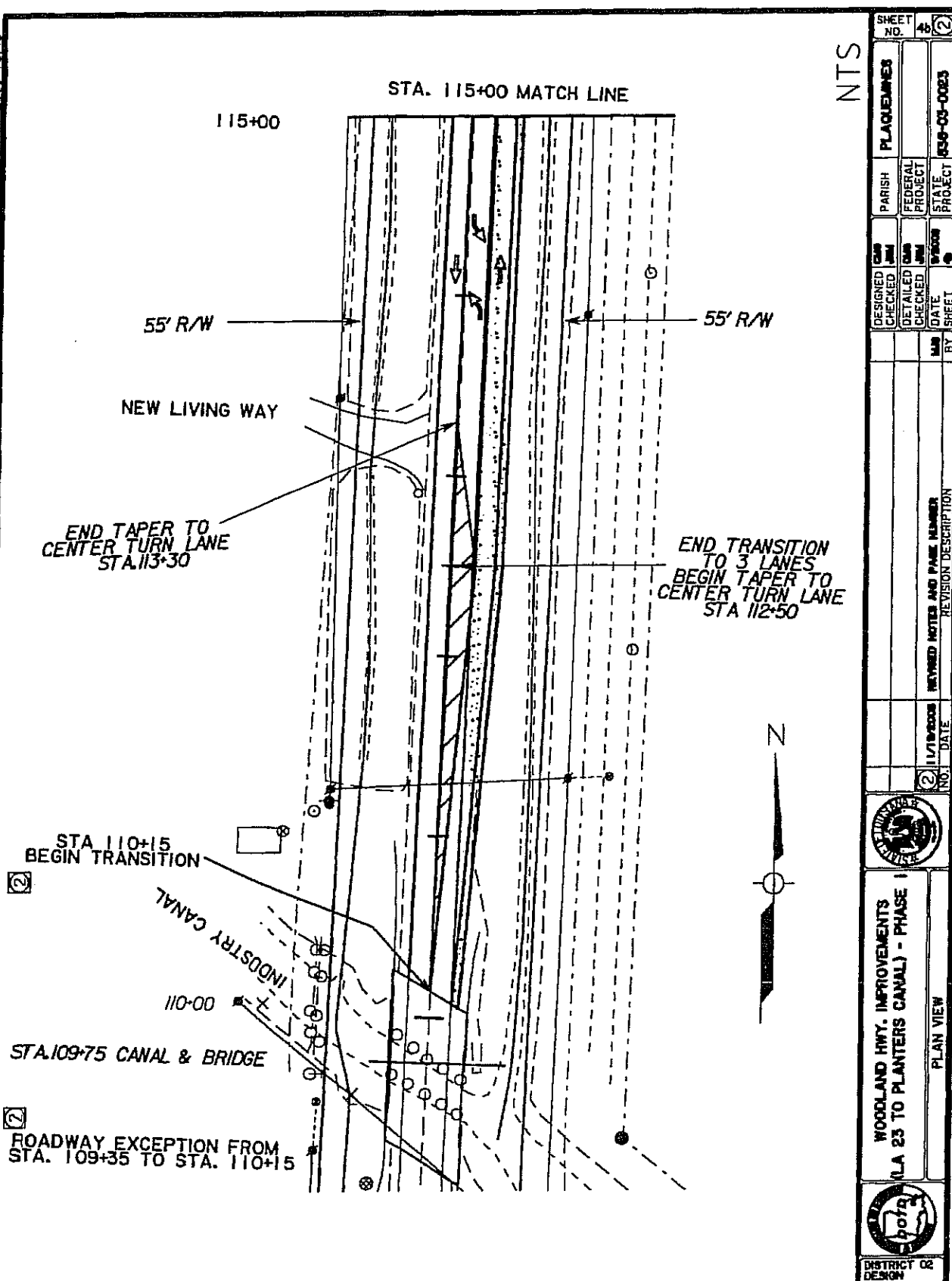
WOODLAND HWY. IMPROVEMENTS
(LA 23 TO PLANTERS CANAL) - PHASE I



PLAN VIEW

DESIGNED	CMS	DATE	11/19/2008
CHECKED	MS	BY	MS
DETAILED	CMS	DATE	11/19/2008
CHECKED	MS	BY	MS
PARISH	PLAQUEMINES	STATE PROJECT	838-03-0023
FEDERAL PROJECT			
SHEET NO.	4a		

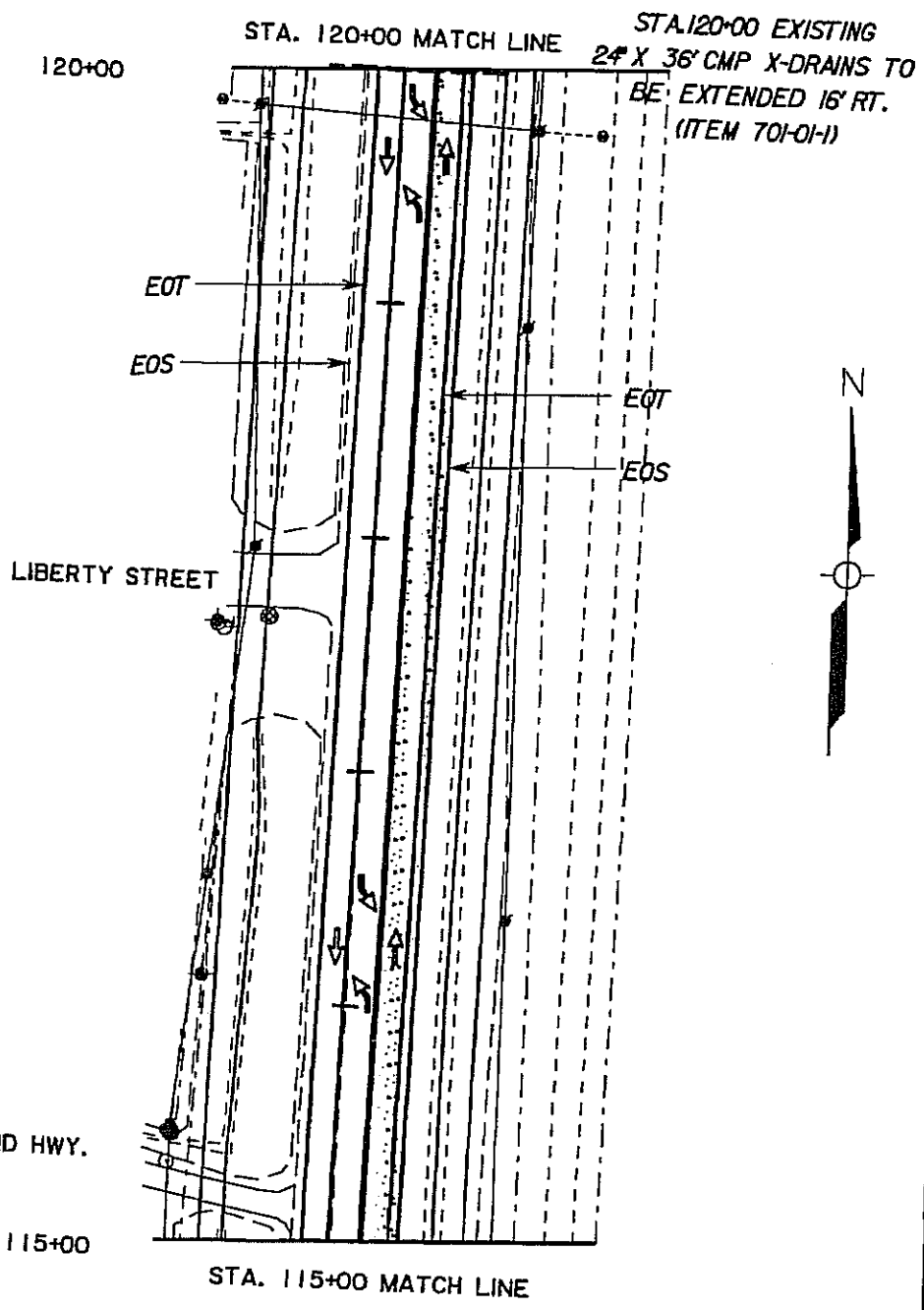
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208 WOODLAND HWY.

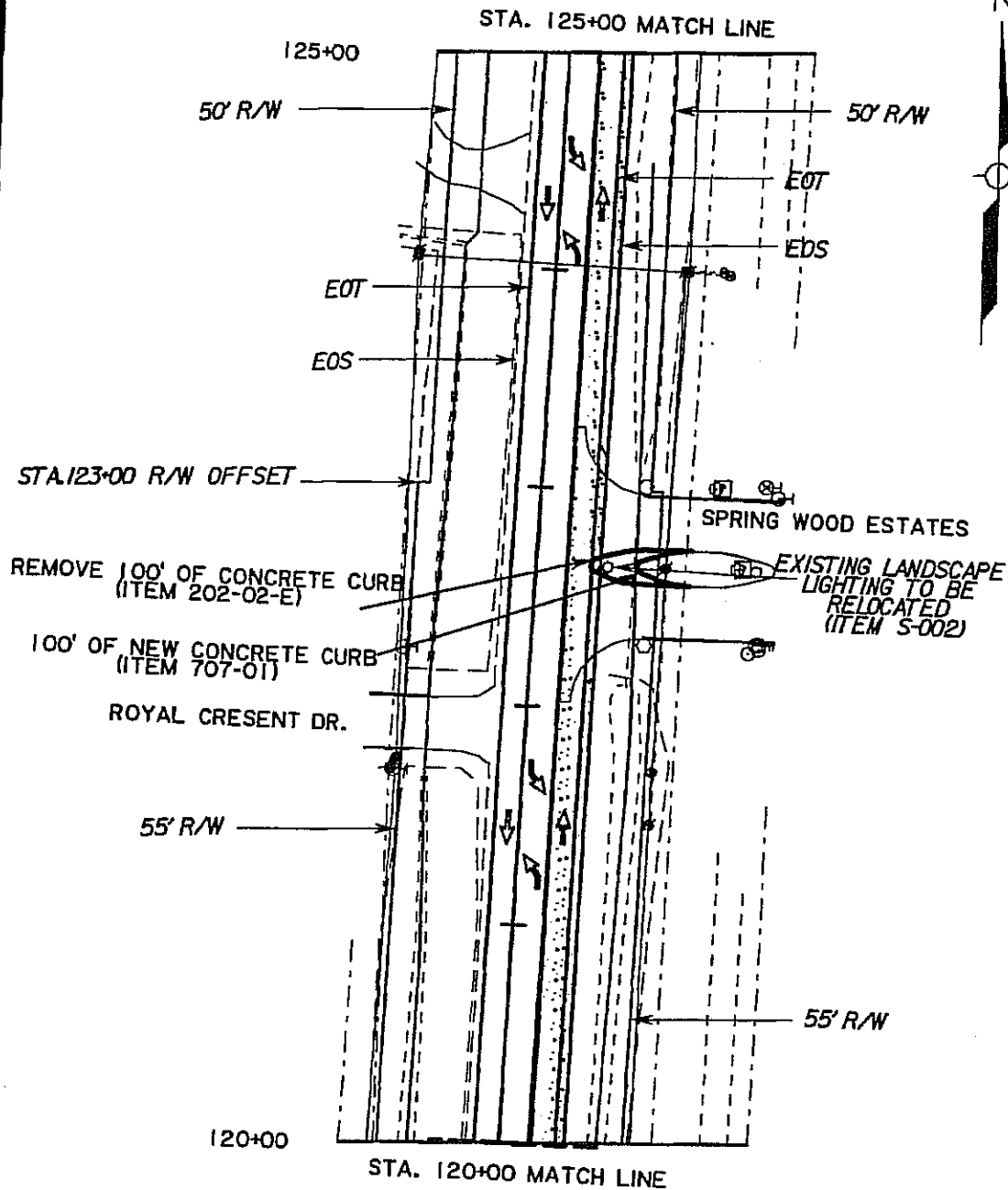


NTS

SHEET NO. 40		PLANNING		PARISH		FEDERAL PROJECT		STATE PROJECT		838-03-0023	
DESIGNED	CHECKED	DATE	BY	DESIGNED	CHECKED	DATE	BY	DESIGNED	CHECKED	DATE	BY
NO. 2				DATE 11/18/2008				REVISION DESCRIPTION			
PLANNING				DESIGNED				CHECKED			
WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I				PLAN VIEW							
DISTRICT 02				DESIGN							

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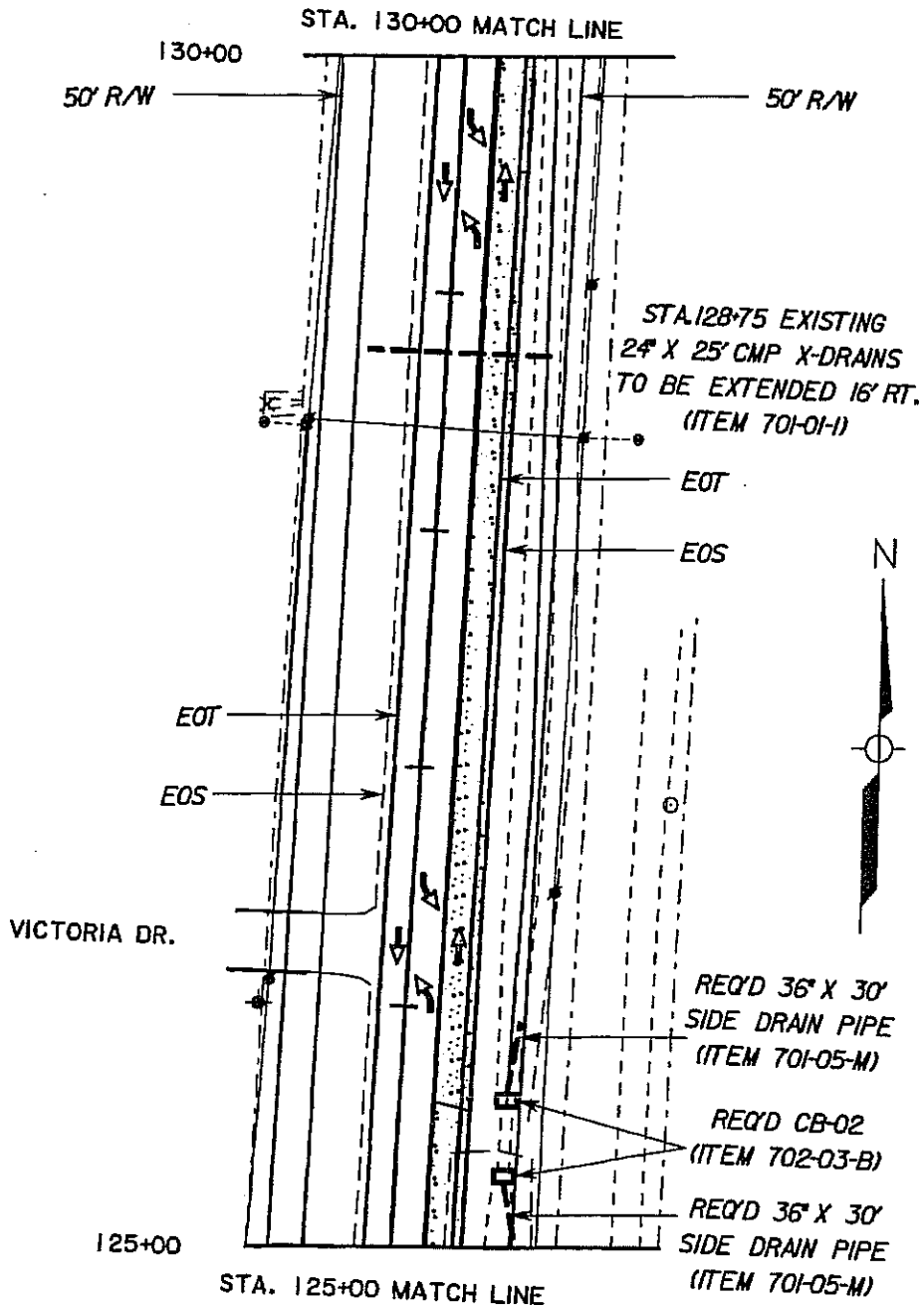


NTS

SHEET NO. 4		PLAQUEMINES	
DESIGNED	CHECKED	PARISH	FEDERAL PROJECT
DATE	DATE	STATE	PROJECT
BY	BY	838-03-0023	
REVISION DESCRIPTION		NO. DATE	
2 11/18/2008		2 11/18/2008	
WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		PLAN VIEW	
DISTRICT 02 DESIGN			

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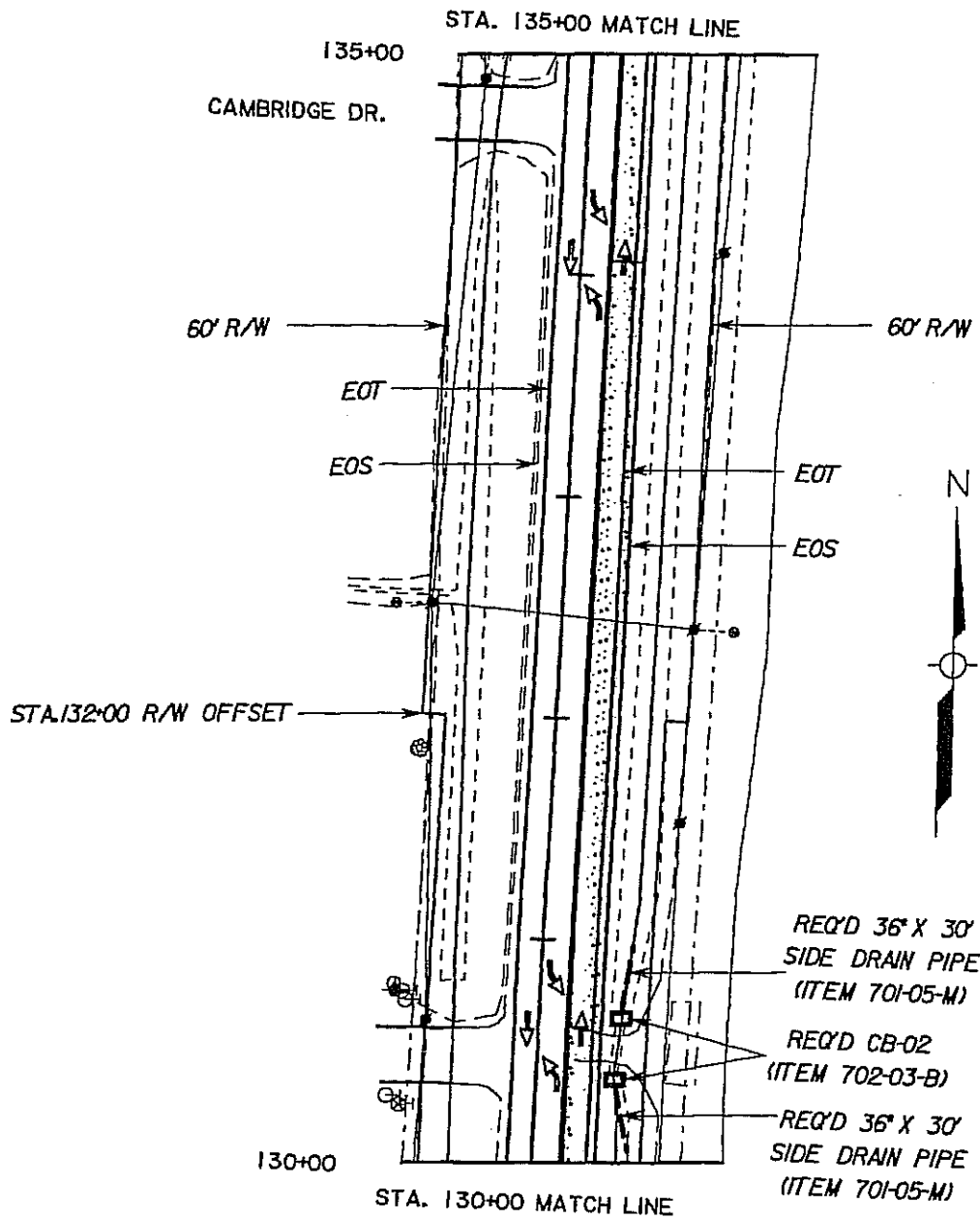


NTS

SHEET NO. 2	
PLANNING	DESIGNED
PARISH	CHECKED
FEDERAL PROJECT	DATE
STATE PROJECT	BY
838-03-0023	
REVISION DESCRIPTION	
NO.	DATE
2	11/19/2008
PLAN VIEW	
WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE 1	
DISTRICT OR DESIGN	

25-NOV-2008 13:45

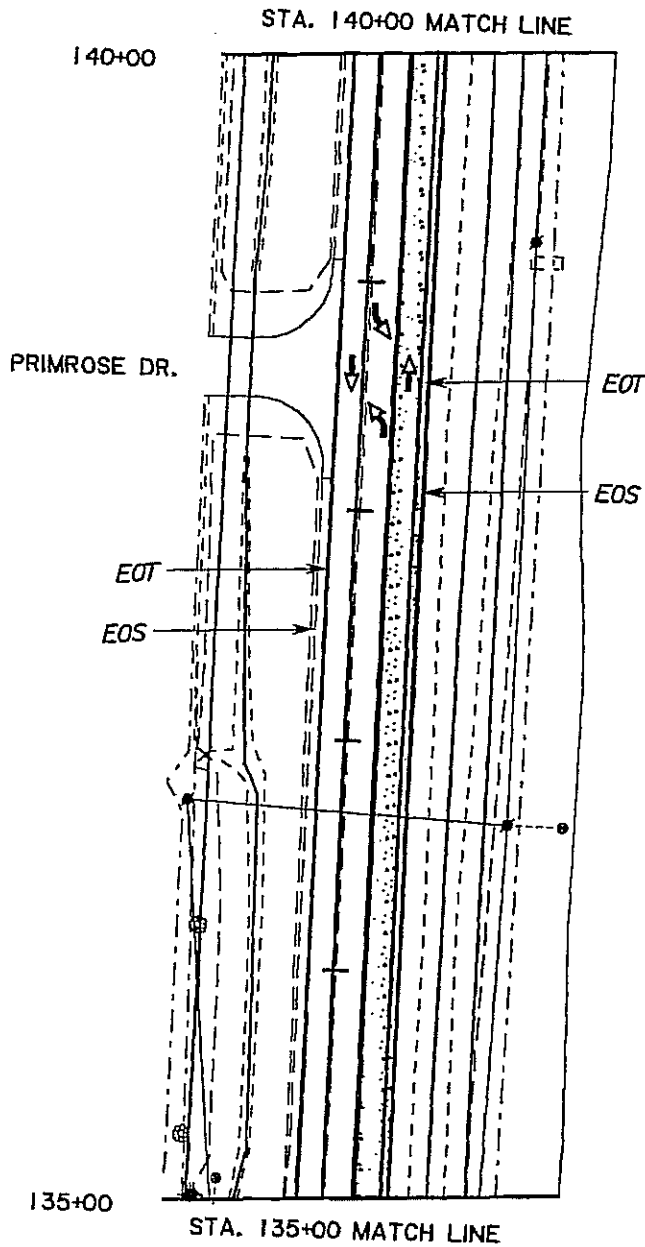
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SHEET NO. 41		PLAQUEMINES	
DESIGNED	CAN	PARISH	FEDERAL PROJECT
CHECKED	AM	CAN	STATE PROJECT
DATE	DATE	DATE	DATE
BY	BY	BY	BY
NO. 1		NO. 2	
DATE		DATE	
REVISION DESCRIPTION			
WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I			
PLAN VIEW			
DISTRICT 02 DESIGN			

25-NOV-2008 13:45

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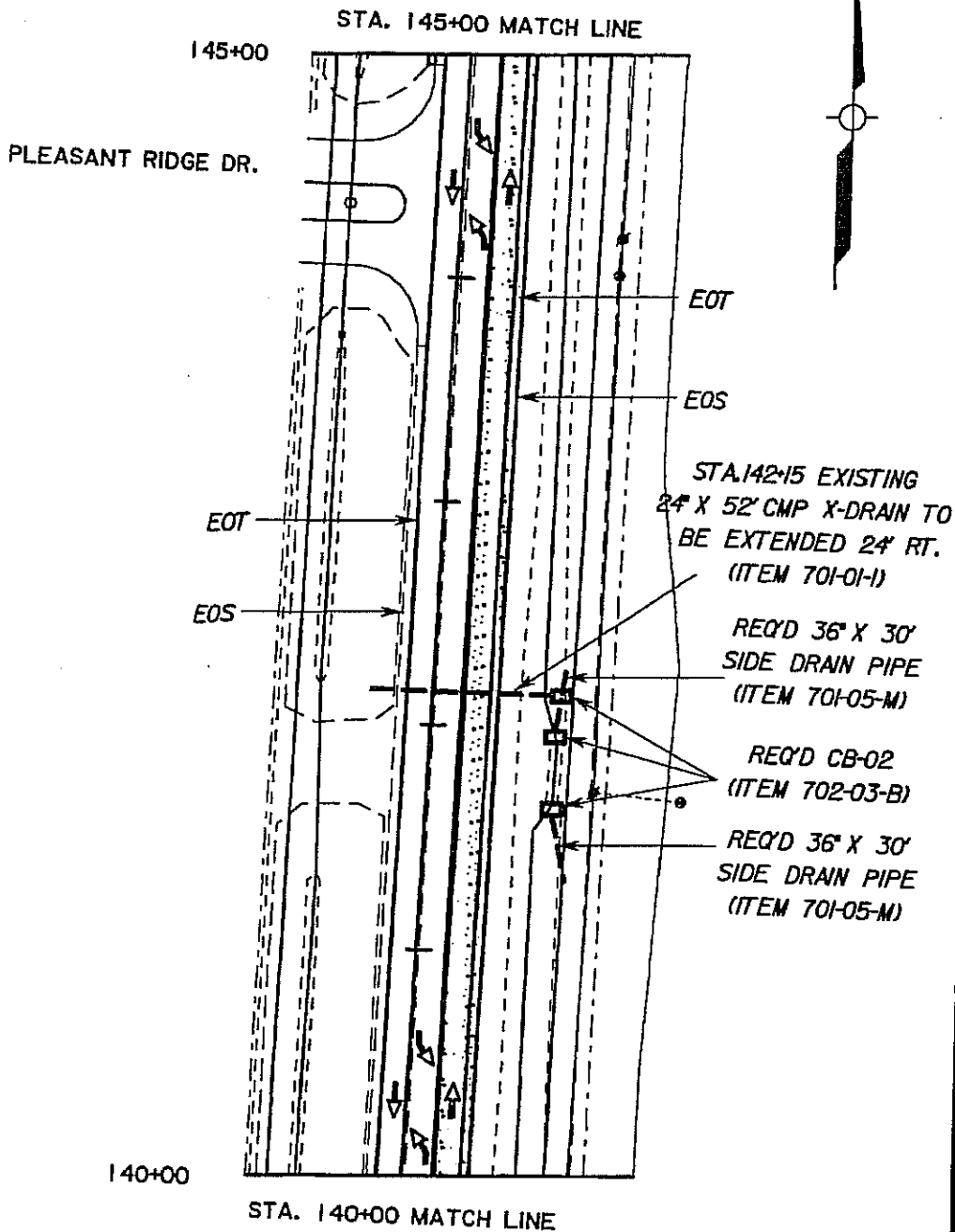


NTS

DISTRICT 02 DESIGN		PLAN VIEW	
WOODLAND HWT. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I			
NO. 2 DATE 11/19/2008		REVISION DESCRIPTION	
DESIGNED CHECKED JUN	DETAILED CHECKED JUN	PARISH FEDERAL PROJECT	PLACEMENTS STATE PROJECT
SHEET NO. 40		838-03-0023	

25-NOV-2008 13:45

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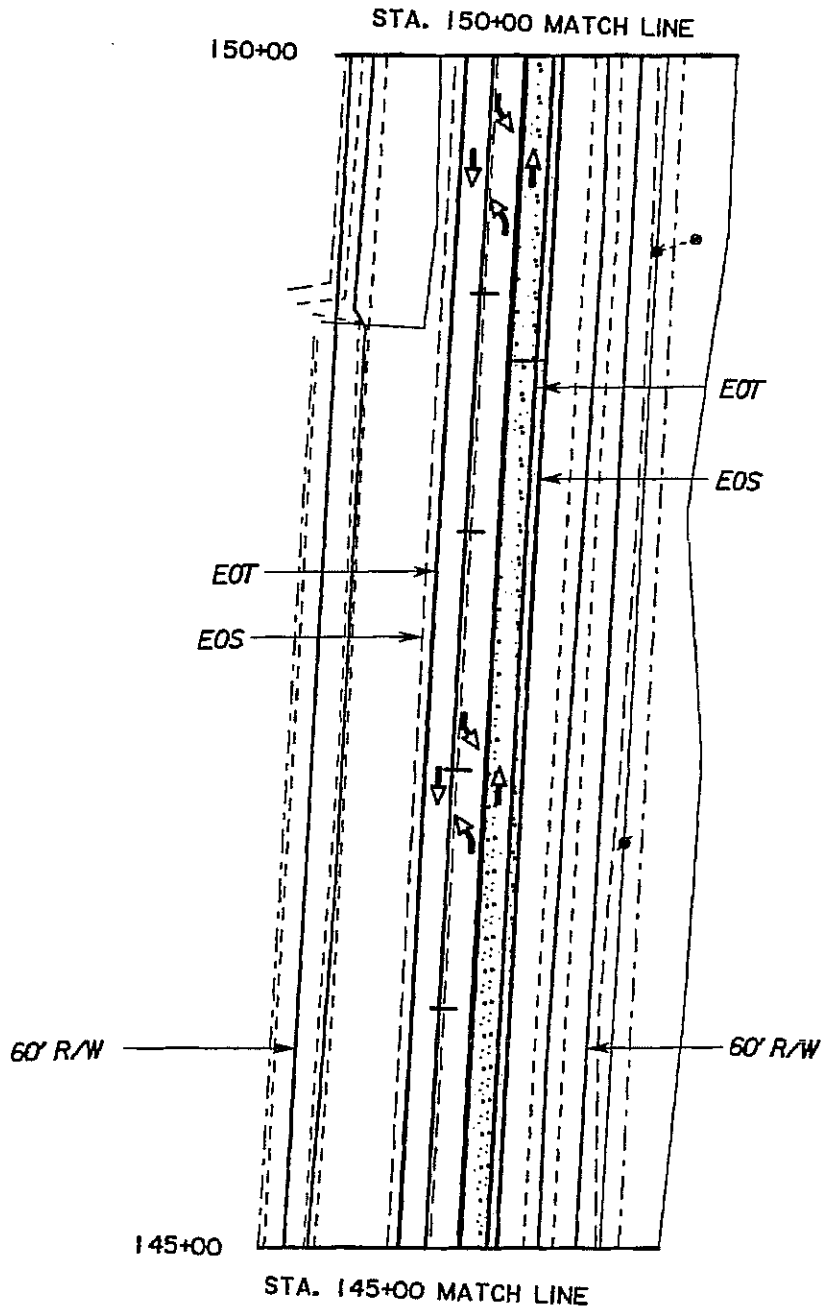


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SHEET NO. 41		PLANNING	
DESIGNED	CAN	PARISH	FEDERAL PROJECT
CHECKED	JAN	STATE	PROJECT
DATE	1/15/2008	NO.	838-03-0023
BY	MS	REVISION DESCRIPTION	
WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CAVAL) - PHASE I			
PLAN VIEW			
DISTRICT 02 DESIGN			

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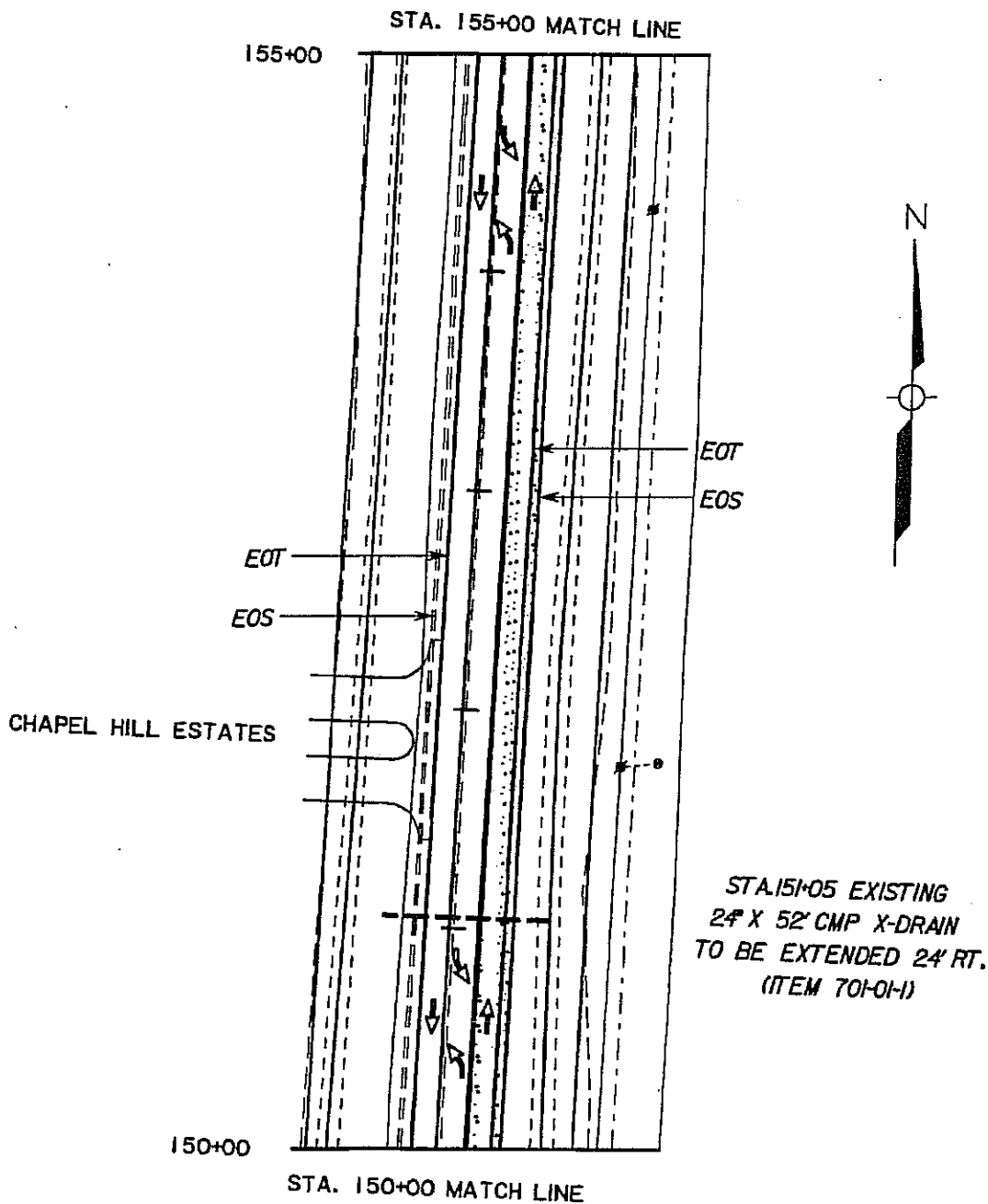


NTS

DISTRICT OR DESIGN		PLAN VIEW		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I	
NO. 2	DATE 11/19/2008	REVISION NO. 2	REVISION DATE 11/19/2008	REVISION DESCRIPTION	REVISION DATE 11/19/2008
DESIGNED CHECKED DATE	DESIGNED CHECKED DATE	PARISH FEDERAL STATE	PROJECT PROJECT PROJECT	PLANNING PLANNING PLANNING	SHEET NO. 4

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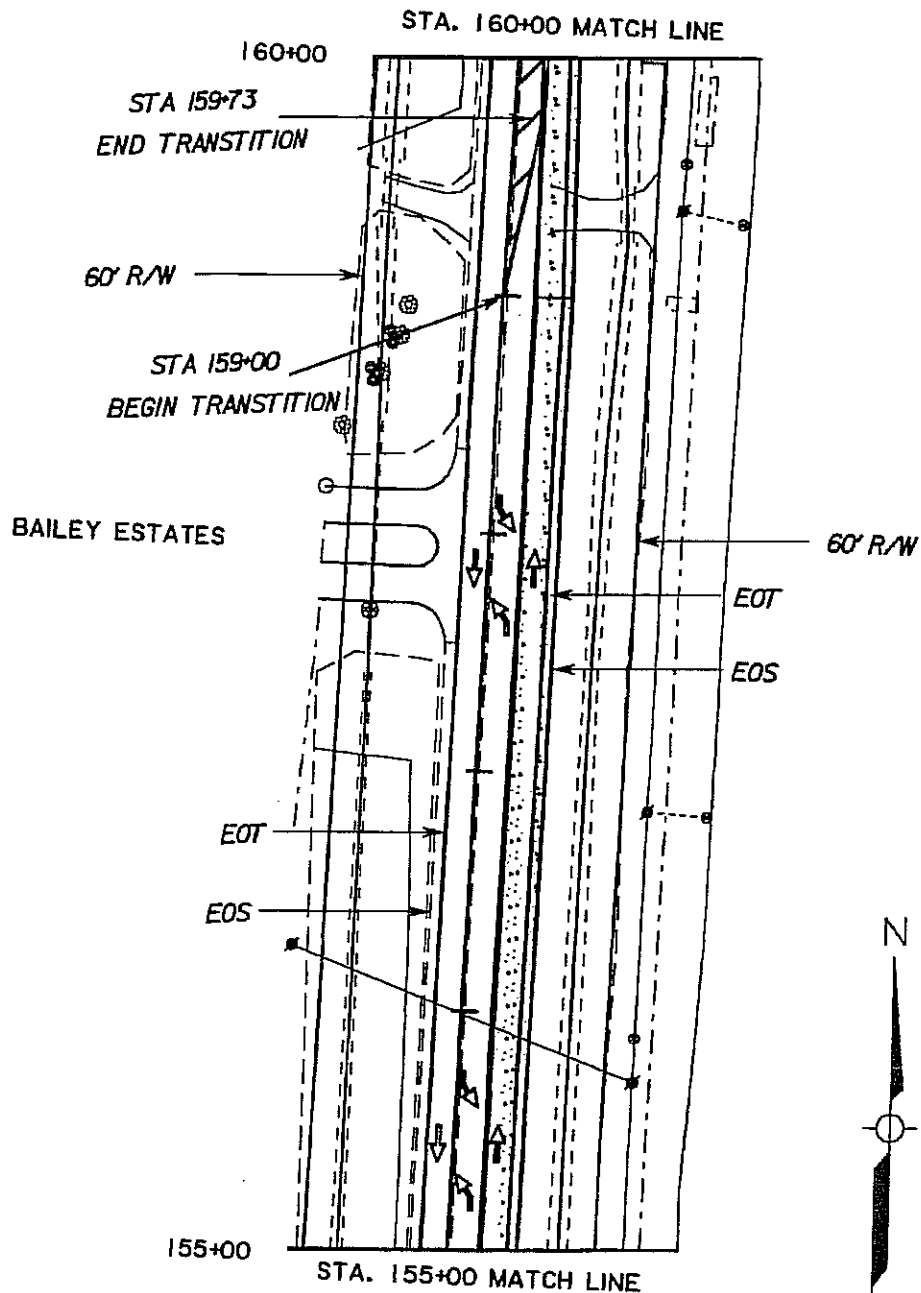


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WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		PLAN VIEW		DISTRICT OR DESIGN	
NO. 2 DATE 11/19/2008		REVISION DESCRIPTION		DESIGNED CHECKED DATE 11/19/2008 BY SHEET 1	
PARISH FEDERAL PROJECT		PLAQUE/WEB		SHEET NO. 4	
STATE PROJECT		838-03-0023		2	

25-NOV-2008 13:44

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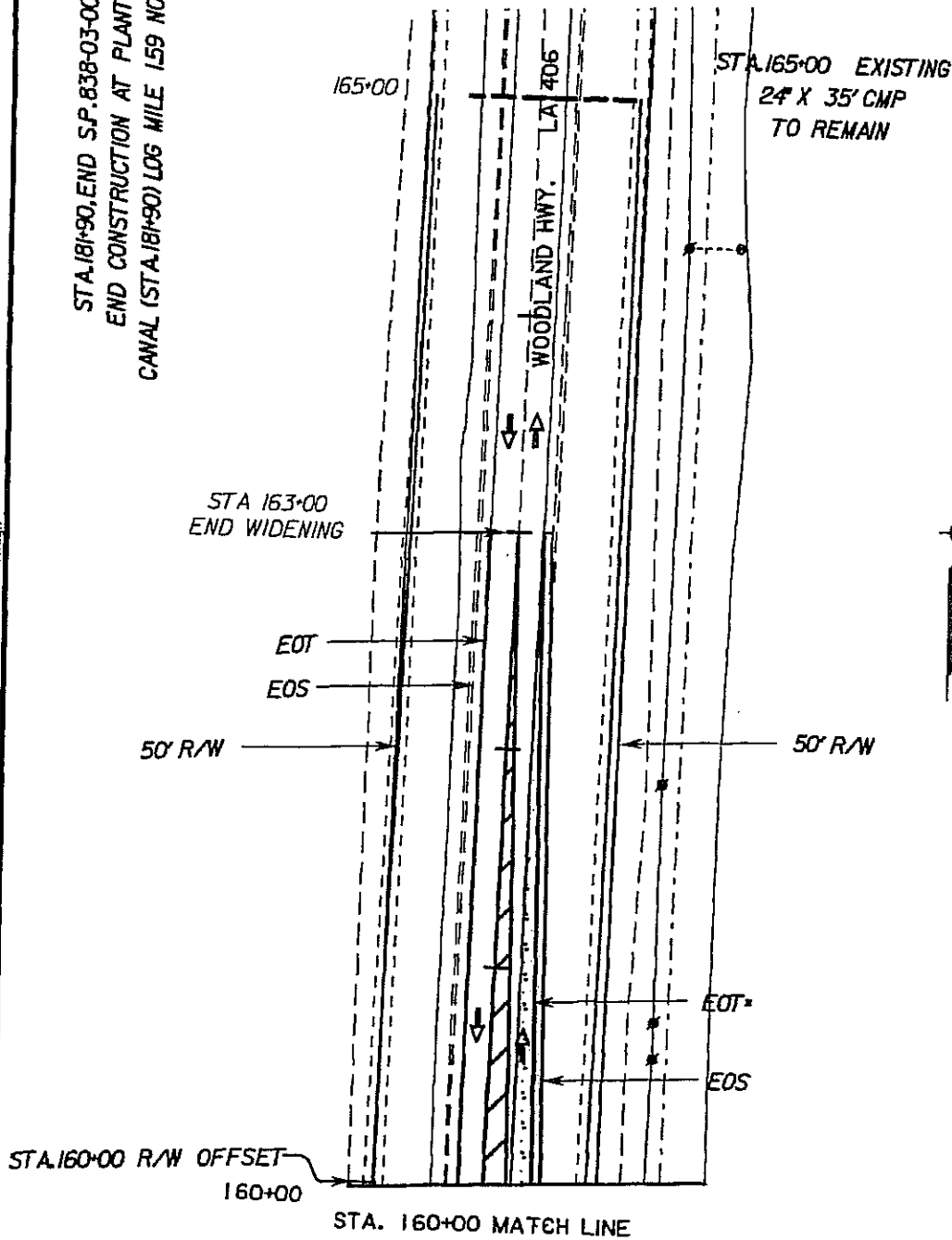
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SHEET NO. 2		PLAQUE# 838-03-0023	
DESIGNED	CHECKED	DATE	BY
11/19/08	11/19/08	11/19/08	11/19/08
WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		PLAN VIEW	
DISTRICT R2 DESIGN		REVISION DESCRIPTION	

25-NOV-2008 13:44

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STA. 161+90, END S.P. 838-03-0023
END CONSTRUCTION AT PLANTERS
CANAL (STA. 161+90) LOG MILE 159 NOT SHOWN

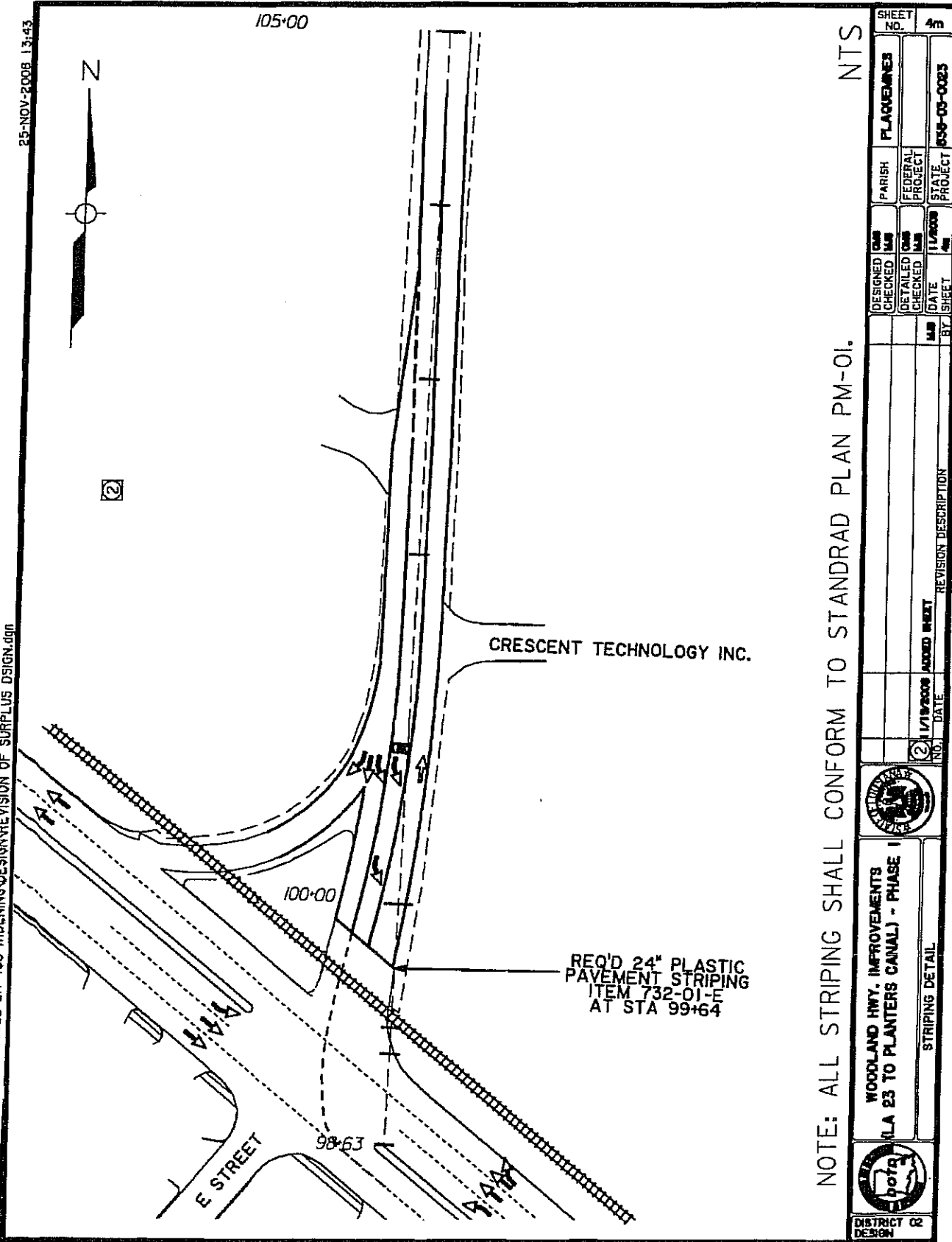


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SHEET NO. 41		PLACEMENTS	
DESIGNED	CHECKED	PARISH	FEDERAL PROJECT
DATE	BY	STATE PROJECT	838-03-0023
REVISION DESCRIPTION		NO. 2	
DATE		11/19/2008	
REVISION		2	
PLAN VIEW		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE 1	
DISTRICT OR DESIGN		DISTRICT 02	

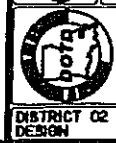
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25-NOV-2008 13:43



NOTE: ALL STRIPING SHALL CONFORM TO STANDRAD PLAN PM-01.

NTS



WOODLAND HWY. IMPROVEMENTS
(LA 23 TO PLANTERS CANAL) - PHASE I



NO. 2 DATE 1/19/2008
REVISION DESCRIPTION
ADDED MEET

DESIGNED	CMS	PARISH	PLAQUEMINES	SHEET NO.	4m
CHECKED	MS	FEDERAL PROJECT			
DATE	1/19/2008	STATE PROJECT	659-03-0023		
BY	MS				

REMOVAL OF CONCRETE CURBS AND OFFSETS				
STATION	SUBDIVISION	LENGTH OF CURB TO BE REMOVED (ITEM 202-02-E)	LENGTH OF CURB TO BE REPLACED (ITEM 707-01)	REQ'D OFFSET DISTANCE (OR AS DIRECTED BY PROJECT ENGINEER)
122+65	SPRING WOOD ESTATES	100 FEET	100 FEET	20 FEET
100+40	ISLAND @ INTERSECTION WITH LA 23	80 FEET	80 FEET	SEE PLAN SHEETS

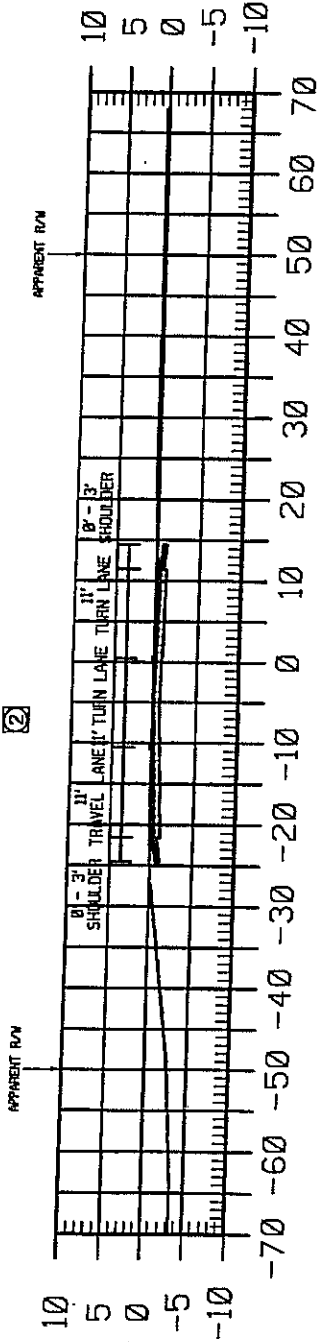
2

				② 11/19/2008		ADDED ADDITIONAL QUANTITIES		M/S		DESIGNED ☒ CM CHECKED ☒ JM		PARISH		PLAQUE/KNES		SHEET NO. 5	
WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		REMOVAL OF CONCRETE CURBS		NO. DATE		REVISION DESCRIPTION		BY		DATE		FEDERAL PROJECT		STATE PROJECT		838-03-0023	

25-NOV-2008 14:15

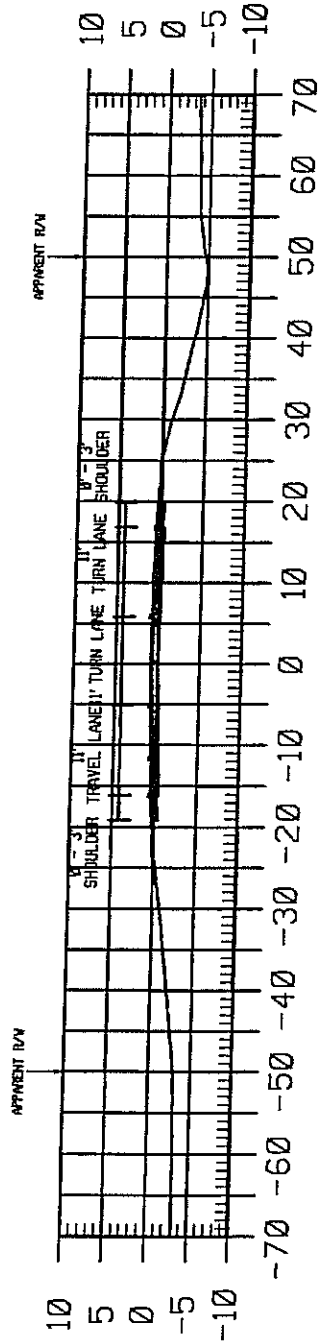
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②



1000+00

GENERAL EXCAVATION = 68 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMMENT = 8 CUBIC YARDS

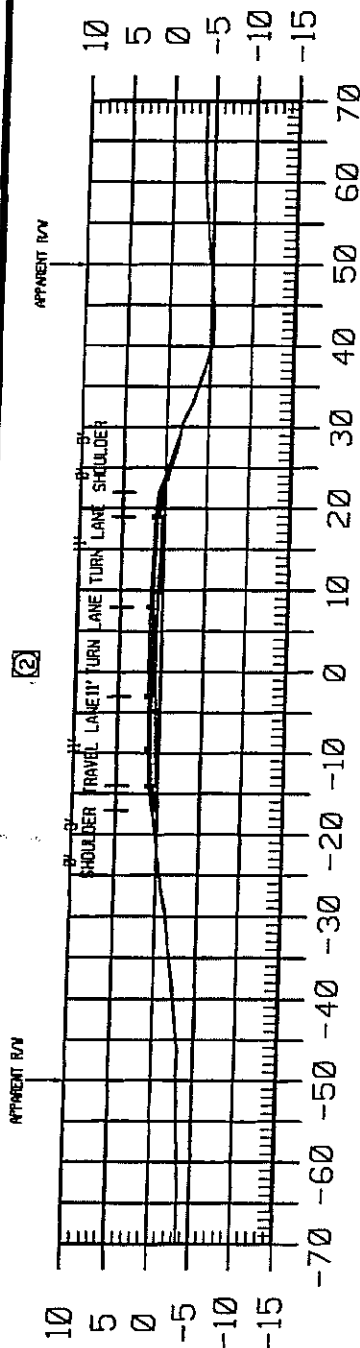


1001+00

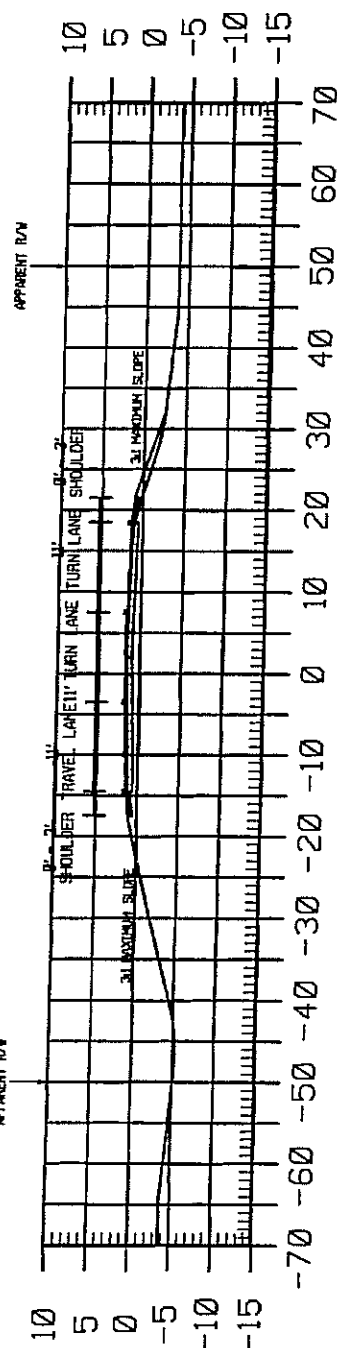
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DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMMENT = 8 CUBIC YARDS

NTS

DISTRICT R DESIGN	WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I	CROSS SECTIONS	②	DATE	ADDED SHEET	REVISION DESCRIPTION	DESIGNED	CMS	PARISH	PLAQUEMINES	SHEET NO.
							CHECKED	JM	FEDERAL PROJECT	6	
							DATE	12/02/08	STATE PROJECT	838-03-0023	
							BY				



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DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMPANGMENT = 25 CUBIC YARDS

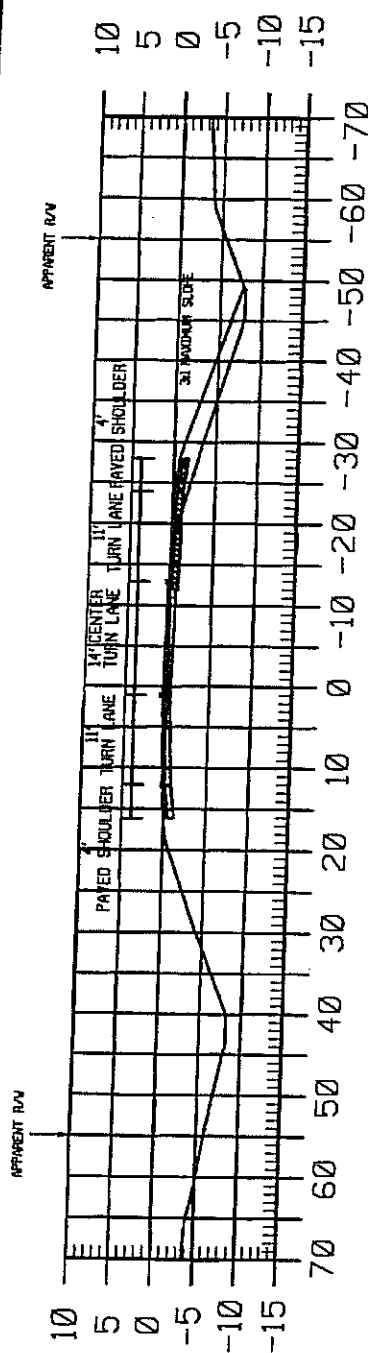


GENERAL EXCAVATION • 89 CUBIC YARDS
DRAINAGE EXCAVATION • 74 CUBIC YARDS
NON-PLASTIC EMBANKMENT • 50 CUBIC YARDS

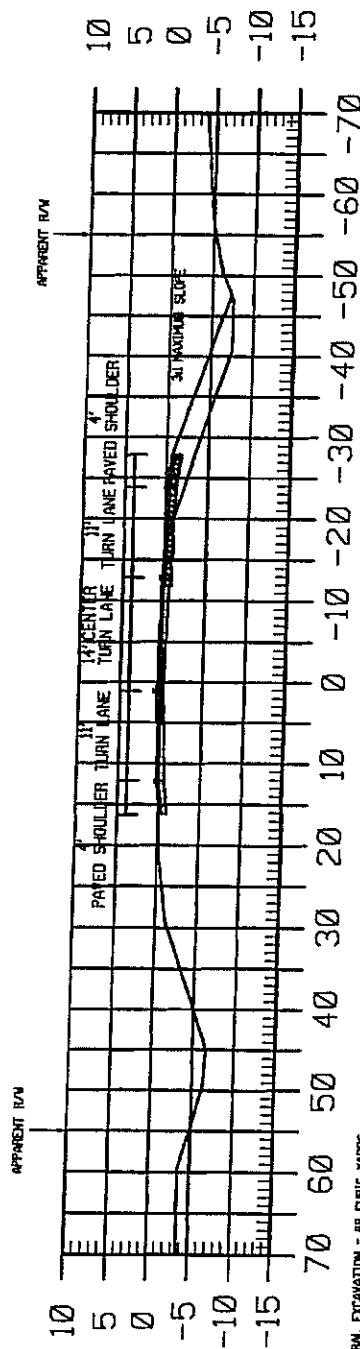
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 DISTRICT 02 DESIGN	 WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL - PHASE I)	 CROSS SECTIONS	NO. 2 DATE 11/19/2008	ADDED SHEET	REVISION DESCRIPTION	DESIGNED	PARISH	PLACEMENTS	SHEET NO. 6a
						CHECKED	FEDERAL PROJECT		
						DATE	STATE PROJECT		

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GENERAL EXCAVATION = 89 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMBANKMENT = 427.3 CUBIC YARDS

$$112+00$$


GENERAL EXCAVATION = 89 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMBANKMENT = 488.5 CUBIC YARDS

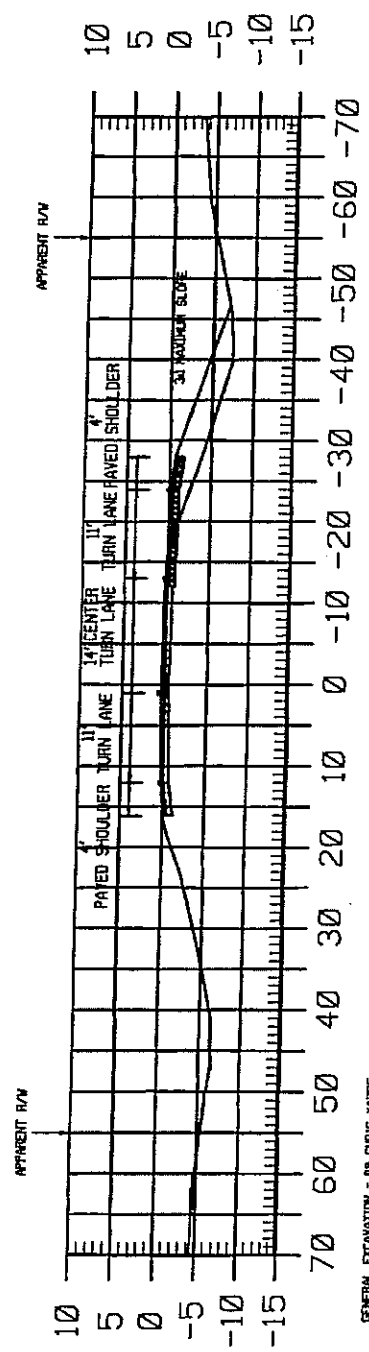
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NTS

 DISTRICT 02 DESIGN	WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		NO. 2	DATE 11/19/00	REVISION PAGE NUMBER	REVISION DESCRIPTION	DESIGNED	PARISH	PLAJEMINES	SHEET NO. 8
							CHECKED JMM	FEDERAL PROJECT		8
CROSS SECTIONS							DETAILED	STATE	538-03-0023	②
							CHECKED JMM	PROJECT		②
							DATE	BY SHEET		

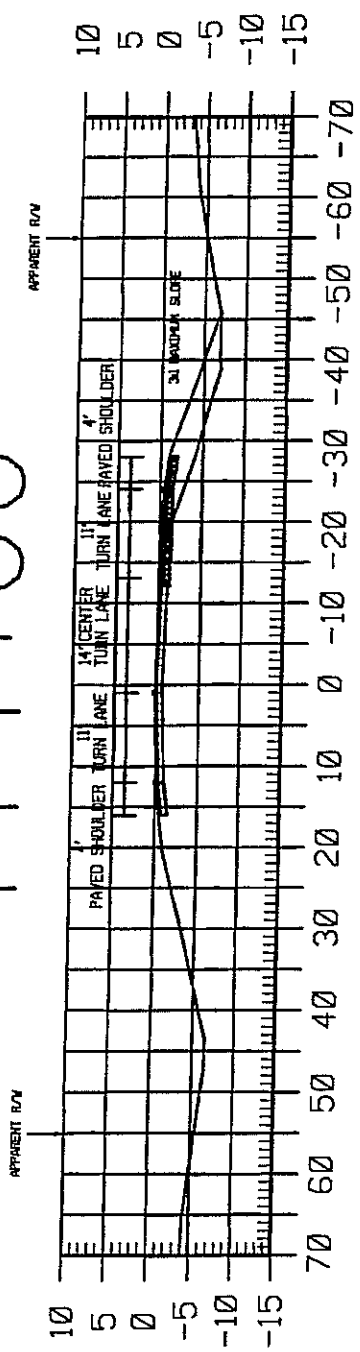
25-NOV-2008 14:11

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GENERAL EXCAVATION = 89 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMMENT = 42.1 CUBIC YARDS

114+00

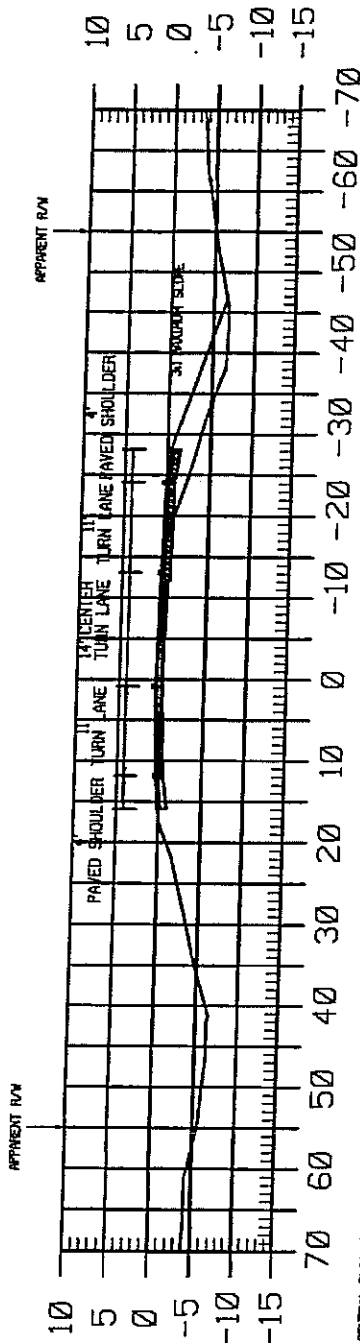


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DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMMENT = 38.1 CUBIC YARDS

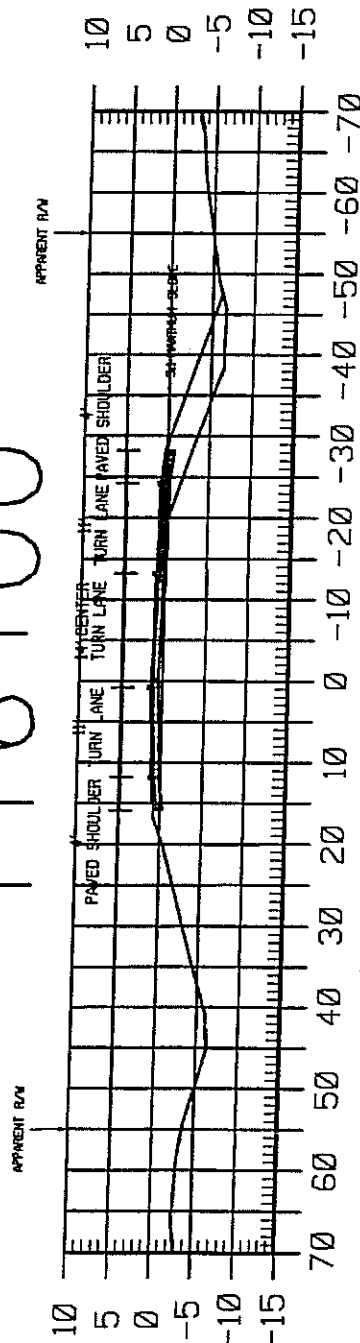
115+00

NTS

	DISTRICT 02 DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		CROSS SECTIONS	
			REVISION DESCRIPTION			
DESIGNED BY			PARISH	PLAQUEWORKS	SHEET NO.	
CHECKED BY			FEDERAL PROJECT	STATE PROJECT	60	
DATE			DATE	DATE	838-03-0023	
BY SHEET			BY SHEET	BY SHEET	2	



GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 411 CUBIC YARDS

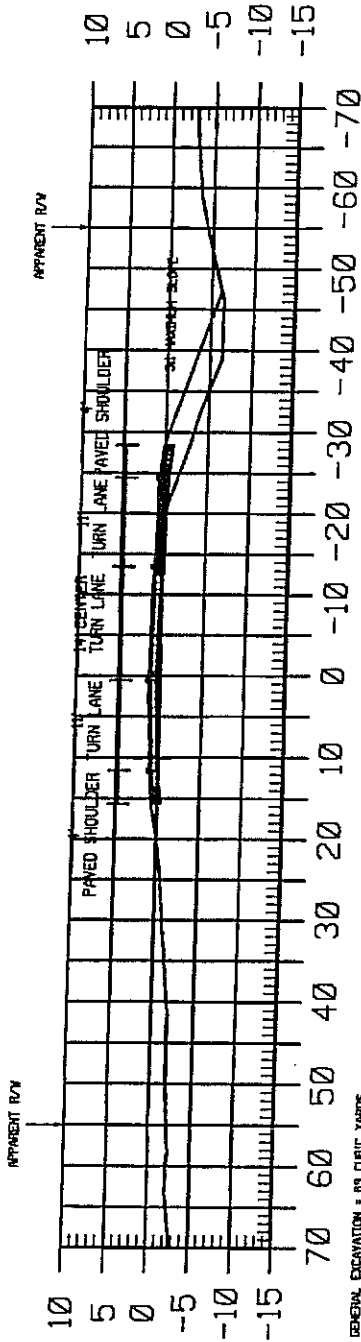


GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 454.1 CUBIC YARDS

NTS

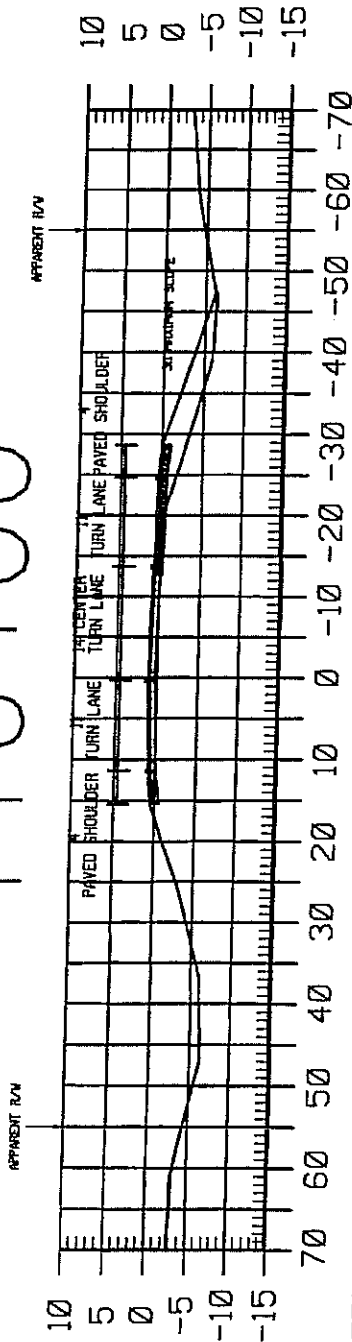
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CROSS SECTIONS		NO. 2 DATE 1/18/2008 REVISION PAGE NUMBER REVISION DESCRIPTION		DESIGNED CHECKED DETAILED CHECKED DATE 1/18/2008 14	
PARISH PROJECT STATE PROJECT		PLACEMENTS PROJECT PROJECT		SHEET NO. 62 2	

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GENERAL ELEVATION = 81 CUBIC YARDS
DRAINAGE ELEVATION = 74 CUBIC YARDS
NON-PLASTIC EMBANKMENT = 484.2 CUBIC YARDS

118+00

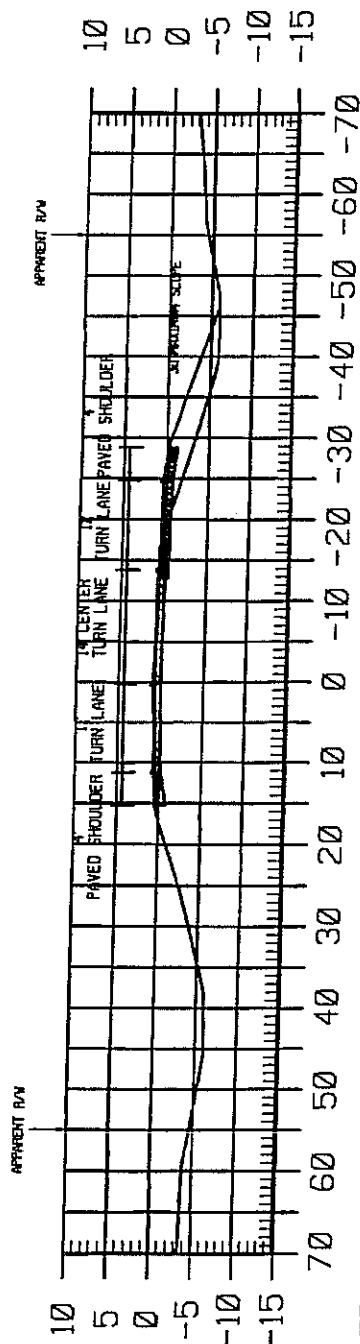


GENERAL ELEVATION = 81 CUBIC YARDS
DRAINAGE ELEVATION = 74 CUBIC YARDS
NON-PLASTIC EMBANKMENT = 386.7 CUBIC YARDS

119+00

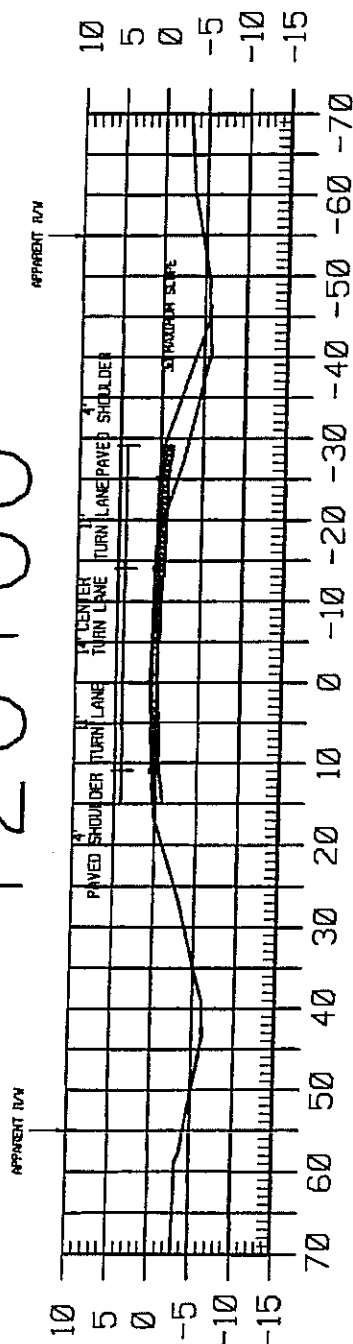
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	DISTRICT DESIGN	CROSS SECTIONS	WOODLAND HWY. IMPROVEMENTS LA 23 TO PLANTERS CANAL - PHASE I		DESIGNED		PARISH	PLANNING	SHEET NO. 2
					CHECKED	DATE	FEDERAL PROJECT	STATE PROJECT	
REVISION DESCRIPTION					DATE	BY	DATE	BY	PROJECT
2/1/2008					12/08	MS	12/08	MS	838-03-0023



GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 MIN-PLASTIC EMBANKMENT = 36.9 CUBIC YARDS

120+00



GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 MIN-PLASTIC EMBANKMENT = 36.9 CUBIC YARDS

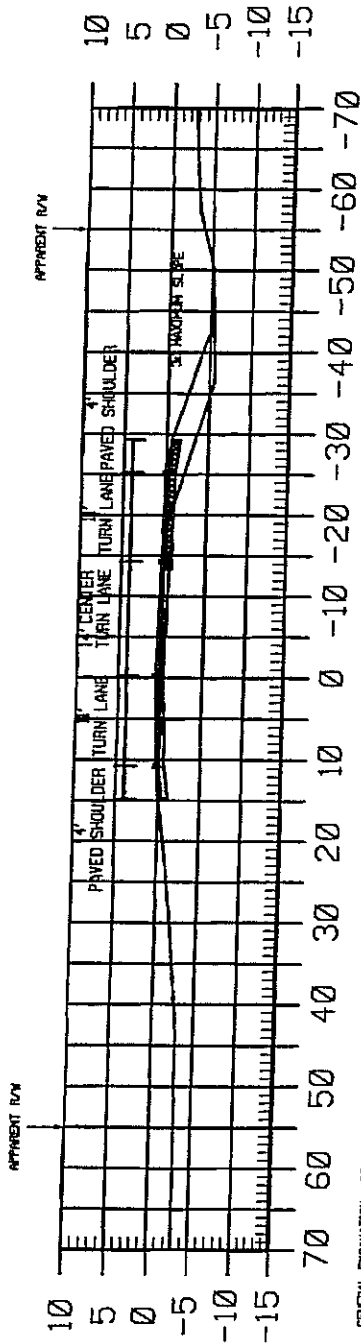
121+00

NTS

		WOODLAND HWY. IMPROVEMENTS LA 23 TO PLANTERS CANAL - PHASE I				CROSS SECTIONS		DESIGNED CHECKED DATE		PARISH PLACEMINES		SHEET NO. 61	
NO. 2		DATE 11/18/2008		REVISION DESCRIPTION		NO. 2		CHECKED DATE		FEDERAL PROJECT		STATE PROJECT 838-03-0023	

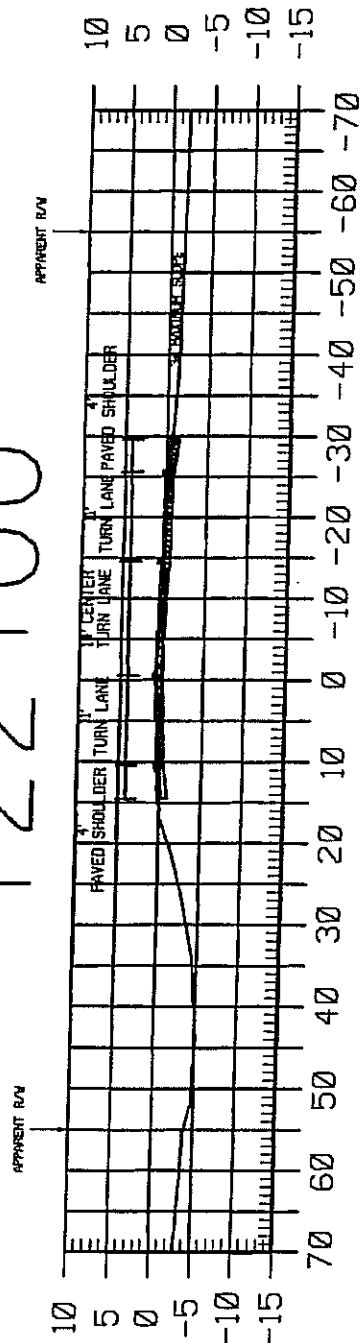
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GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EXHAUSTION = 341.5 CUBIC YARDS

122+00

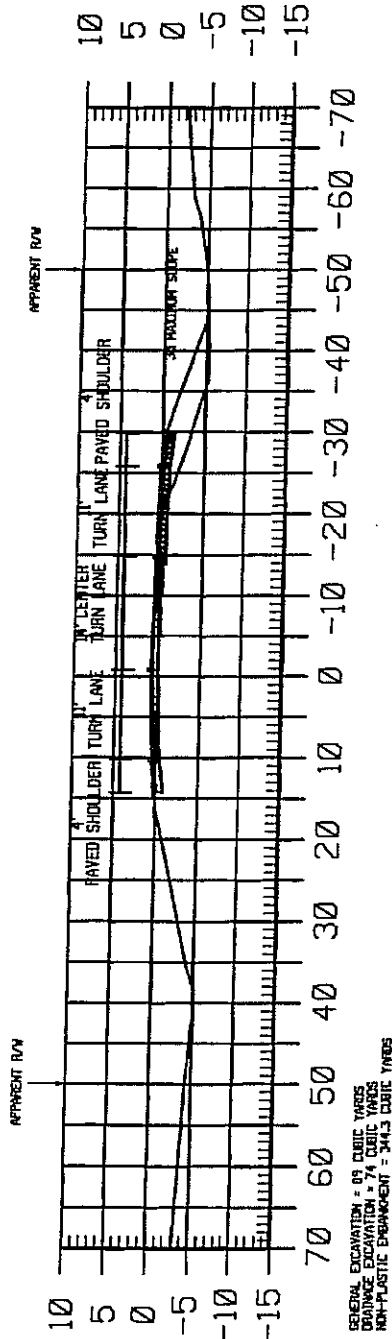


GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EXHAUSTION = 115.7 CUBIC YARDS

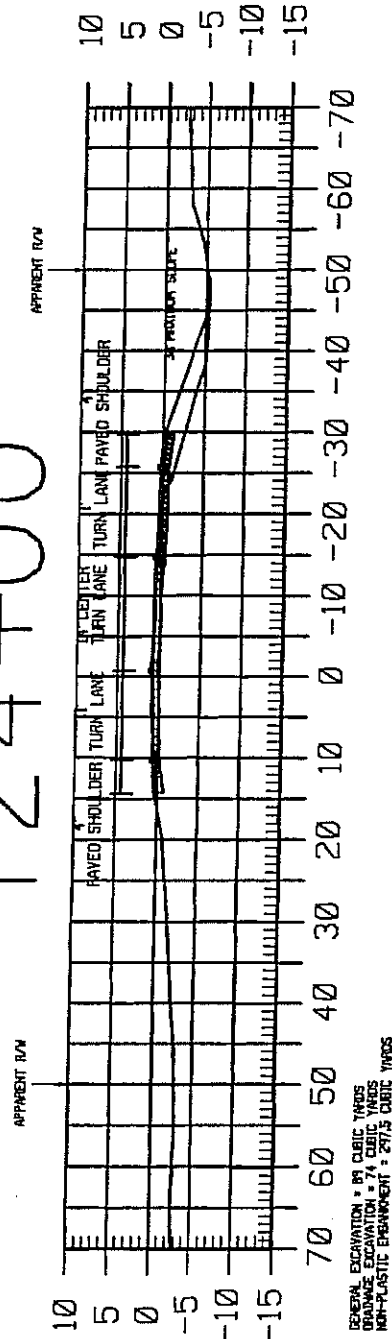
123+00

NTS

				WOODLAND HWY. IMPROVEMENTS LA 25 TO PLANTERS CANAL - PHASE I	
CROSS SECTIONS		REVISION DESCRIPTION		PLANNING	
DESIGNED CHECKED DATE	DRAWN CHECKED DATE	PARISH FEDERAL PROJECT STATE PROJECT	SHEET NO. 80	838-03-0023	



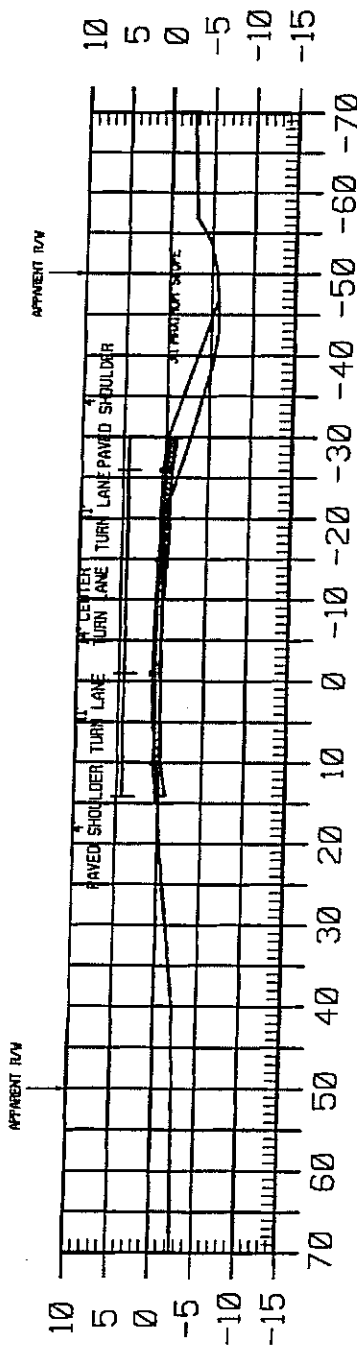
124+00



125+00

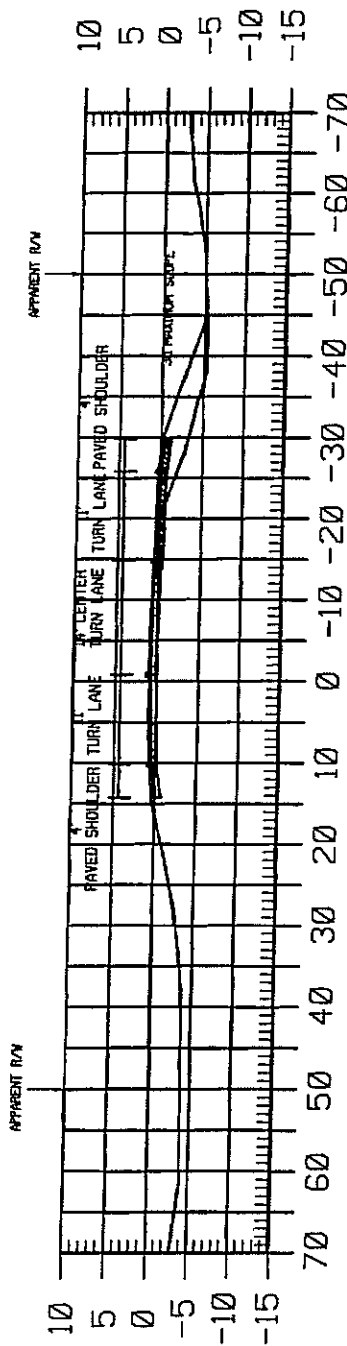
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DISTRICT 02 DESIGN		WOODLAND HWY. IMPROVEMENTS LA 25 TO PLANTERS CANAL - PHASE I		CROSS SECTIONS		SHEET NO. 9	
NO. 124+000 DATE 1/18/2008 REVISION DESCRIPTION		DESIGNED CHECKED DETAILED CHECKED PROJECT DATE 1/18/2008 BY SHEET		PARISH FEDERAL PROJECT STATE PROJECT		PLACQUINES 838-03-0023	



GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 3372 CUBIC YARDS

126+00

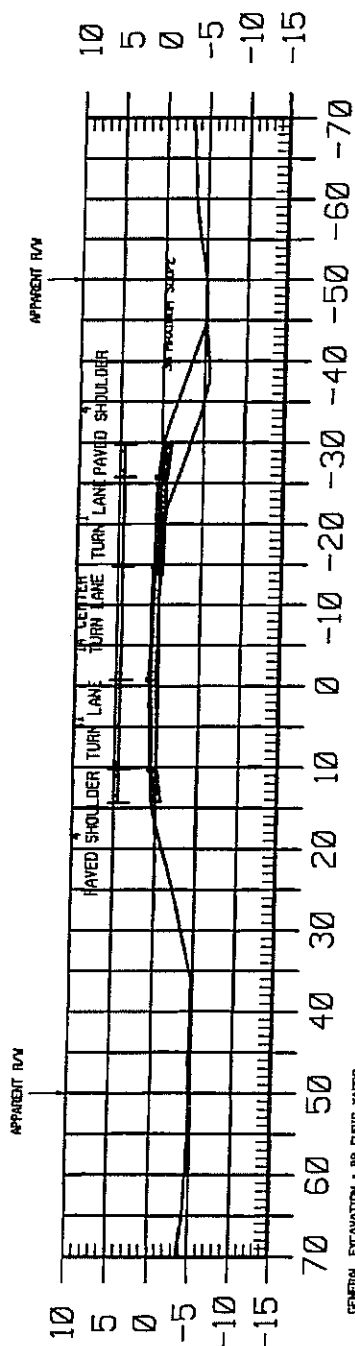


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 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 3372 CUBIC YARDS

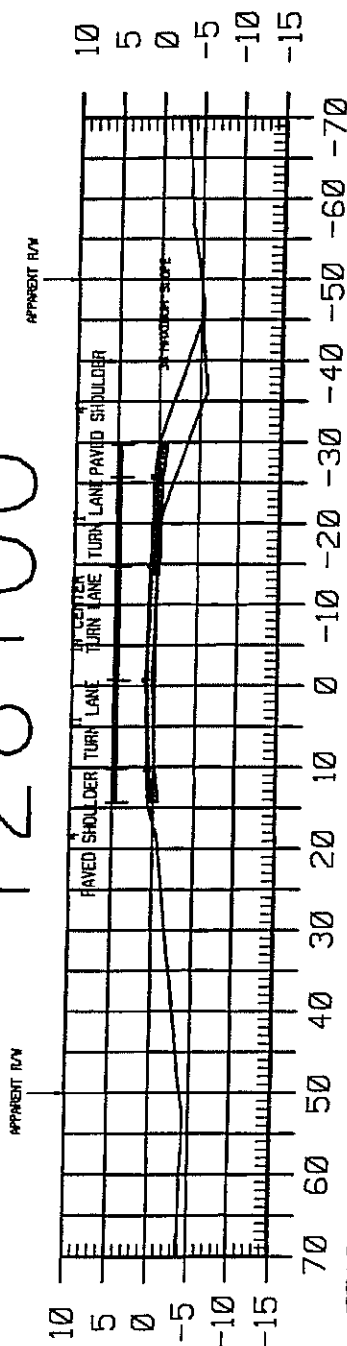
127+00

NTS

DISTRICT Q2 DESIGN		WOODLAND HWY. IMPROVEMENTS LA 25 TO PLANTERS CANAL - PHASE I				SHEET NO. 2 838-03-0023	
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NO. DATE		REVISED PAGE NUMBER		DATE		BY SHEET	



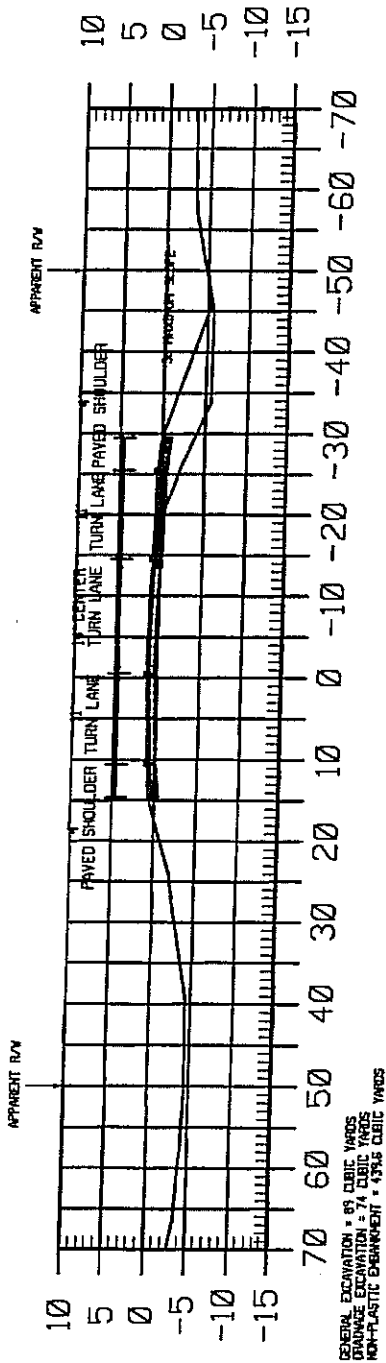
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STORMWATER EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMBANKMENT = 3891 CUBIC YARDS

$$1280 + 00$$


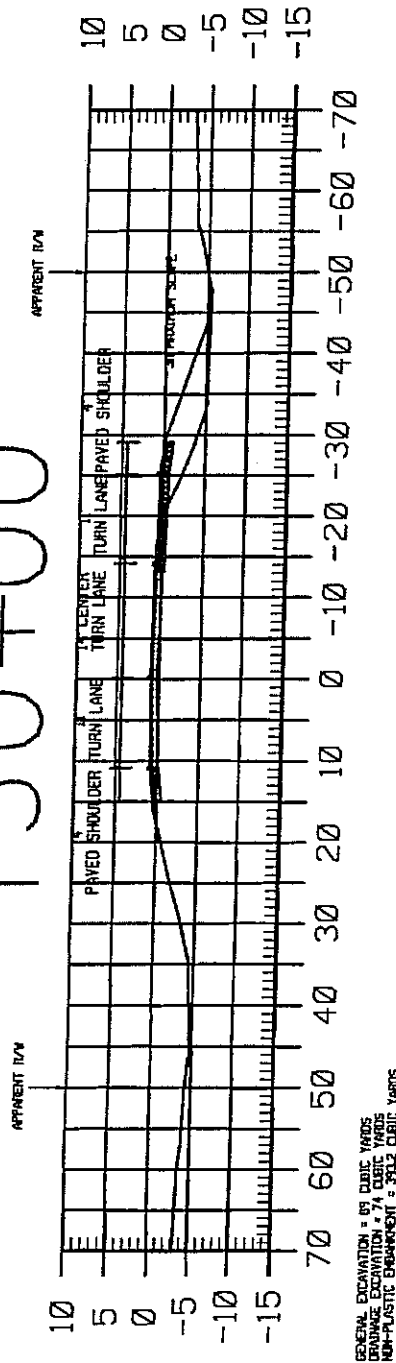
GENERAL EXCAVATION = 89 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMBANKMENT = 414.0 CUBIC YARDS

 12900

	DISTRICT 02 DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 25 TO PLANTERS CANAL) - PHASE I		CROSS SECTIONS	NO.	DATE	REVISION PAGE NUMBER	MAY BY SHEET	DESIGNED	CADD	PARISH	PLAQUE NUMBERS	SHEET NO.
										CHECKED	AND	FEDERAL PROJECT	OF	
						②	1/18/2008			DETAILED	CADD			②
										PROJECT	AND	STATE PROJECT	858-05-0023	



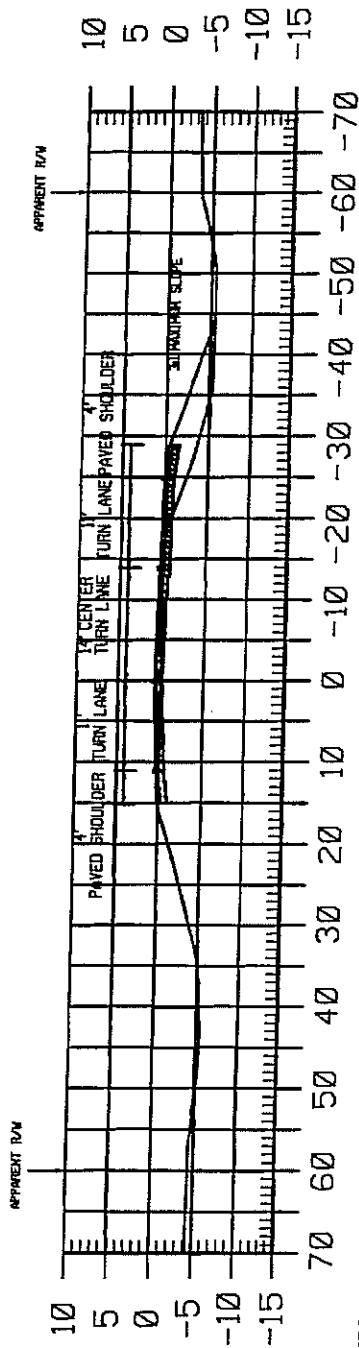
130+00



131+00

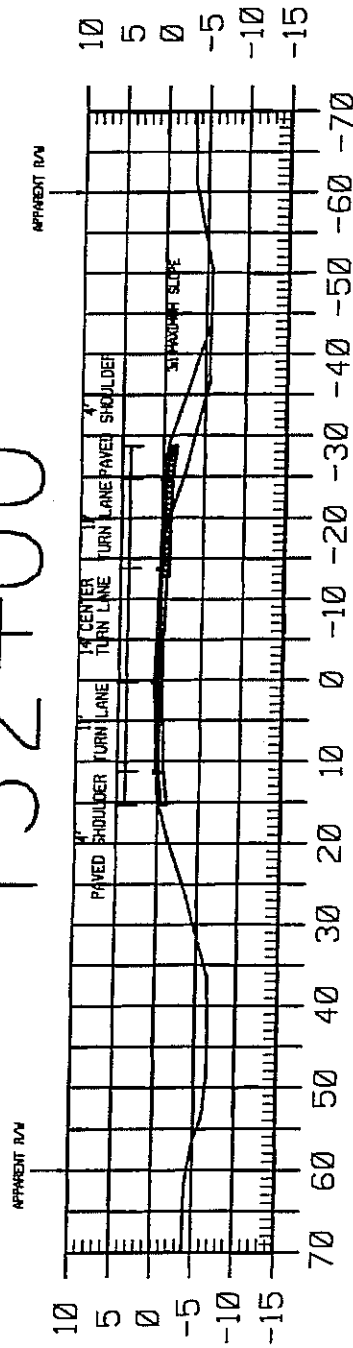
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	WOODLAND HWY. IMPROVEMENTS (LA 25 TO PLANTERS CANAL) - PHASE I			NO. 2 DATE 1/15/2008	REVISION DESCRIPTION REVISION NUMBER	DESIGNED CHECKED DATE 1/2/2008 BY	PARISH FEDERAL PROJECT	PLAQUE/STATION 838-03-0023	SHEET NO. 2
	CROSS SECTIONS								



GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 343.5 CUBIC YARDS

132+00



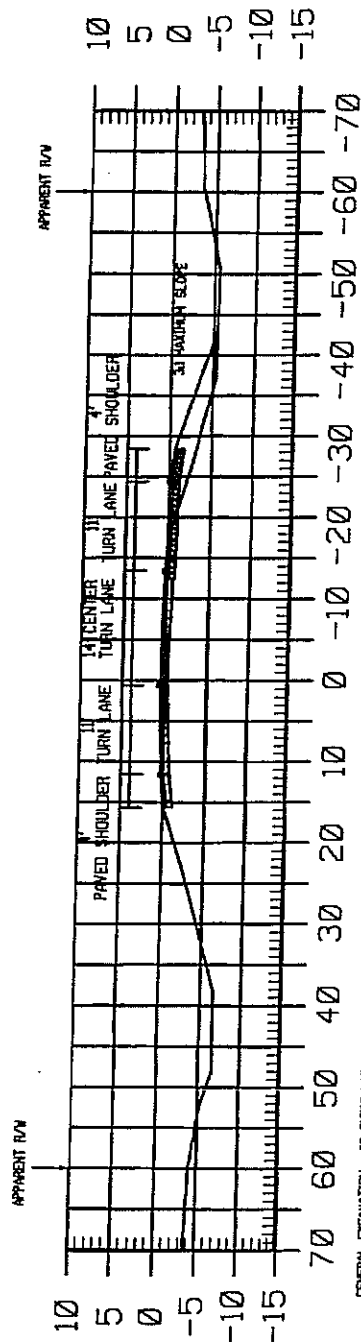
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 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 343.5 CUBIC YARDS

133+00

NTS

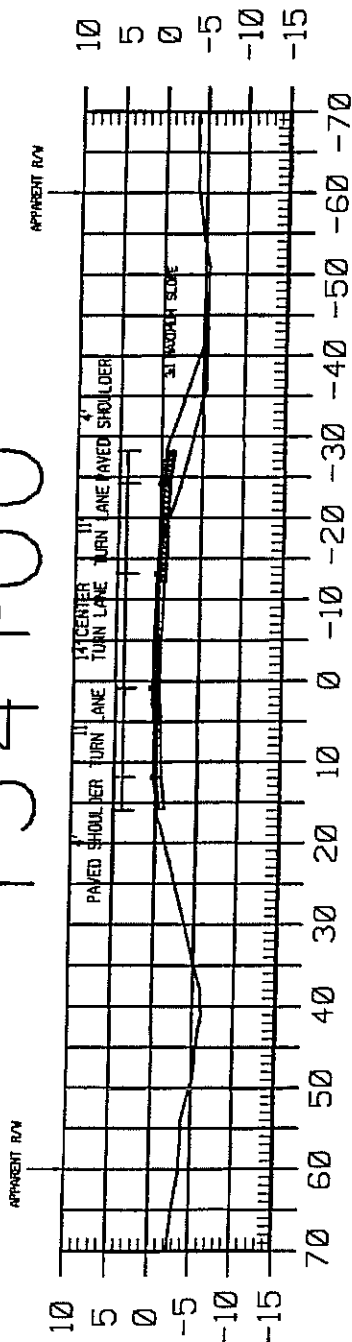
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	CHECKED	AM		FEDERAL	PROJECT	2		
CROSS SECTIONS				DATE	11/18/2008	STATE	8530-03-0023	2
REVISION DESCRIPTION				BY	BT	PROJECT		2

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GENERAL EXCAVATION = 89 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMPLOYMENT = 386 CUBIC YARDS

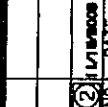
134+00



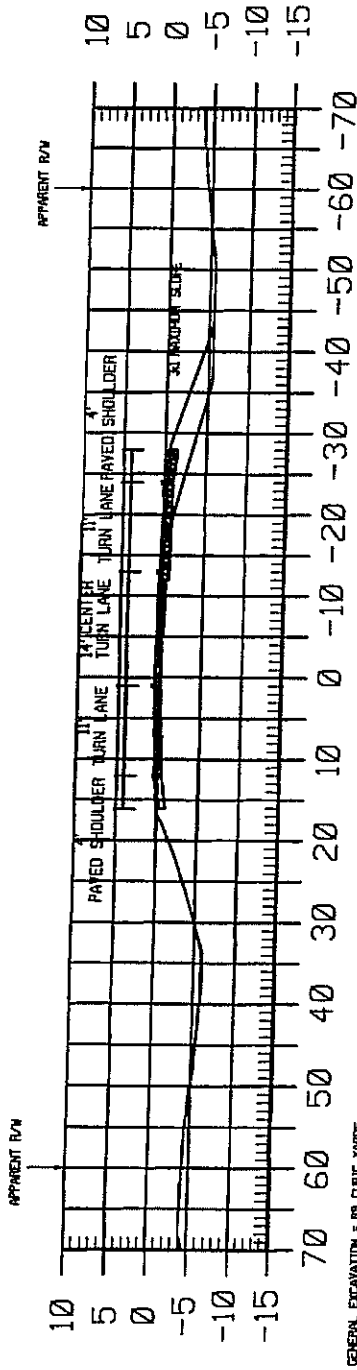
GENERAL EXCAVATION = 89 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMPLOYMENT = 386 CUBIC YARDS

135+00

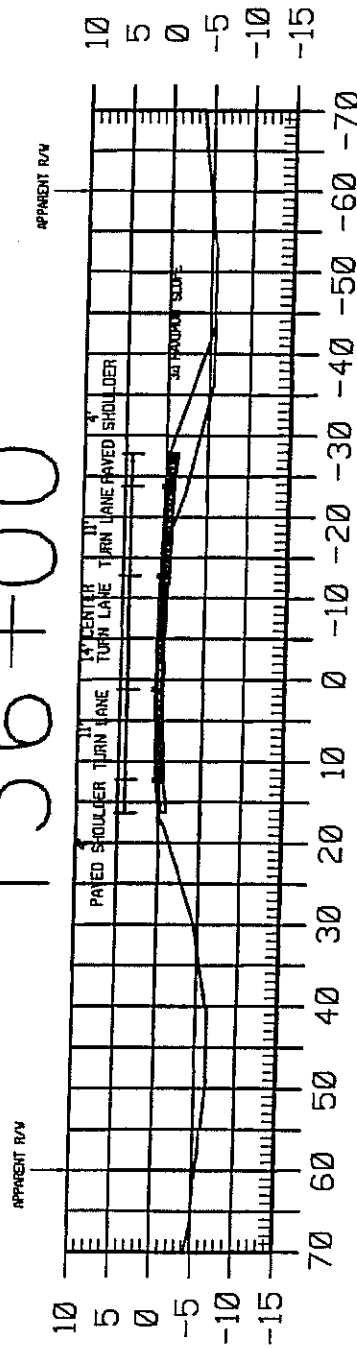
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						DESIGNED CHECKED DATE		PARISH FEDERAL PROJECT		PLANNED PROJECT		SHEET NO.	
DISTRICT 12 DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE 1		CROSS SECTIONS		NO. DATE		REVISION DESCRIPTION		DATE		BY SHEET	
						2		1/18/08		638-03-0023		5	

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136+00

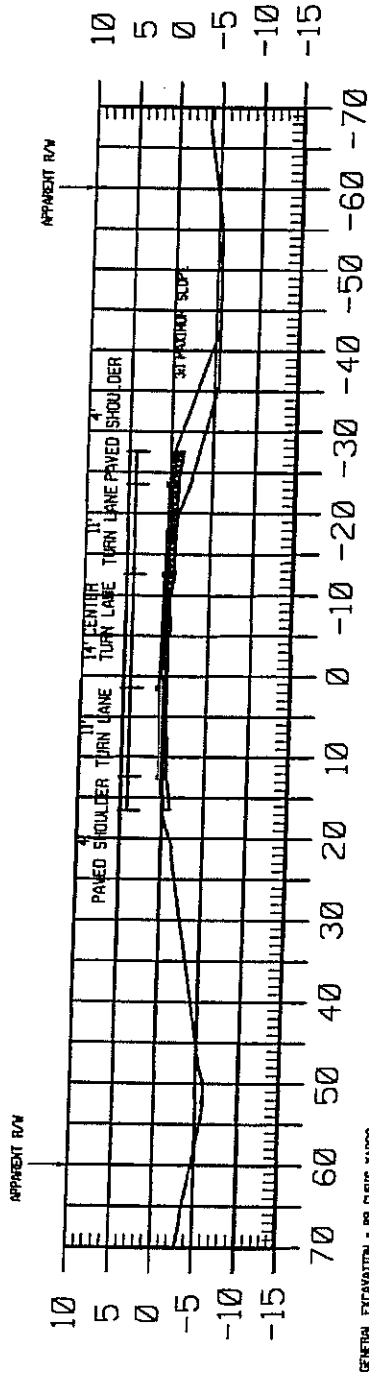


137+00

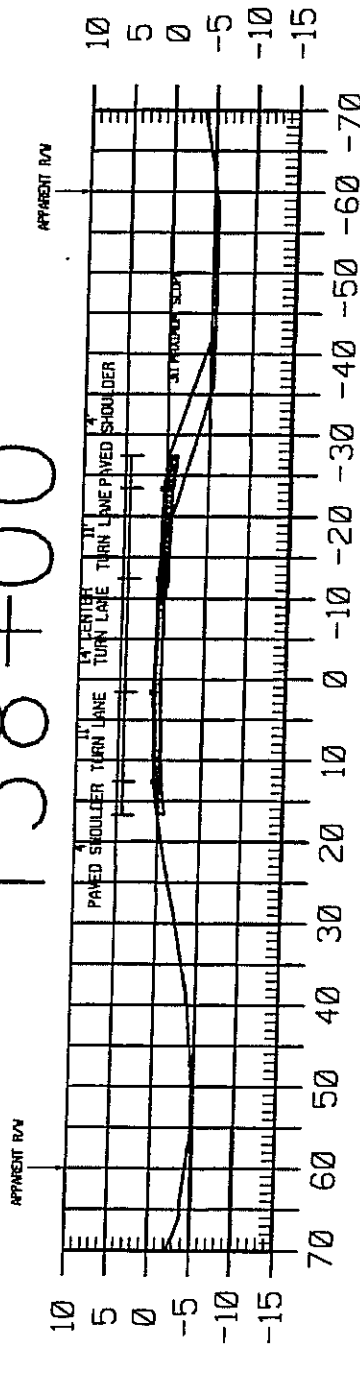
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DISTRICT 2 DESIGN		WOODLAND HWY. IMPROVEMENTS LA 23 TO PLANTERS CANAL - PHASE I		SHEET NO. 2	
CROSS SECTIONS		REVISION DESCRIPTION		PLACEMENTS	
NO. DATE		DESIGNED CHECKED DATE		PARISH FEDERAL PROJECT	
REVISED PAGE NUMBER		DATE		STATE PROJECT	
BY SHEET		BY SHEET		838-03-0023	

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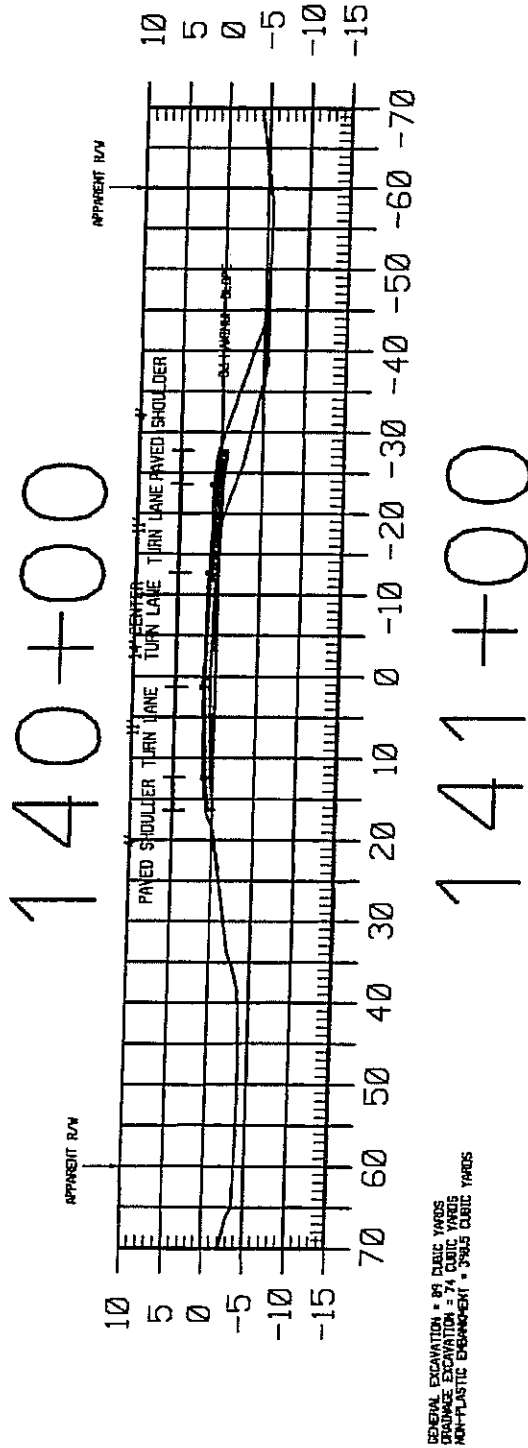
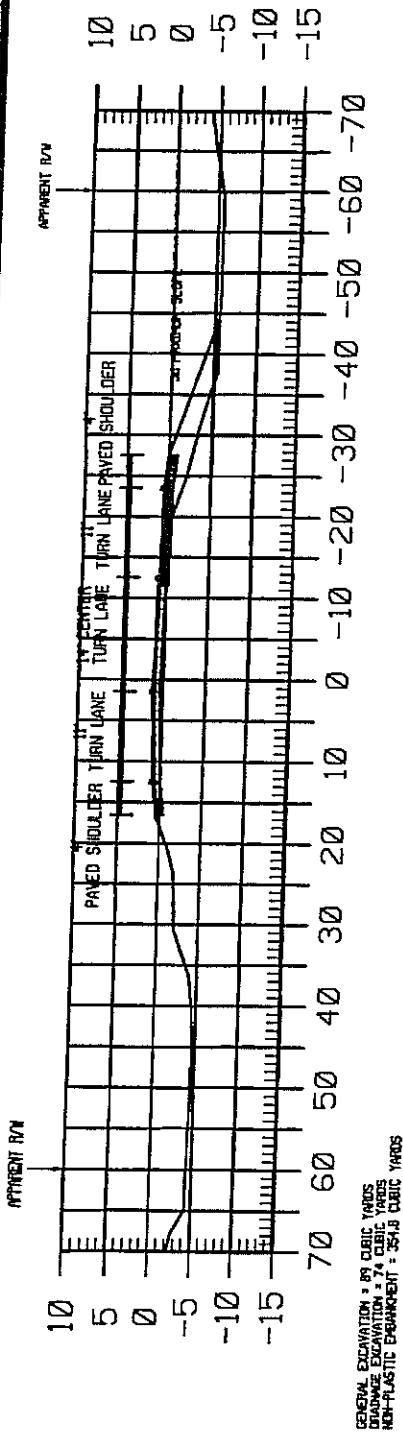
138+00



139+00

NTS

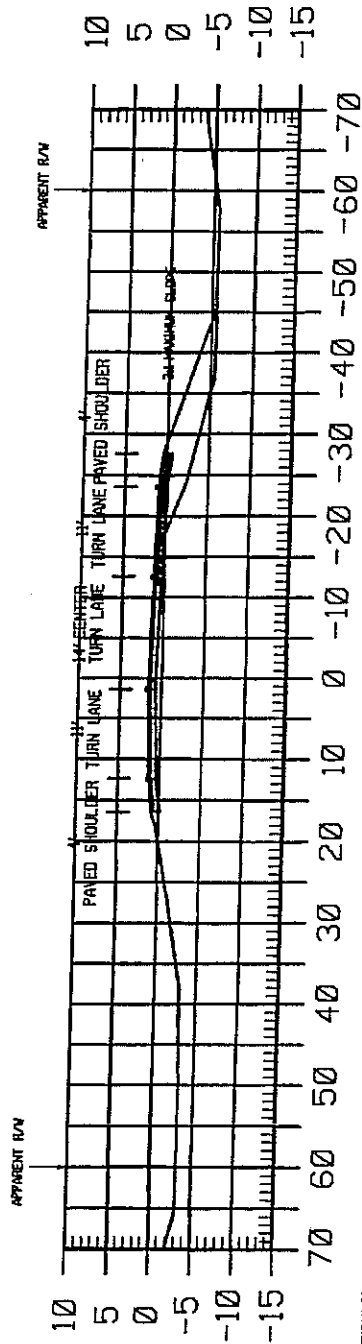
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NO. 2		DATE 11/13/08		REVISION NAME NUMBER		BY SHEET	
DESIGNED		CHECKED		PARISH		PLAQUE NUMBER	
DATE 11/13/08		DATE 11/13/08		FEDERAL PROJECT		STATE PROJECT	
NO. 2		DATE 11/13/08		FEDERAL PROJECT		STATE PROJECT	
NO. 2		DATE 11/13/08		FEDERAL PROJECT		STATE PROJECT	



NTS

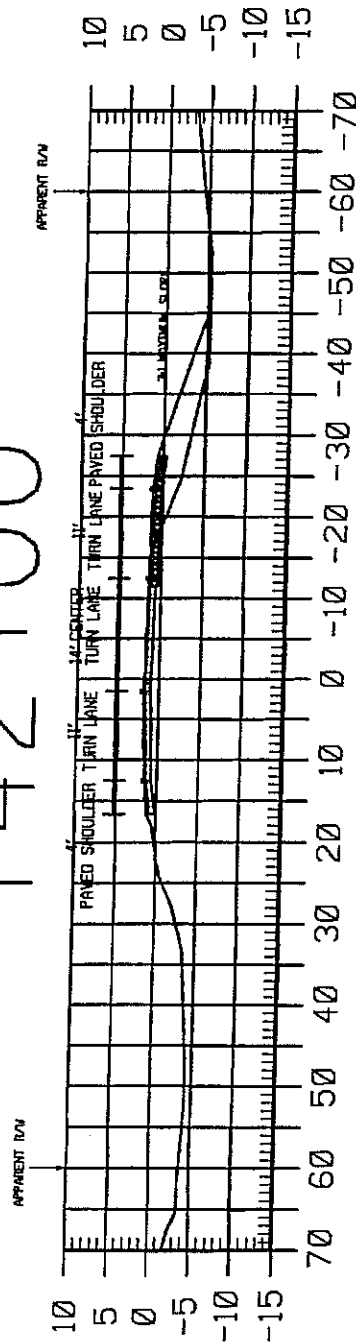
DISTRICT OR DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		CROSS SECTIONS		SHEET NO. 8	
DESIGNED		CHECKED		PARISH		PLAQUEMINES	
DATE		DATE		FEDERAL PROJECT		STATE PROJECT	
BY		BY		DATE		DATE	
REVISION		REVISION		REVISION		REVISION	
NO.		DATE		REVISION DESCRIPTION		BY	
1		11/18/2008		REVISION		838-03-0023	
2		11/18/2008		REVISION		838-03-0023	

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GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 442.8 CUBIC YARDS

142+00

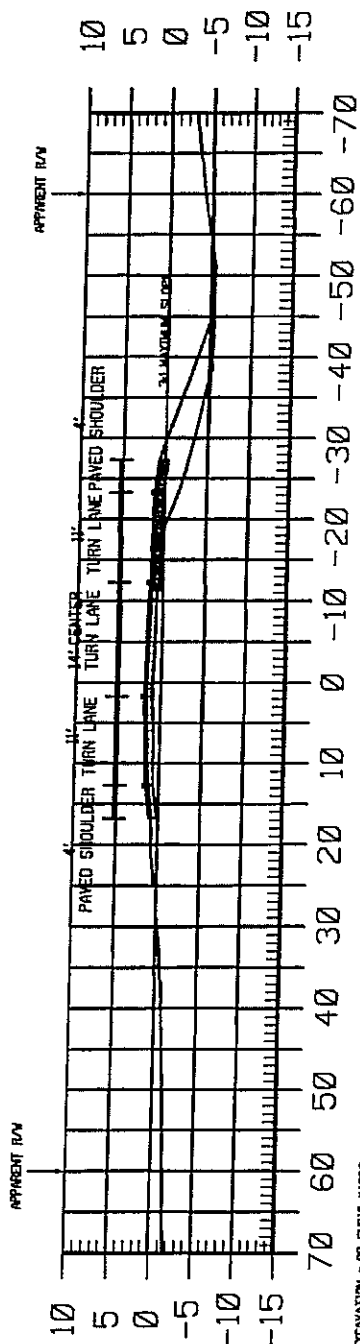


GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 422.1 CUBIC YARDS

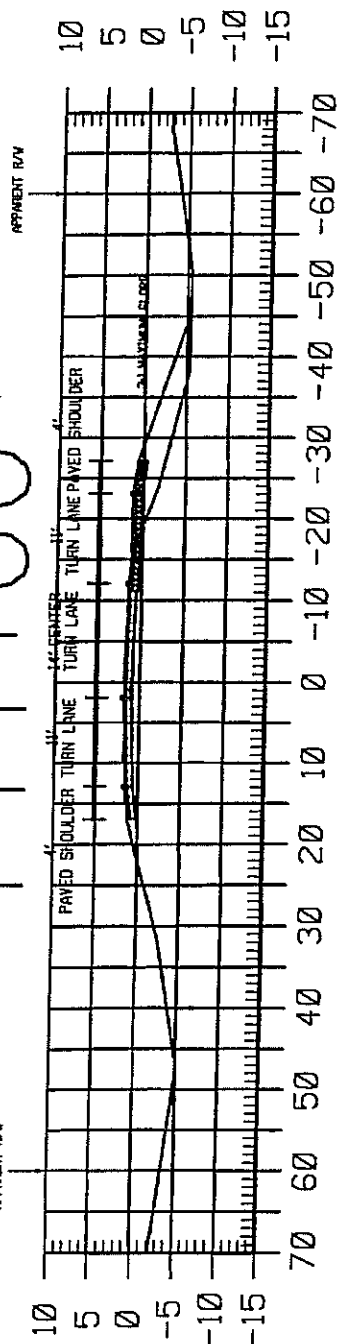
143+00

NTS

DISTRICT OR DESIGN		WOODLAND HWY. IMPROVEMENTS LA 23 TO PLANTERS CANAL - PHASE I		CROSS SECTIONS		SHEET NO. 8	
				DESIGNED ☒ CM CHECKED ☒ JM DETAILED ☒ CM CHECKED ☒ JM		PARISH FEDERAL PROJECT STATE PROJECT	
INC. DATE 11/14/2008		REVISION PAGE NUMBER 2		DATE 11/14/2008		BY JLM	
REVISION DESCRIPTION 1		PROJECT 838-03-0023		SHEET 8		2	



GENERAL EXCAVATION = 69 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMBAIMENT = 419.9 CUBIC YARDS

$$14400$$


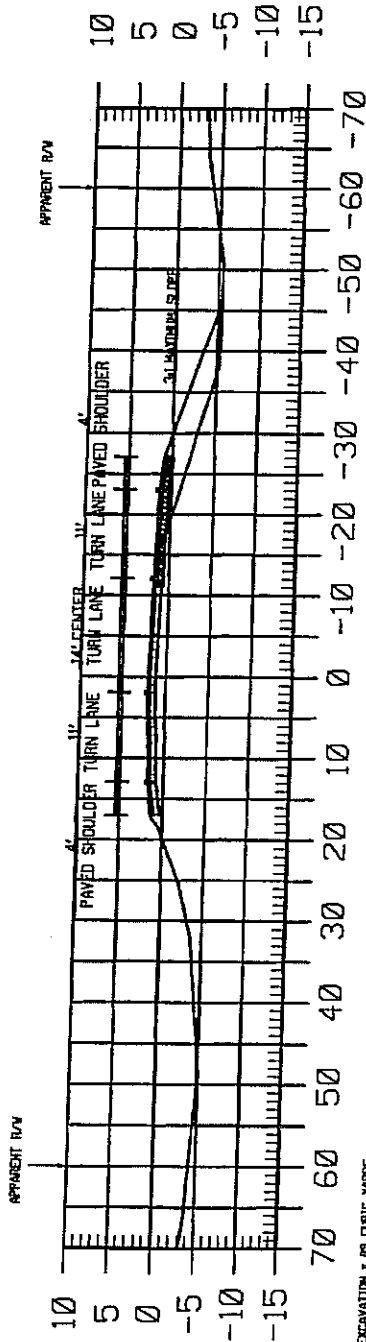
GENERAL EXCAVATION = 64 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMENDMENT = 412.9 CUBIC YARDS

$$145 + 00$$

STN

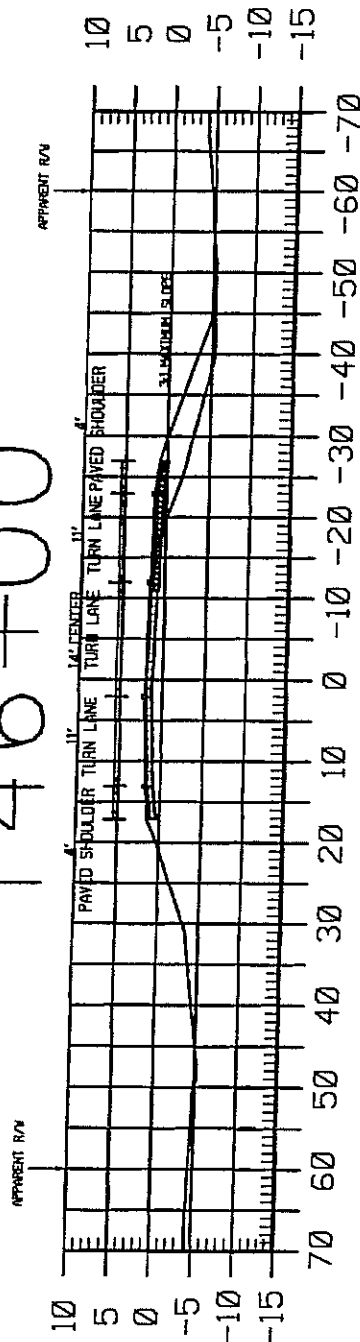
	WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I			NO. 1	DATE: 11/15/2008	REVISION PAGE NUMBER: 2	DESIGNED CHECKED	DMS JMM	PARISH	PLACEMENTS	SHEET NO. 2
	CROSS SECTIONS			NO. 2	DATE: 11/15/2008	REVISION PAGE NUMBER: 2	DETAILED CHECKED	DMS JMM	FEDERAL PROJECT	STATE PROJECT	558-05-0023

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GENERAL EXCAVATION = 65 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EXCAVATION = 4133 CUBIC YARDS

146+00

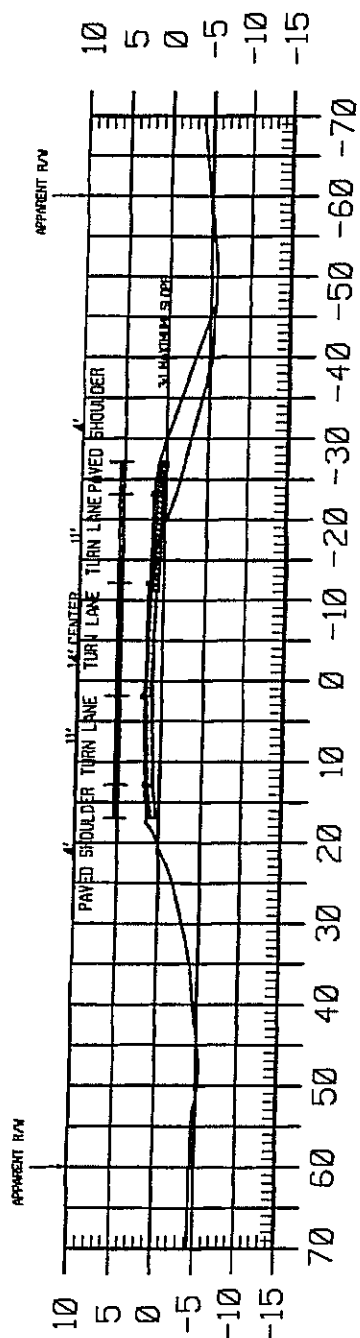


GENERAL EXCAVATION = 65 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EXCAVATION = 4133 CUBIC YARDS

147+00

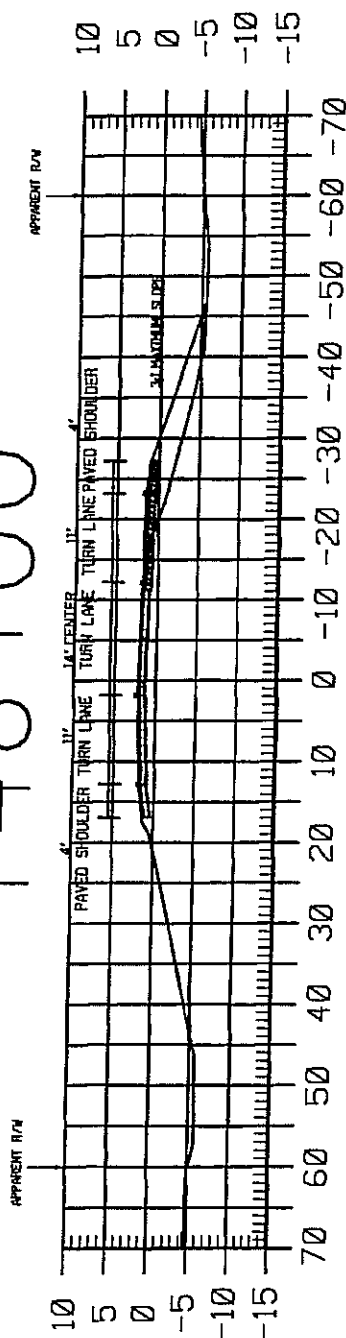
NTS

DISTRICT 02 DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		SHEET NO. 8	
CROSS SECTIONS		REVISION DESCRIPTION		PLACEMENTS	
NO. 2		DATE 12/18/08		PARISH PLACEMENTS	
DATE 12/18/08		REVISION DESCRIPTION		FEDERAL PROJECT	
DATE 12/18/08		REVISION DESCRIPTION		STATE PROJECT	
DATE 12/18/08		REVISION DESCRIPTION		PROJECT	
DATE 12/18/08		REVISION DESCRIPTION		PROJECT	



GENERAL EXCAVATION = 65 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMBANKMENT = 411.1 CUBIC YARDS

148+00

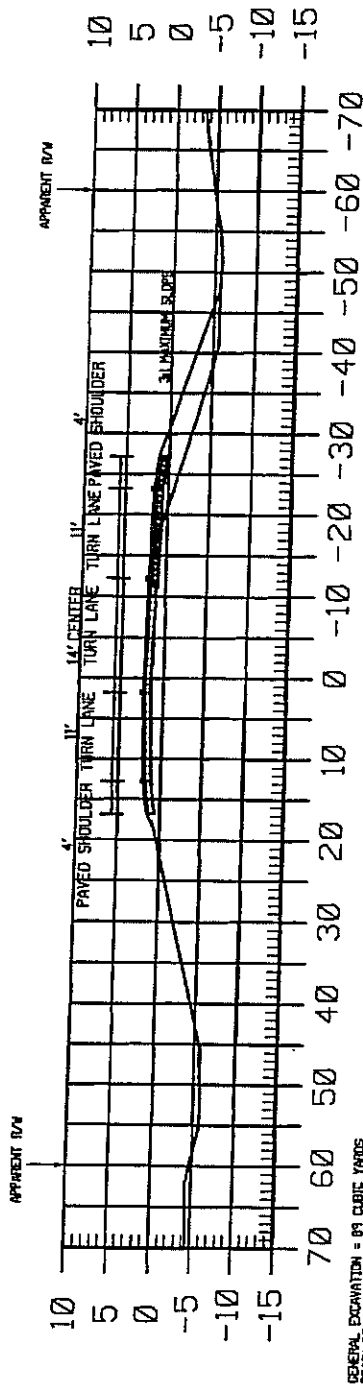


GENERAL EXCAVATION = 65 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMBANKMENT = 161.3 CUBIC YARDS

149+00

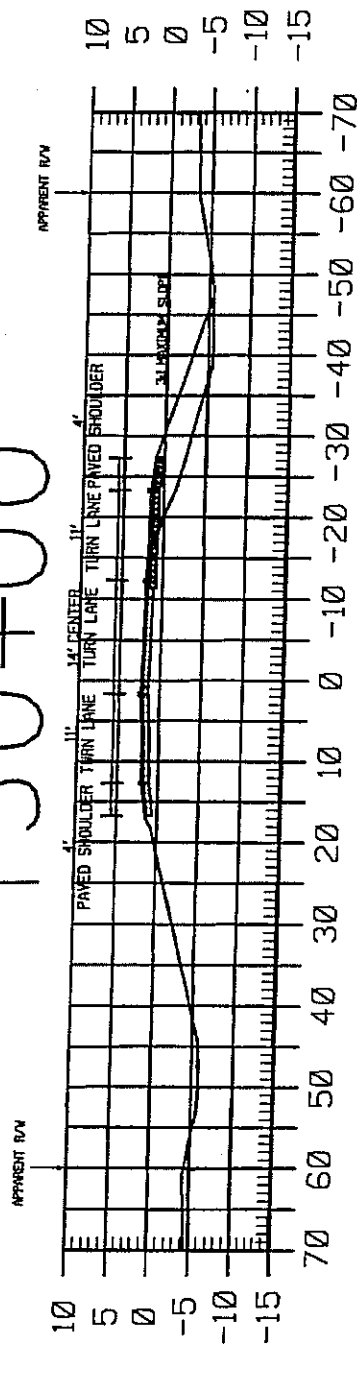
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	WOODLAND HWY. IMPROVEMENTS (LA 25 TO PLANTERS CANAL) - PHASE I			DESIGNED	PARISH	PLANNING	SHEET NO.
	CROSS SECTIONS			CHECKED	FEDERAL PROJECT	62	
NO. 11/15/08 DATE NO. 11/15/08 DATE		REVISION DESCRIPTION		CHECKED DATE 11/15/08 BY	PROJECT 838-03-0023	SHEET NO. 62	2



GENERAL EXCAVATION - 89 CUBIC YARDS
DRAINAGE EXCAVATION - 57 CUBIC YARDS
NON-PLASTIC EMBANKMENT - 43.8 CUBIC YARDS

150+00



GENERAL EXCAVATION - 89 CUBIC YARDS
DRAINAGE EXCAVATION - 57 CUBIC YARDS
NON-PLASTIC EMBANKMENT - 43.8 CUBIC YARDS

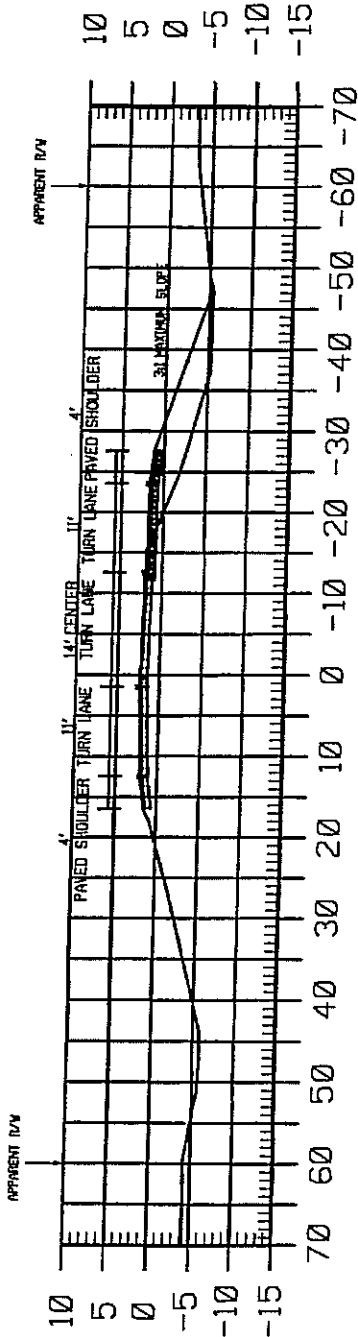
151+00

NTS

DISTRICT 2 DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		SHEET NO. 61	
CROSS SECTIONS		REVISION DESCRIPTION		STATE PROJECT 838-03-0023	
NO. DATE		REVISED PAGE NUMBER		DATE 11/19/2008	
BY		DESIGNED		PARISH	
BY		CHECKED		FEDERAL PROJECT	
BY		DETAILED		STATE PROJECT	
BY		DATE		SHEET 61	

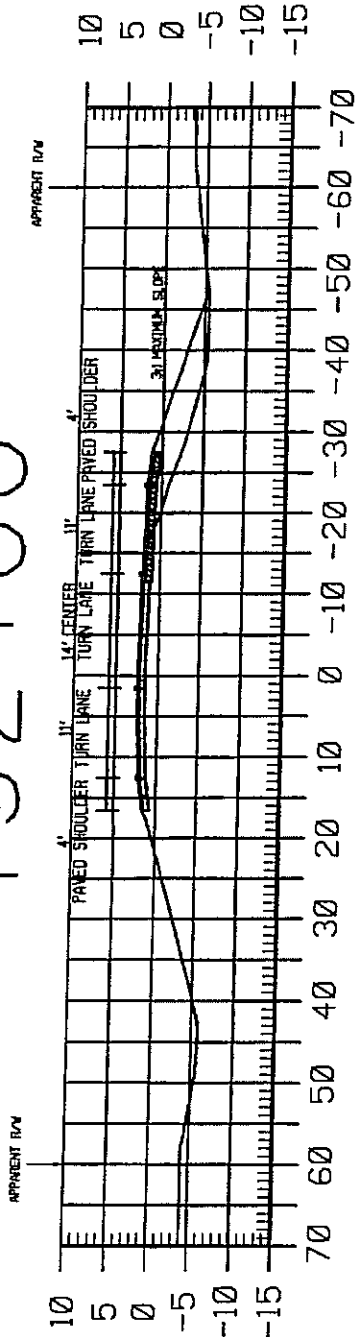
25-NOV-2008 14:09

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GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 4871 CUBIC YARDS

152+00



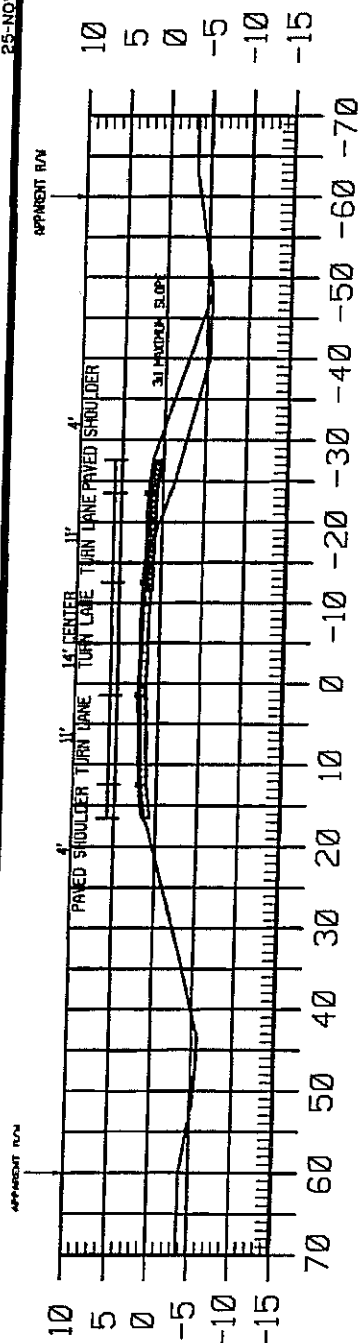
GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMMENT = 4871 CUBIC YARDS

153+00

NTS

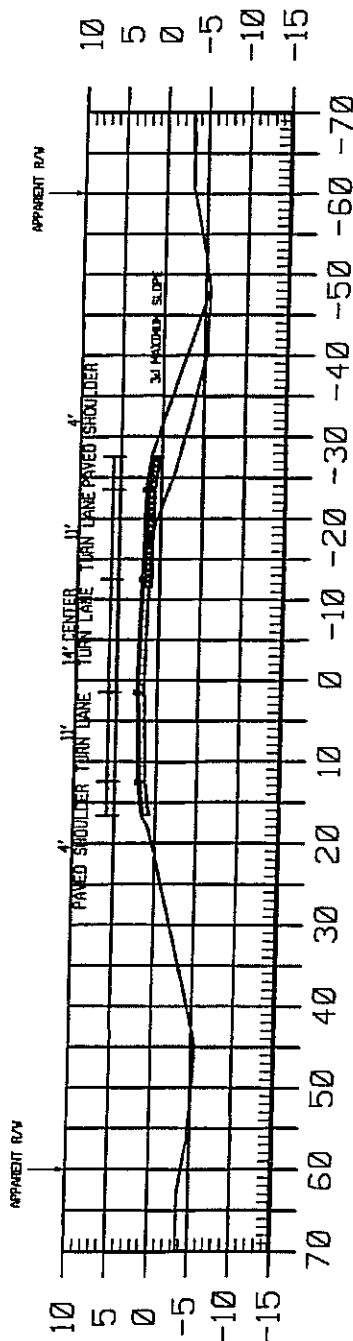
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CROSS SECTIONS		REVISION DESCRIPTION		DESIGNED CHECKED J.M.		PLANNED CHECKED J.M.	
NO. DATE		REVISION NO. DATE		PARISH FEDERAL PROJECT		STATE PROJECT	
BY SHEET		DATE		8/2008		838-03-0023	

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GENERAL EXCAVATION = 85 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMBAIMENT = 447.5 CUBIC YARDS

154+00

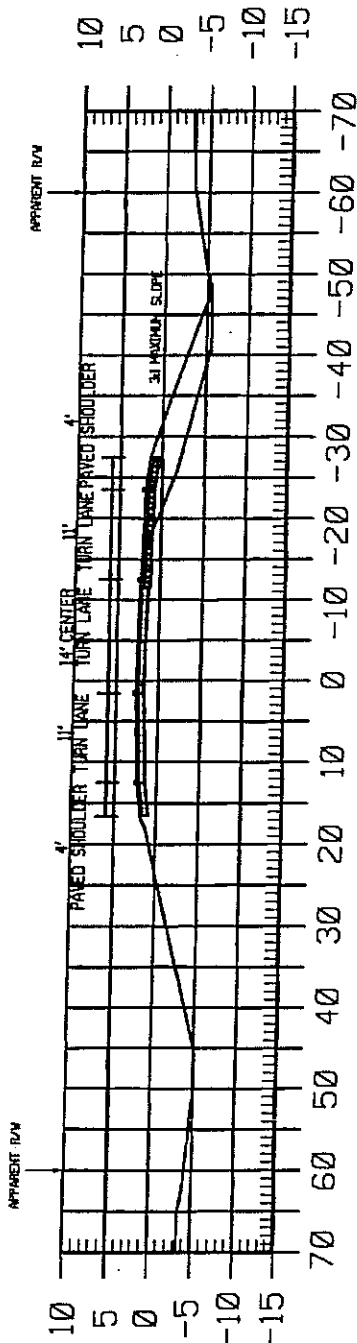


GENERAL EXCAVATION = 85 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMBAIMENT = 447.5 CUBIC YARDS

155+00

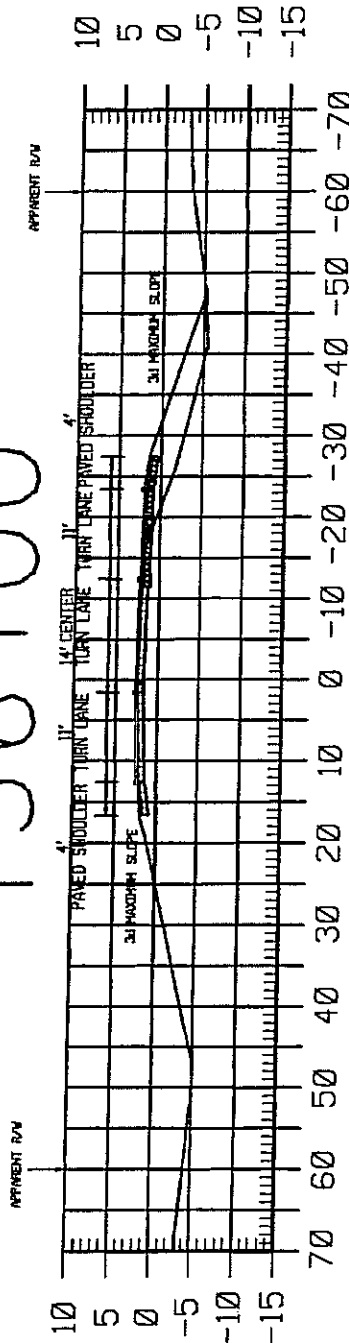
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		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I				SHEET NO. 2	
DISTRICT OR DESIGN		CROSS SECTIONS		NO. DATE		REVISION DESCRIPTION	
DESIGNED CHECKED DETAILED		DATE BY		PARISH FEDERAL PROJECT		PLACEMENTS	
25-NOV-2008		12-03-08		STATE PROJECT		938-03-0023	



GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMPLOYMENT = 4653 CUBIC YARDS

156+00

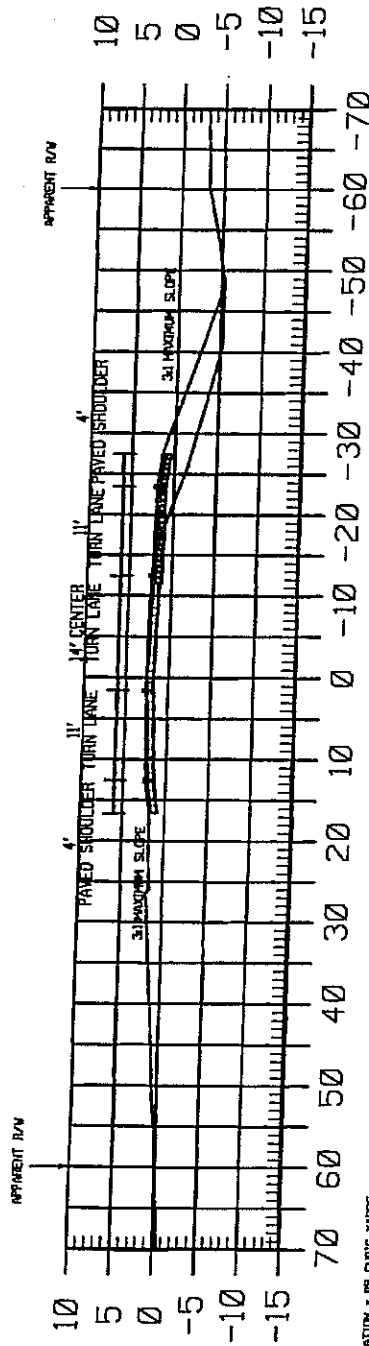


GENERAL EXCAVATION = 89 CUBIC YARDS
 DRAINAGE EXCAVATION = 74 CUBIC YARDS
 NON-PLASTIC EMPLOYMENT = 4653 CUBIC YARDS

157+00

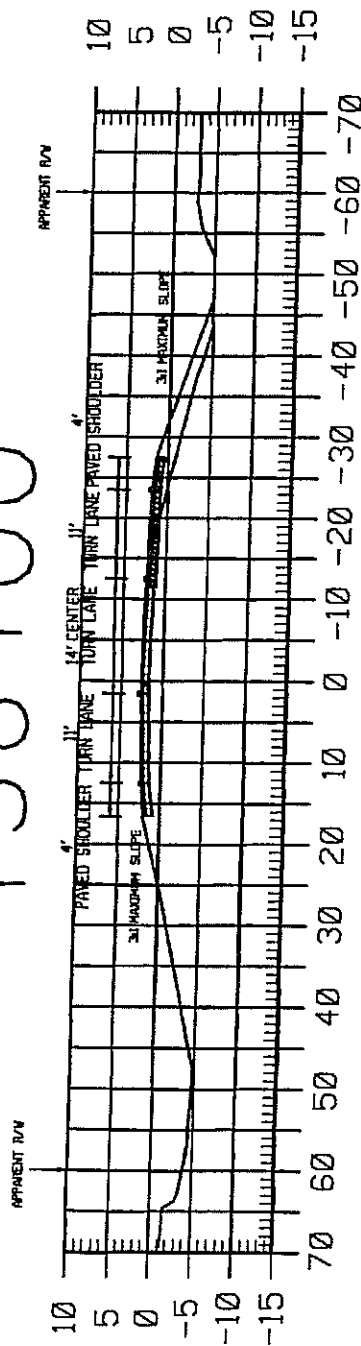
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		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CAVAL) - PHASE I				DESIGNED CHECKED DETAILED CHECKED DATE BY SHEET		PARISH FEDERAL PROJECT STATE PROJECT		PLACEMEN SHEET NO.	
DISTRICT 2 DESIGN		CROSS SECTIONS		NO. 2 DATE 11/19/2008 REVISION PAGE NUMBER REVISION DESCRIPTION		838-03-0023 2		838-03-0023 2		838-03-0023 2	



GENERAL EXCAVATION = 85 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMMENT = 1564 CUBIC YARDS

158+00



GENERAL EXCAVATION = 85 CUBIC YARDS
DRAINAGE EXCAVATION = 74 CUBIC YARDS
NON-PLASTIC EMMENT = 1564 CUBIC YARDS

159+00

NTS

	WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		DESIGNED	CMP	PARISH	PLANNING	SHEET NO. 2
			CHECKED	MM	FEDERAL PROJECT		
CROSS SECTIONS			DATE	12/03/08	BY	MM	STATE PROJECT
REVISION DESCRIPTION			NO.	2	DATE	12/03/08	PROJECT

25-NOV-2008 13:57

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②

SUMMARY OF EXCAVATION AND EMBANKMENT

STATION •	GENERAL EXCAVATION (CUBIC YARD)	DRAINAGE EXCAVATION (CUBIC YARD)	NON-PLASTIC EMBANKMENT (CUBIC YARD)
100+00	89	74	0
101+00	89	74	0
102+00	89	74	25
103+00	89	74	50
112+00	89	74	427.3
113+00	89	74	400.5
114+00	89	74	429.3
115+00	89	74	384.9
116+00	89	74	411.1
117+00	89	74	454.4
118+00	89	74	404.2
119+00	89	74	386.7
120+00	89	74	369.9
121+00	89	74	339.2
122+00	89	74	341.5
123+00	89	74	115.7
124+00	89	74	344.3
125+00	89	74	297.5
126+00	89	74	337.2
127+00	89	74	353.5
128+00	89	74	389.1
129+00	89	74	414
130+00	89	74	439.6
131+00	89	74	393.2
132+00	89	74	360.6
133+00	89	74	343.6
134+00	89	74	308.6
135+00	89	74	343.2
136+00	89	74	349.1
137+00	89	74	377.2
138+00	89	74	355.2
139+00	89	74	339.9
140+00	89	74	354.8
141+00	89	74	398.5
142+00	89	74	442
143+00	89	74	422.1
144+00	89	74	419.9
145+00	89	74	410
146+00	89	74	413.2
147+00	89	74	409
148+00	89	74	411.9
149+00	89	74	404
150+00	89	74	431.8
151+00	89	74	460.9
152+00	89	74	489.1
153+00	89	74	465.8
154+00	89	74	447.6
155+00	89	74	451.8
156+00	89	74	465.6
157+00	89	74	459
158+00	89	74	450.1
159+00	89	74	624.8
***	689	677	1882.6
TOTAL	5317	4525	21000

*** ADDITIONAL QUANTITY TO BE USED AS DIRECTED BY PROJECT ENGINEER

SHEET
NO. 8

FLA 23 TO PLANTERS CANAL - PHASE I

PARISH FEDERAL PROJECT STATE PROJECT

DESIGNED MM CHECKED MM

DETAILED MM CHECKED MM

DATE 11/18/2008 BY SHEET

MAJOR REVISION DESCRIPTION

REVISED SHEET AND PAGE NUMBER

DATE 11/18/2008

DATE 11/18/2008

DATE 11/18/2008

DATE 11/18/2008

DATE 11/18/2008

DATE 11/18/2008

DATE 11/18/2008

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DATE 11/18/2008

DATE 11/18/2008

DATE 11/18/2008

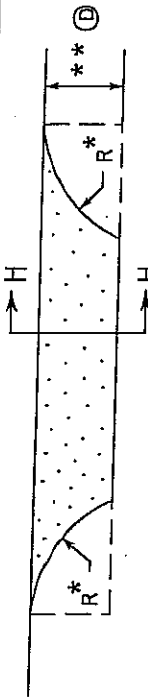
DATE 11/18/2008

DATE 11/18/2008

DATE 11/18/2008

DATE 11/18/2008

DATE 11/18/2008

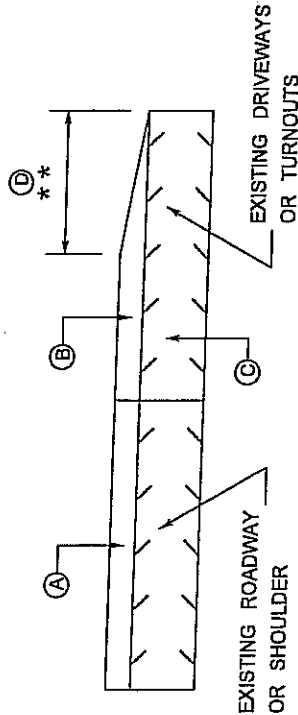


DRIVEWAY OR TURNOUT DETAIL (ITEM 502-01-A).

DETAIL OF APRON AT TURNOUT (TYPICAL)

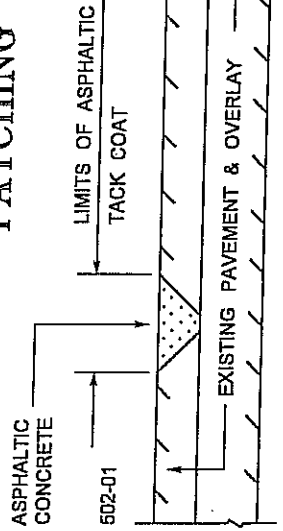
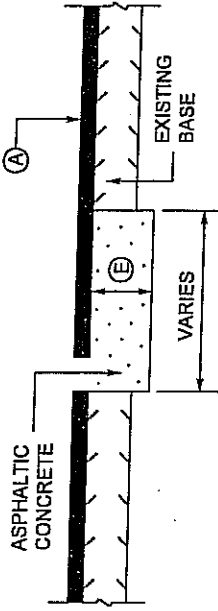
* MATCH EXISTING RADIUS

** TO BE DETERMINED IN FIELD BY PROJECT ENGINEER.



SECTION H-H

PATCHING DETAIL

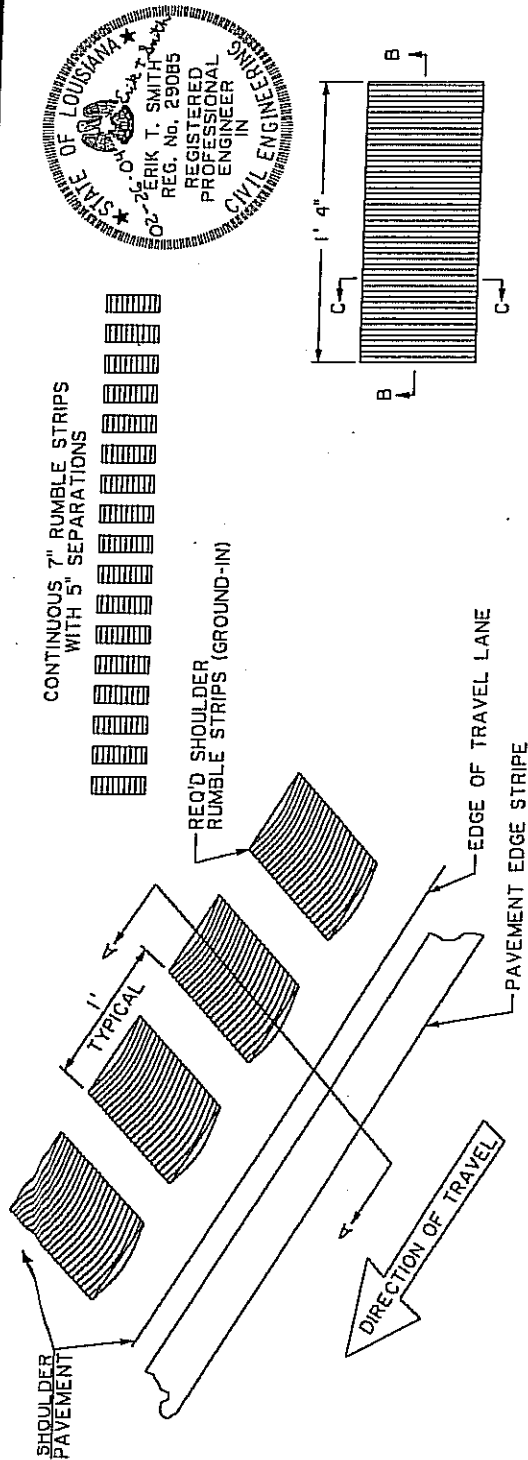


JOINT REPAIR DETAIL

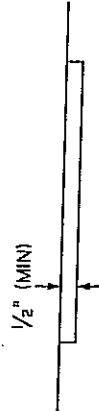
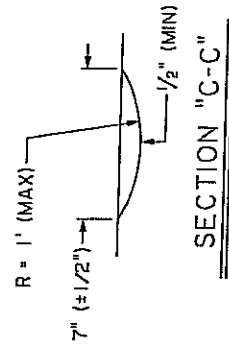
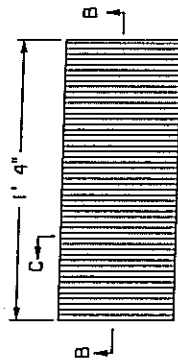
- (A) ASPHALTIC CONCRETE (COURSES AND TYPES AS SHOWN ON TYPICAL SECTION).
- (B) ASPHALTIC CONCRETE, PAY AS 502-01, CONTRACTORS OPTIONS ARE:
 - 1. MATCH ROADWAY TYPICAL SECTION.
- (C) EXISTING PAVED DRIVEWAY OR TURNOUT TO REMAIN UNLESS EXISTING MATERIAL IS AGGREGATE. REPLACE AGGREGATE DRIVEWAY WITH 3.0" ASPHALTIC CONCRETE. TOTAL MINIMUM THICKNESS OF NEW PAVED DRIVEWAY OR TURNOUT INCLUDING OVERLAY MATERIAL IS 3.0".
- (D) AS DETERMINED BY THE PROJECT ENGINEER.
- (E) 12" MIN. (PATCHING SHALL EXTEND TO BOTTOM OF EXISTING BASE) (ROADWAY).
6" MIN. (PATCHING SHALL EXTEND TO BOTTOM OF EXISTING BASE) (SHOULDER).

NOTE: USE DETAILS APPLICABLE TO THIS PROJECT

	DISTRICT 02 DESIGN	WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE 1		NO. DATE		REVISION DESCRIPTION	BY	SHEET 7	SHEET NO. 7	
								DESIGNED CHECKED JRM	PARISH	PLACEMINES
								DETAILED CHECKED JRM	FEDERAL PROJECT	
								DATE 9/2008	STATE PROJECT	838-03-0023



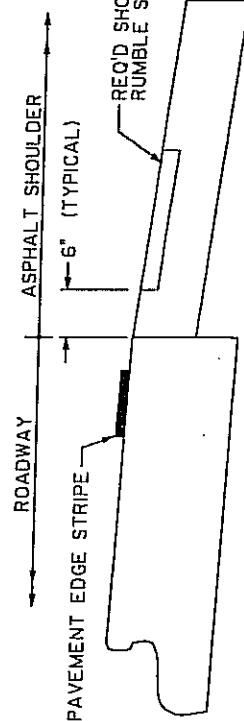
PLAN VIEW



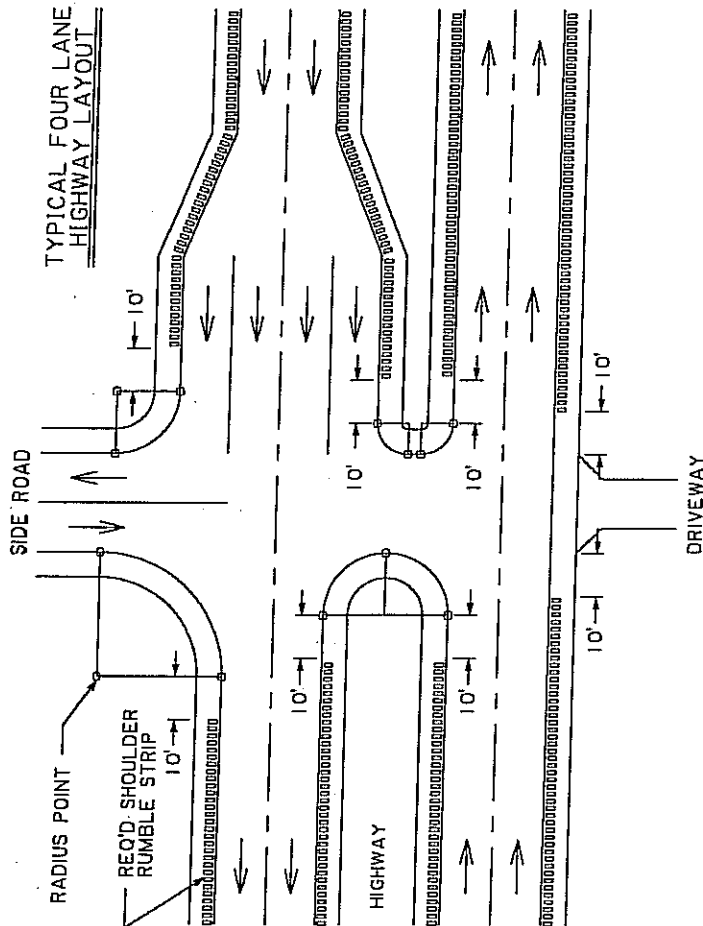
- NOTES:
1. SHOULDER RUMBLE STRIPS (GROUND-IN) SHALL BE GROUND INTO THE HMAC SHOULDER IN A MANNER APPROVED BY THE PROJECT ENGINEER.
 2. SEE SUMMARY OF ESTIMATED QUANTITIES FOR PAY ITEM.
 3. SEE TYPICAL SECTIONS AND DETAILS FOR INFORMATION ON PAVEMENT AND SHOULDER.
 4. DETAIL NOT TO SCALE.

DETAIL FOR SHOULDER RUMBLE STRIPS (GROUND-IN)
(SHEET 1 of 2)

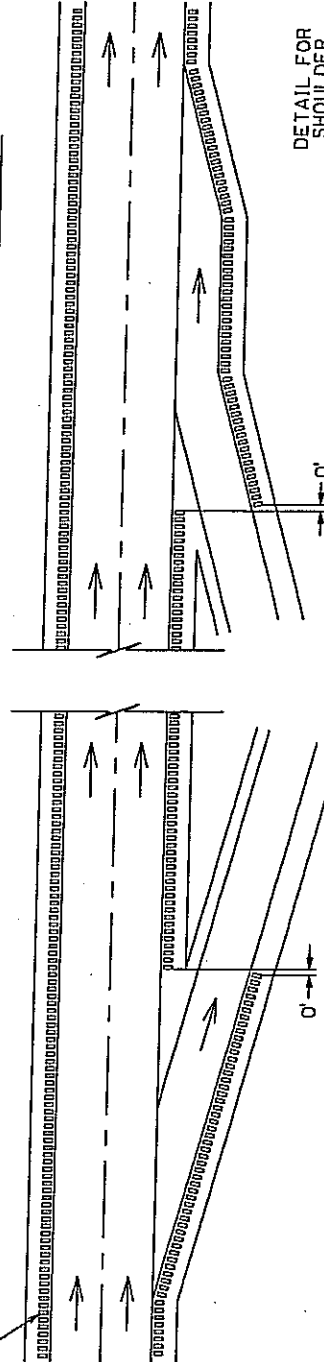
SECTION "A-A"



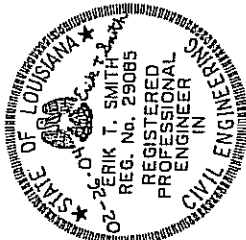
DISTRICT 02 DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		RUMBLE STRIPS DETAIL SHEET		SHEET NO. 7a	
DESIGNED	CAR	PARISH	FLAQUEMINES	DATE	9/2008	STATE PROJECT	838-03-0023
CHECKED	JRM	FEDERAL PROJECT		BY	7a		
REVISION DESCRIPTION							



TYPICAL INTERSTATE LAYOUT

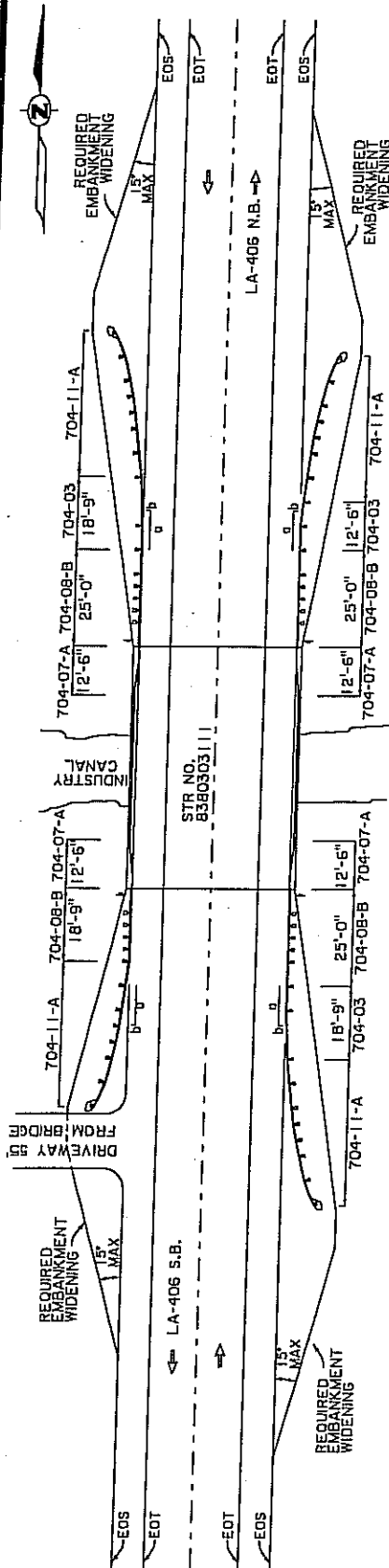


DETAIL FOR
SHOULDER
RUMBLE STRIPS
(LAYOUT)
(SHEET 2 of 2)



- NOTES:**
1. SHOULDER RUMBLE STRIPS SHALL BE INSTALLED IN A MANNER APPROVED BY THE PROJECT ENGINEER.
 2. SHOULDER RUMBLE STRIPS SHALL REMAIN PERPENDICULAR TO EDGE OF TRAVEL LANE AT ALL TIMES.
 3. LOCATION AND LAYOUT OF SHOULDER RUMBLE STRIPS MAY BE ADJUSTED BY THE PROJECT ENGINEER.
 4. DETAIL NOT TO SCALE.

DISTRICT 02 DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) - PHASE I		RUMBLE STRIPS DETAIL SHEETS				NO. DATE REVISION DESCRIPTION		DESIGNED CHECKED DATED BY SHEET		CMG JFM 9/2008 7b		PLAQUEMINES FEDERAL PROJECT STATE PROJECT 838-03-0023		SHEET NO. 7b	
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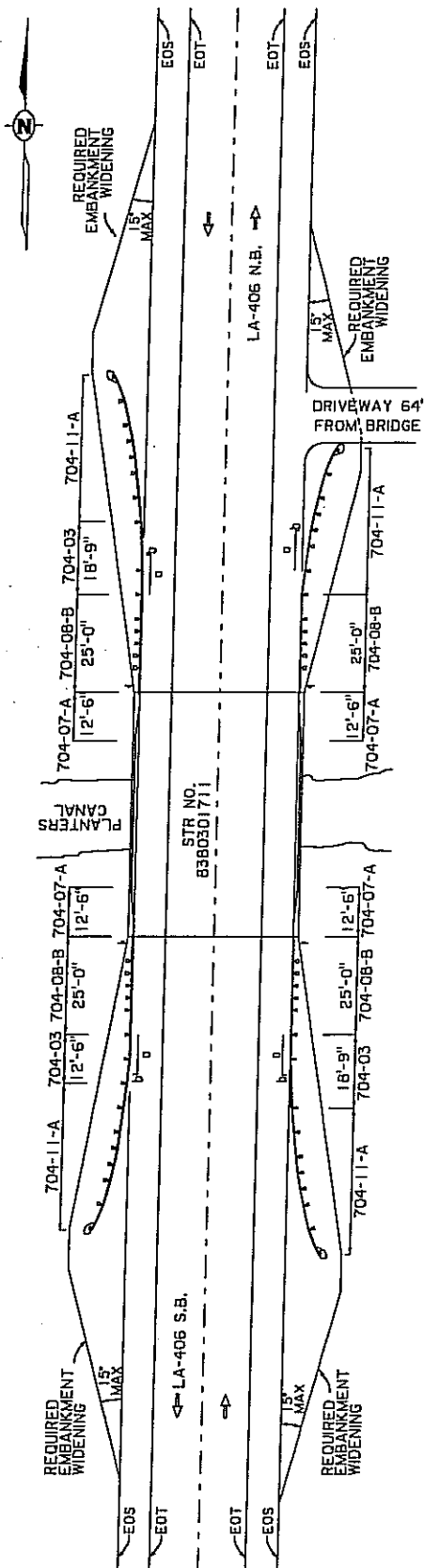
NOTES:

1. REQUIRED EMBANKMENT WIDENING SHALL HAVE AN ASPHALTIC CONCRETE OVERLAY 4 INCHES THICK AND EMBANKMENT SHALL PROVIDE SLOPES NO STEEPER THAN 10:1.
2. GUARD RAIL ON NORTHBOND APPROACH LEFT SIDE IS A DESIGN EXCEPTION. INSTALL END TREATMENT WITH MANUFACTURERS REQUIRED END FLARE.
3. FOR INSTALLATION OF ITEM 704-07-A TO BRIDGE SEE "NEW JERSEY BARRIER RAIL RETROFIT" DETAIL IN THE BACK OF THESE PLANS.
4. FOR ADDITIONAL GUARD RAIL INFORMATION SEE STANDARD PLAN GR-200.

OBJECT MARKER ASSEMBLY
EOT=EDGE OF TRAVEL
EOS=EDGE OF SHOULDER

GUARDRAIL DESIGN CRITERIA													
ROUTE	HWY. CLASS		[2]		ADT		LC		LR		A:B		
LA-406	URBAN ARTERIAL				9300		22		360		12:1		
GUARDRAIL LAYOUT REQUIREMENTS (ft), AND QUANTITIES													
STRUC. No.	SIDE		L2	X	Y	Z	202-02-H	502-01-A	704-03	704-07-A	704-08-B	704-11-A	729-16-C
8380303111	N.B. APPROACH RT.		8	68.75	9.9	19.9	103	28.0	18.75	12.5	25.00		
8380303111	N.B. APPROACH LT.		20	n/a	n/a	n/a	66	22.0	0.00	12.5	18.75		
8380303111	S.B. APPROACH RT		8	68.75	9.9	19.9	103	28.0	18.75	12.5	25.00		
8380303111	S.B. APPROACH LT.		20	62.5	11	21	78	22.0	12.50	12.5	25.00		
TOTALS					350		100.0		50.0	50.0	93.8	4	4

WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) PHASE I		GUARD RAIL DETAILS		WOODLAND HWY. IMPROVEMENTS	
DISTRICT 8 DESIGN		NO. 1 DATE: 09/20/08 REVISION DESCRIPTION: 2 WIDENING RAISED TABLE		PARISH: PLaquemines FEDERAL PROJECT: 838-03-0023 STATE PROJECT: 838-03-0023	
SHEET NO. 70		DATE: 09/20/08 BY: [Signature]		PROJECT: 838-03-0023	



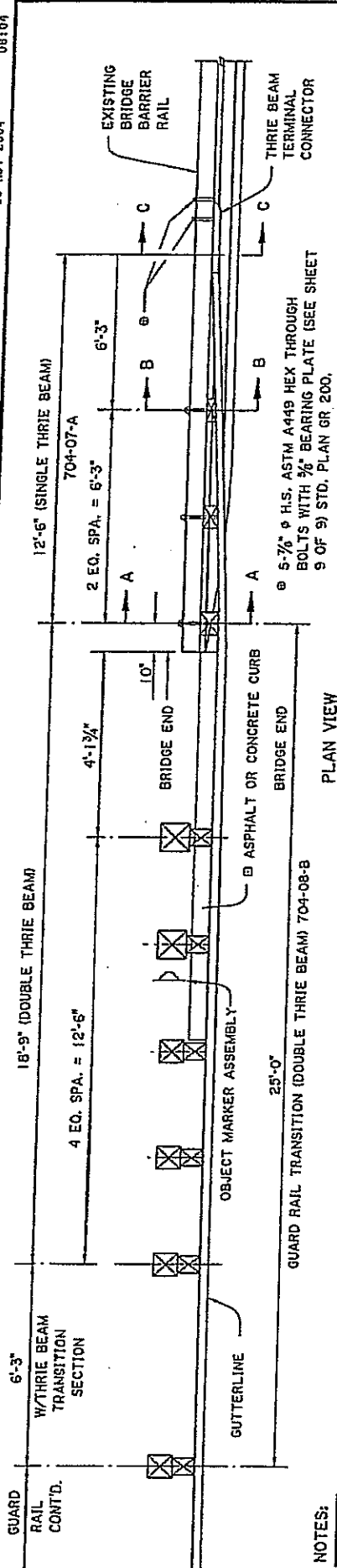
NOTES:

1. REQUIRED EMBANKMENT WIDENING SHALL HAVE AN ASPHALTIC CONCRETE OVERLAY 4 INCHES THICK AND EMBANKMENT SHALL PROVIDE SLOPES NO STEEPER THAN 10:1.
2. GUARD RAIL ON SOUTHBOUND APPROACH LEFT SIDE IS A DESIGN EXCEPTION. INSTALL END TREATMENT WITH MANUFACTURERS REQUIRED END FLARE.
3. FOR INSTALLATION OF ITEM 704-07-A TO BRIDGE SEE "NEW JERSEY BARRIER RAIL RETROFIT" DETAIL IN THE BACK OF THESE PLANS.
4. FOR ADDITIONAL GUARD RAIL INFORMATION SEE STANDARD PLAN GR-200.

GUARDRAIL DESIGN CRITERIA

ROUTE	HWY. CLASS	[2]		ADT	LC	LR	A:B				
LA-406	URBAN ARTERIAL			9300	22	360	12:1				
GUARDRAIL LAYOUT REQUIREMENTS (ft), AND QUANTITIES											
STRUC. No.	SIDE	L2	X	Y	Z	202-02+502-01-A	704-03	704-07-A	704-08-B	704-11-A	729-16-C
838030171	N.B. APPROACH RT.	8	68.75	9.9	19.9	103	22.0	18.75	12.5	25.00	1
838030171	N.B. APPROACH LT.	20	62.5	11.0	21.0	78	22.0	12.5	12.5	25.00	1
838030171	S.B. APPROACH RT	8	n/a	n/a	n/a	103	22.0	0.00	12.5	25.00	1
838030171	S.B. APPROACH LT.	20	62.5	11.0	21.0	78	22.0	12.50	12.5	25.00	1
TOTALS						362	88.0	43.8	50.0	100.0	4
											4

				WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) PHASE I		GUARD RAIL DETAILS		2 11/18/08		Revised table		DATE		BY SHEET		STATE PROJECT		838-03-0023	
DISTRICT 02 DESIGN		WOODLAND HWY. IMPROVEMENTS (LA 23 TO PLANTERS CANAL) PHASE I		GUARD RAIL DETAILS		2 11/18/08		Revised table		DATE		BY SHEET		STATE PROJECT		838-03-0023		7d	



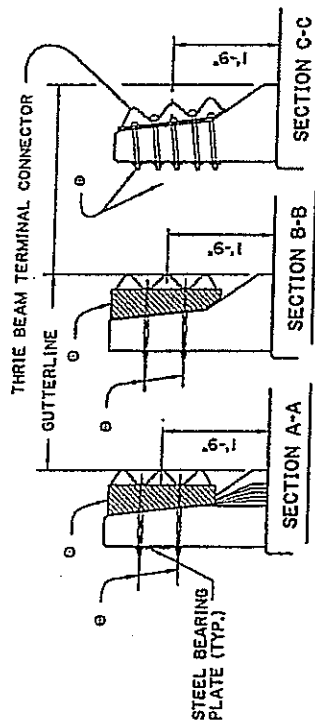
NOTES:

- FOR ADDITIONAL INFORMATION ON GUARD RAIL, SEE STD. PLAN GR-200. SHEET 3 OF 10 W6 X 9 STEEL POST WITH TIMBER BLOCKS MAY BE SUBSTITUTED. NO MIXING WILL BE ALLOWED.
- Ø FOR CURB & TRANSITION INFORMATION, SEE SHEET 3 OF 10, GR-200.
- ALL HARDWARE AND TIMBER USED FOR CONNECTING THE SINGLE THRIE BEAM TO THE EXISTING BRIDGE RAIL SHALL BE PAID FOR UNDER ITEM 704-07-A, GUARD RAIL BRIDGE ATTACHMENTS (SINGLE THRIE BEAM), PER LIN. FT.
- ANY DAMAGE DONE TO THE EXISTING STRUCTURE DURING INSTALLATION OF THE GUARD RAIL SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE AND TO THE SATISFACTION OF THE PROJECT ENGINEER.
- GALV. STEEL OGEE WASHER MAY BE USED IN LIEU OF THE STEEL BEARING PLATE.
- ALL H.S. BOLTS SHALL BE ASTM A449. ALL 3/4" Ø BOLTS SHALL BE ASTM A307.

PLAN VIEW

- Ø 2 - 3/4" Ø BUTTON HEAD BOLTS WITH 3/4" BEARING PLATE, NUTS, & WASHERS
- Ø 6" X 8" X 1'-10 1/2" TREATED TIMBER BLOCK (CUT & SHAPE IN THE FIELD TO FIT).

NOTE: THE GUARD RAIL SHALL NOT PROTRUDE BEYOND THE GUTTERLINE.

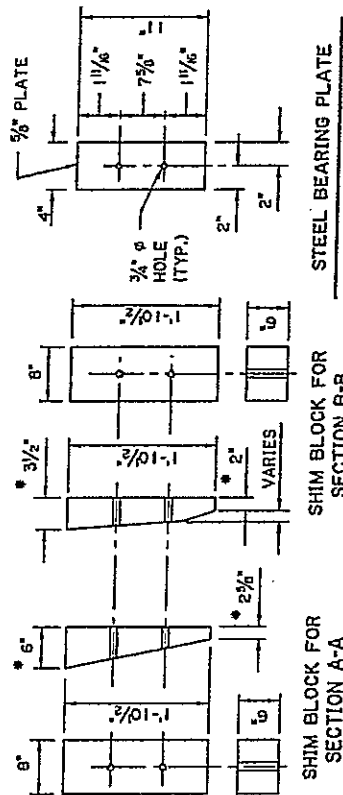


PROCEDURE FOR INSTALLING GUARD RAIL

1. A 25'-0" SECTION OF GUARD RAIL (WITH NO SPLICE) SHALL BE INSTALLED SYMMETRICALLY WITH RESPECT TO THE FIRST POST ON EACH END OF THE STRUCTURE.
2. THE BOLT HOLES SHALL BE FIELD DRILLED THRU THE GUARD RAIL, SHIM BLOCKS AND THE BARRIER RAIL AT THE SAME TIME.



Paul D. Fossier, Jr.
5/1/01



* DIMENSIONS ARE ASSUMED. ADJUST IN THE FIELD AS REQUIRED. HOLES SHALL BE DRILLED IN THE FIELD. SEE NOTE NO. 2.

NEW JERSEY BARRIER RAIL RETROFIT		PLAQUEMINES	
BRIDGE AND STRUCTURAL	REVISION DESCRIPTION	DESIGNED	PROJECT
2 11-12-04	ADD CURB & REVISE TRANSITION	CHECKED	7a
1 4-30-01	UPDATED TO 2000 SPECIFICATIONS & BOLTS	DATE	838-03-0023
NO.	DATE	BY	
2	11-12-04	J. BENTON	
1	4-30-01	P. FOSSIER	
FOR STRUCTURES MORE THAN 60 FEET		STATE	
		PROJECT	

All Temporary Traffic Control Devices used shall be in accordance with the LoDOT Standard Specifications for Roads and Bridges, the Manual on Uniform Traffic Control Devices (MUTCD), and shall meet the National Cooperative Highway Research Program (NCHRP) 350 for Level 3 requirements.

Materials used for Temporary Traffic Controls shall be in accordance with the LoDOT Standard Specifications for Roads and Bridges and when applying the LoDOT Counterweight Chart (CHL).

No temporary traffic control device shall be erected without the approval of the Project Engineer and unit work is not to begin until they are erected.

No lane closures, lane shifts, detours, or detours shall occur without the authorization of the Project Engineer.

Responsibility is hereby placed upon the contractor for the installation, maintenance, and removal of all temporary traffic control devices erected on these plans or required by the Project Engineer for the protection of the traveling public as well as at Department and construction personnel.

The contractor shall also be responsible for the maintenance of all permanent signs and pavement markings with in place or essential to the safe movement and guidance of traffic within the project limits.

The District Traffic Operations Engineer (DTOE) and State Traffic Control Unit (STCU) shall be notified of any change in the existing traffic control devices prior to the Project Engineer's approval.

"Road Work" (RW) signs shall be required on all projects equal to or greater than 1 mile and located at the beginning of the project unless otherwise noted. The distance on the sign shall be related to the nearest vehicle lane. The sign shall be a minimum 36" x 60" unless otherwise noted.

Warning signs used for lane closures or lane shifts in which the roadway and/or returned to full public use within 15 hours or less may be placed on NCHRP350 approved portable traffic frames.

If the spacing on the plans need to be altered, the spacing needs to be approved by the Project Engineer.

Speed limits need to be lowered by 10 mph for any construction, maintenance, or utility operation when more than the following:

- (A) the reduction of the original shoulder is degraded due to added surfaces or street pavement;
- (B) work is in progress in the immediate vicinity of the travel way where there are workers, bare wheel relocations, or other hazards;
- (C) workers present on the shoulder within 6 ft of the edge of traveled way without proper protection.

The reduced speed limit that only apply to these portions of the project must be directed. The Project Engineer may slow SPEED LIMIT WHEN FLASHING lights to supplement reduced speed limit.

At the end of the project speed zone, a speed limit sign displaying the original speed limit before construction shall be installed.

If conditions warrant, the District Traffic Operations Engineer may authorize the reduction of the speed limit by more than 10 mph.

All payment meetings within the limits of the project that are in compliance with the project funding or the required traffic movements shall be held by the project participants at the project site. Payment meetings held by the participant in the participant's office or other location (including telephone) shall not be paid for with back point or covered with local.

If unpaid payment meetings are needed, they shall be reflected, if removable, and accompanied by the proper documentation. Temporary Related Payment Meetings (TRPMs) must be added to supplement temporary stippling in cases of transition, in losses, in detours, and in other areas of need as directed by the Project Engineer.

The timing and placement of temporary payment meetings shall be within Section 713 of the Standard Specifications. If no pay item exists, the payment meeting shall be considered incidental to the existing work.

- ▲ All signs used for temporary traffic controls shall follow the Department's Traffic Control (TC) details and the MUTCD. Signs shown in the TC Bulletins are typed and may vary with each specific condition.
- ▲ More appropriate wording for a specific condition may be requested or substituted with the approval of the Project Engineer. When projects are supported by less than one mile, they shall be signed on one project.
- ▲ At no time shall signs warning against a particular operation be left in place until the operation has been completed or where the outside has been removed.
- ▲ Signs over 10 sq ft shall be mounted on two post and signs over 20 sq ft shall be mounted on at least three post.
- ▲ Signs shall have a minimum of two built up post.
- ▲ Permanent signs no longer applicable or in conflict shall be removed or covered with a strong, lightweight, opaque material.
- ▲ Warning signs used for temporary traffic controls shall meet the following guidelines unless otherwise noted in the plans:
 - (A) size shall be 48" x 48", (B) see the Department's Standard Specifications and the DOT for sheeting information, (C) a minimum depth of 3/16" character post shall be used driven to a minimum depth of 2 to 3 foot height that be a minimum of 5' from the roadway surface unless there is a concern for workers or bicyclist traffic to which it shall be a minimum of 5' from the edge of shoulder or edge of pavement if no shoulder exists, and 2' from the back of start to urban areas.
 - ▲ When flagging work provided that they meet at least 12 inches daytime visibility and 24 inches at night.
 - ▲ All signs shall be reflective, retro-reflective, and NCHRP 350.
- ▲ Mesh road signs shall be cleaned on any project.
- ▲ All signs shall be removed or covered when no longer applicable.
- ▲ Contractor shall use caution not to damage existing signs which remain in place. Any CUTOFF signs damaged by work operations shall be replaced.

- The following design ideas may be used:
 - **Linear Memory Banks.** Linear memory banks (Cones, Drums, and Super Cones) are the most common type of memory bank. They are easy to construct (see Fig. 1) and are the only design that can be scaled to 1000 bits (1000 cones).
 - **Radial Memory Banks.** Radial memory banks (Spirals and Super Spirals) are the only design that can be scaled to 1000 bits (1000 spirals). They are the only design that can be scaled to 1000 bits (1000 spirals) and are the only design that can be scaled to 1000 bits (1000 spirals).
 - **Interlaced Memory Banks.** Interlaced memory banks (Interlaced Spirals and Super Interlaced Spirals) are the only design that can be scaled to 1000 bits (1000 spirals) and are the only design that can be scaled to 1000 bits (1000 spirals).
 - **Interlaced Memory Banks.** Interlaced memory banks (Interlaced Spirals and Super Interlaced Spirals) are the only design that can be scaled to 1000 bits (1000 spirals) and are the only design that can be scaled to 1000 bits (1000 spirals).



When working within the traveled way, including shoulders and auxiliary lanes, Changeable Message Signs (CMS) shall be used on all Interstates, major highways and on all other roadway facilities. CMS shall be installed on AOT greater than 20,000 and should be delineated with retroreflective TTC devices. CMS shall be paid for by each agency.

When used in advance of a lane closure or a lane shift, the CMS should be placed on the right hand side of the road at a minimum distance of 5 miles in advance of the lane for Interstates and to be determined by the Engineer on other highways.

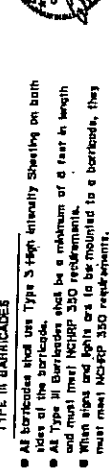
If vehicles are queueing beyond the 2 mile CMS, an additional CMS should be placed on the right hand side of the road approximately 5 miles in advance of the lane for Interstates.

CMS messages shall be operated by the District Traffic Operations Engineer (DTOE).

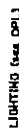
When Portable Changeable Message signs are not being used, they should be removed. If not removed, they should be shielded by guardrail or barriers or if the previous two options are not feasible, they should be delineated with retroreflective TTC devices.



At Flagstaff is qualified. The contractor shall be responsible for training or certifying all flyers as qualified to perform flying duties. A Ground Flight School (GFS) shall be completed course such as those offered by the Association of Military Services Association (ATMSA). The Associated General Contractors of America (AGC) and other courses approved by the Louisiana DOTD's Work Zone Task Force. The contractor shall be responsible for getting the flyer sources approved.



- **Flashing Arrow Panels** shall be used for lane closure on all facilities with 2 or more lanes in a single direction and a speed limit greater than 35 mph.
- When used, flashing arrow panels should be located on the shoulder at the beginning of the taper.
- Where the shoulder width is limited, the flashing arrow panel should be placed within the closed zone as close to the beginning of the taper as practicable.
- **Flashing Arrow Panels** used on all high speed roadways (65 mph and greater) shall be 4' x 8' Type C.
- When **Flashing Arrow Panels** are not being used, they should be quickly removed, they should be shielded by guardrail, barriers or if the portable two options are not feasible they should be eliminated with retroreflective TIE designs.

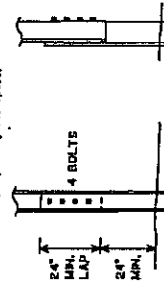


When used for overnight closures, bolting and supplement of nutrients can be placed in a closed row or flat sited across a highway. Two Type B high intensity lights should be used per lane in rural areas. In urban areas two Type A Low Intensity lights may be used where adequate ambient lighting is considered.

One Type B high intensity light and two used to supplement the first sign for part of above light given warnings about a lane closure during night work situations.

Two C already born lights should be used on a clearing away devices in the rear as well as the first two devices in the line-up for night use.

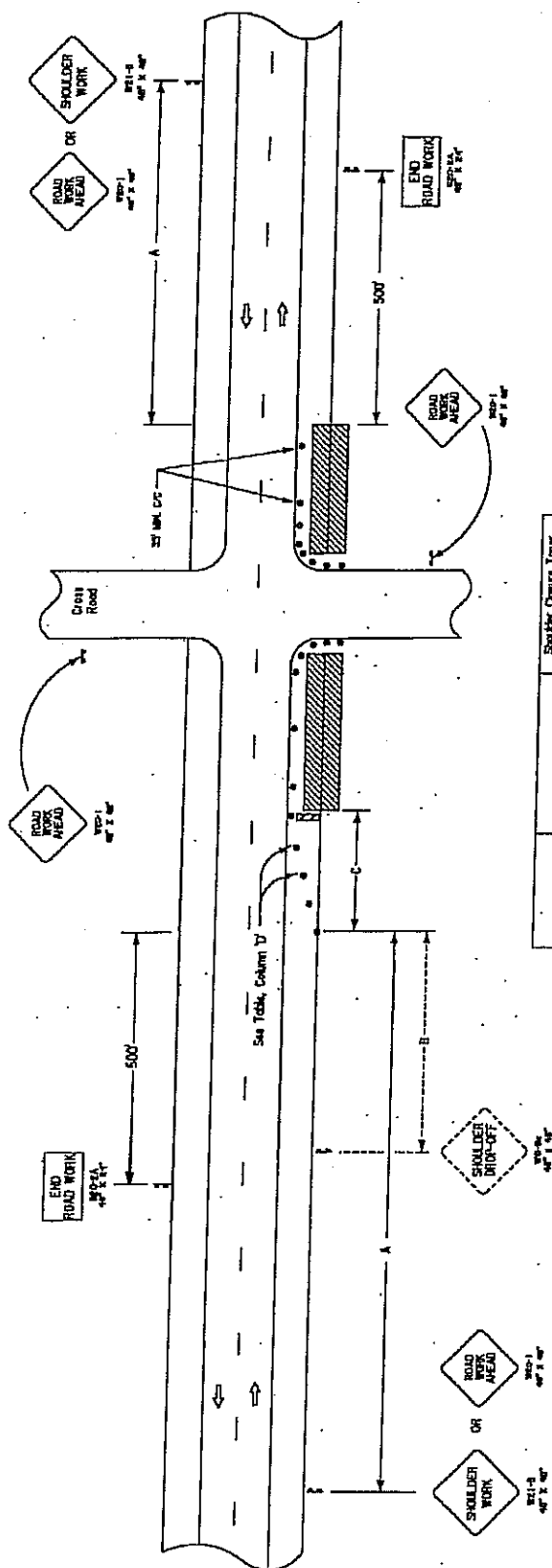
U-shaped posts may be spiked where long lengths are required. The upper section shall overlap the lower section by at least 24 inches. The bottom edge of the upper section of the spikes shall be a minimum of 24 inches above the ground. The spiked sections shall be secured with at least four 1/2-inch diameter hex bolts spaced equally along the splice.



			DESIGNED	BY: E. J. BROWN
			CHECKED	BY: J. C. BROWN

MINES	SHE N
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G-59



- LEGEND**
- Traffic Sign
 - Obstructing Device
 - Work Area
 - Type III Barricade

SPEED LIMIT	Shoulder Closure Type	
	Minimum	Maximum
	Length	Drop-off Spacing
35 mph	100'	25'
45 mph	100'	25'
55 mph	100'	25'
65 mph	100'	25'
75 mph	100'	25'
85 mph	100'	25'
95 mph	100'	25'
100 mph	100'	25'
110 mph	100'	25'
120 mph	100'	25'

NOTES

THIS SHEET SHALL BE USED WITH THE "TEMPORARY TRAFFIC CONTROL GENERAL NOTES SHEET (TC-001)".

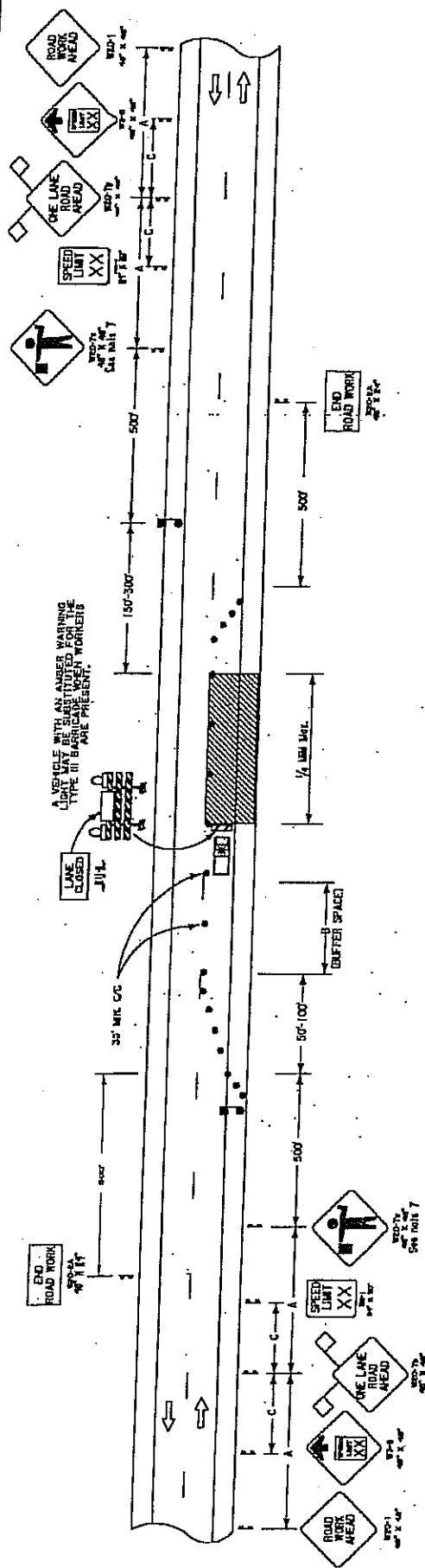
- THIS LAYOUT REPRESENTS TRAFFIC CONTROLS REQUIRED FOR WORKERS AND EQUIPMENT OPERATING WITHIN THE CLEAR ZONE FOR MORE THAN 1 HOUR, LESS THAN 1 HOUR, SEE FIG. 1A-1 OF THE MUTCD. PORTABLE SIGNS MAY BE USED FOR WORK LASTING LESS THAN 3 DAYS.
- NO SIGNS OR BARRICADES ARE REQUIRED FOR EQUIPMENT OPERATING OR WORK IN PROGRESS OUTSIDE THE CLEAR ZONE.
- SIGNS AND BARRICADES SHALL BE COVERED OR REMOVED DURING NONWORKING HOURS UNLESS A DROP-OFF OR PHYSICAL OBSTRUCTION REMAINS WITHIN THE CLEAR ZONE.
- TRAFFIC CONES MAY BE USED AS CHANNELIZING DEVICES ALONG THE WORK AREA DURING DAYLIGHT HOURS ONLY.
- WORK OR EQUIPMENT CONFINED TO A SPOT LOCATION (LESS THAN 200 FEET) SHALL BE MARKED BY CHANNELIZING DEVICES SPACED AT 25 FEET OR BY A VEHICLE WITH A YELLOW REVOLVING LIGHT OR YELLOW STROBE LIGHT VISIBLE TO ONCOMING TRAFFIC. WORK EXTENDING MORE THAN 200 FEET OF ROADWAY LENGTH SHALL BE MARKED WITH APPROPRIATE DEVICES SPACED AS NOTED IN THE TABLE.

6. SHOULDER DROP-OFFS

- WHEN A SHOULDER DROP-OFF IS GREATER THAN 2' BUT LESS THAN 6' EXISTS, A "SHOULDER DROP-OFF" SIGN WILL FOLLOW THE "SHOULDER WORK" SIGN. WHEN THE DROP-OFF EXCEEDS 6', THE "SHOULDER DROP-OFF" SIGN SHALL BE REPLACED BY A "NO SHOULDER" SIGN.
- IF THE SPEED LIMIT IS GREATER THAN 45 MPH AND THE DROP-OFF IS 10' OR GREATER WITHIN 2' OF THE TRAVEL LANE DURING NONWORKING HOURS, A PORTABLE BARRIER SHALL BE USED.
- A TEMPORARY EDGE LINE OR CHANNELIZING DEVICE SHALL BE PLACED AT THE PAVEMENT EDGE ADJACENT TO THE DROP-OFF DURING NONWORKING HOURS WHEN THE DROP-OFF IS GREATER THAN 2'.
- SPEED LIMIT IN THE ABOVE TABLE REFERS TO THE LEGALLY ESTABLISHED SPEED LIMIT BEFORE CONSTRUCTION. IF WORKERS ARE PRESENT WITHIN 2' OF TRAVEL LANE, SPEED LIMIT MAY NEED TO BE REDUCED.
- WHEN A WORK AREA HAS BEEN ESTABLISHED ON ONE SIDE OF THE ROADWAY ONLY, THERE SHALL BE NO CONFLICTING OPERATIONS OR PARKING ON THE OPPOSITE SHOULDER WITHIN 500 FEET OF THE WORK AREA.
- ANY SIGN IN CONFLICT WITH CONSTRUCTION SIGNING SHALL BE REMOVED OR COVERED.
- MINIMUM CONSTRUCTION SIGNING: ANY ADDITIONAL SIGN SHOWN IN THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" AND REQUIRED BY THE PROJECT ENGINEER SHALL BE INSTALLED UNDER ITEM 713-01.



TRAFFIC CONTROL LAYOUT FOR WORK LESS THAN 15' FROM THE TRAVELED LANE		SHEET NO. 8a	
TC-01	REVISION DESCRIPTION	DATE	BY
TRAFFIC ENGINEERING		DESIGNED CHECKED	PLAQUEMINES
PARISH		DETAILED CHECKED	FEDERAL PROJECT
STATE PROJECT		DATE	838-03-0023



- LEGEND**
- Traffic Sign
 - Flagger
 - Channelizing Device
 - Type B Barricade
 - Work Area
 - Type B Light

SPEED LIMIT (See Note 5)	Spacing		
	'A'	'B'	'C'
35 mph	500'	250'	N/A
45 mph	1000'	350'	500'
55 mph	1500'	450'	600'

SIGN SPACING TO BE ADJUSTED
FOR HORIZONTAL & VERTICAL CURVES.

NOTES

THIS SHEET SHALL BE USED WITH THE "TEMPORARY TRAFFIC CONTROL GENERAL NOTES SHEET (TC-007)".

1. CONDITIONS REPRESENTED ARE FOR WORK WHICH REQUIRES CLOSING TRAFFIC LANES DURING DAYLIGHT HOURS ONLY; PORTABLE SIGNS MAY BE USED FOR WORK LASTING LESS THAN 3 DAYS.
2. WHEN A WORK AREA HAS BEEN ESTABLISHED ON ONE SIDE OF THE ROADWAY ONLY, THERE SHALL BE NO PARKING ON THE OPPOSITE SHOULDER WITHIN 500 FEET OF THE WORK AREA.
3. CHANNELIZING DEVICES MAY BE PLACED UP TO 2' BEYOND CENTER-LINE ONLY AT SPECIFIC LOCATIONS WHERE ACTUAL WORK ACTIVITY IS TAKING PLACE. A 10' MINIMUM TRAVELED LANE SHOULD BE MAINTAINED WHERE PRACTICAL. CHANNELIZING DEVICES SHALL BE RETURNED TO THE CENTERLINE WHEN THE WORK ACTIVITY HAS PASSED.
4. SPACING OF CHANNELIZING DEVICES IN THE TAPER SHOULD BE NO MORE THAN 20'. A MINIMUM OF 5 CHANNELIZING DEVICES ARE TO BE USED IN THE TAPER.
5. SPEED LIMIT REFERS TO THE LEGALLY ESTABLISHED SPEED LIMIT BEFORE CONSTRUCTION.
6. TO PREVENT VEHICLES FROM ENTERING THE WORK AREA AGAINST THE FLOW OF TRAFFIC, AN ADDITIONAL FLAGGER SHALL BE STATIONED AT EACH INTERSECTION MAJOR DRIVEWAY, RAILROAD CROSSING OR CROSSING WITHIN THE WORK AREA.
7. VISUAL OR RADIO CONTACT SHALL BE REQUIRED BETWEEN FLAGGERS AT ALL TIMES. THE FLAGGER SHALL BE VISIBLE FROM FLAGGER SIGN.

8. ANY SIGNS IN CONFLICT WITH CONSTRUCTION SIGNING SHALL BE REMOVED OR COVERED BY THE CONTRACTOR.
9. MINIMUM CONSTRUCTION SIGNING, ANY ADDITIONAL SIGN SHOWN IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SHALL BE REQUIRED BY THE PROJECT ENGINEER SHALL BE INSTALLED UNDER ITEM 713-01.
10. TYPE B BARRICADES SHALL BE PLACED IN THE CLOSURE LANE AT 100' INTERVALS. WHERE NO ACTIVE WORK IS ON GOING AND THE LANE MUST REMAIN OPEN TO TRAFFIC, BARRICADES ARE ALSO REQUIRED BEFORE EACH OR GROUP OF UNPAVED HOLES OR CRACKS FILLED WITH TEMPORARY MATERIAL, OR WHERE UNPAVED CONCRETE EXISTS.
11. NEITHER WORK ACTIVITY NOR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIALS SHALL OCCUR WITHIN THE BUFFER SPACE.



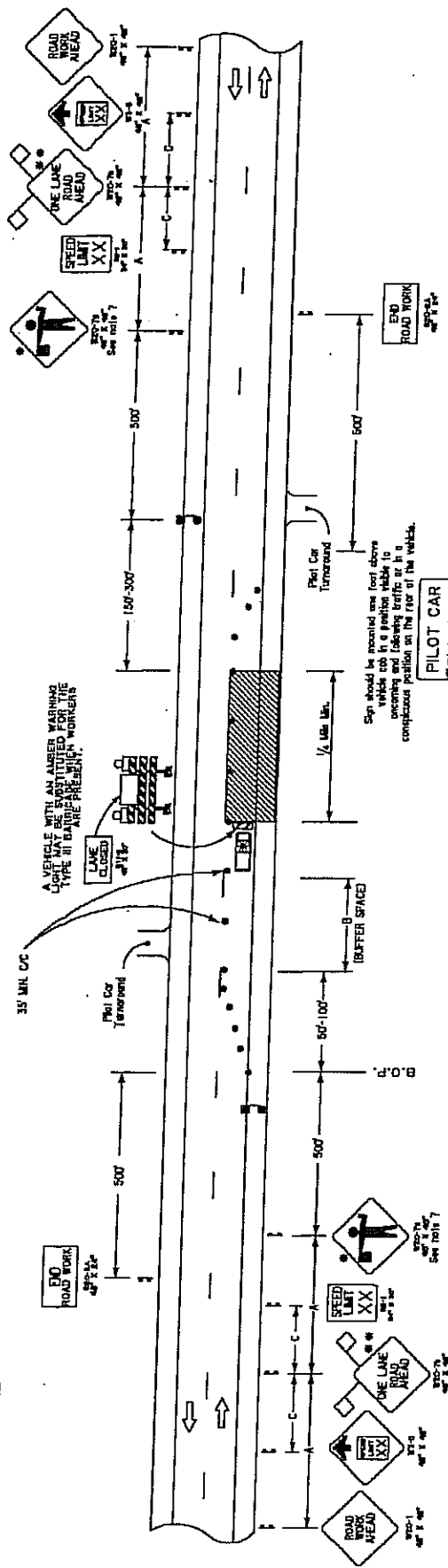
**TRAFFIC CONTROL LAYOUT
FOR LANE CLOSURE LESS
THAN 1/4 MILE IN LENGTH**

TC-02

DESIGNED CHECKED	PARISH PLAQUEMINES	SHEET NO. 1
DETAILED CHECKED	FEDERAL PROJECT	8b
DATE SHEET	STATE PROJECT	838-03-0023

NO. DATE REVISION DESCRIPTION

* REMOVE OR COVER WHEN NO LONGER APPLICABLE.
 ** REPLACE WITH "ROAD WORK 1/4 MILE" WHEN NO LONGER APPLICABLE.



NOTES

THIS SHEET SHALL BE USED WITH THE "TEMPORARY TRAFFIC CONTROL" GENERAL NOTES SHEET TC-001.

1. WHEN A WORK AREA HAS BEEN ESTABLISHED ON ONE SIDE OF THE ROADWAY WITHIN 500 FEET OF THE WORK AREA.
2. CHANNELIZING DEVICES MAY BE PLACED UP TO 2' BEYOND CENTERLINE ONLY AT SPECIFIC LOCATIONS WHERE ACTUAL WORK ACTIVITY IS TAKING PLACE. MINIMUM TRAVELED LANE SHOULD BE MAINTAINED WHERE PRACTICAL. CHANNELIZING DEVICES SHALL BE RETURNED TO THE CENTERLINE WHEN THE WORK ACTIVITY HAS PASSED.
3. SPACING OF CHANNELIZING DEVICES IN THE TAPER SHOULD BE NO MORE THAN 20'. A MINIMUM OF 5 CHANNELIZING DEVICES ARE TO BE USED IN THE TAPER.
4. SPEED LIMIT REFERS TO THE LEGALLY ESTABLISHED SPEED LIMIT BEFORE CONSTRUCTION.
5. TO PREVENT VEHICLES FROM ENTERING THE WORK AREA AGAINST THE FLOW OF TRAFFIC, AN ADDITIONAL FLAGGER SHALL BE STATIONED AT EACH INTERSECTION, MAJOR DRIVEWAY, RAILROAD CROSSING OR CROSSING WITHIN THE WORK AREA.
6. WITH THE APPROVAL OF THE ENGINEER, THE LENGTH OF THE WORK AREA MAY, FOR A SHORT DURATION, BE CHANGED TO A ONE-HALF MILE MAXIMUM TO IMPROVE THE RIGHT DISTANCE TO THE FLAGGERS. VISUAL OR RADIO CONTACT SHALL BE REQUIRED BETWEEN THE FLAGGERS AT ALL TIMES.
7. FOR PROJECTS IN RURAL AREAS THE DISTANCE BETWEEN FLAGGERS SHALL NOT EXCEED 2.5 MILES FOR A.D.T. (AVERAGE DAILY TRAFFIC) OF LESS THAN 100 VEHICLES PER DAY. IN URBAN AREAS, THE DISTANCE BETWEEN FLAGGERS SHALL NOT EXCEED 1.5 MILES FOR A.D.T. OF 1000 VEHICLES PER DAY.

PILOT CAR
 IF USED, A PILOT CAR SHALL BE USED TO GUIDE A QUEUE OF VEHICLES THROUGH THE TEMPORARY TRAFFIC CONTROL ZONE OR DETOUR. IT SHALL BE USED TO MAINTAIN A CLEAR LINE-OF-SIGHT, TO ADVISE OF CURVE TERRAINS WHERE FLAGGERS MAY NOT BE SEEN, AND TO MAINTAIN A CLEAR LINE-OF-SIGHT. PILOT CARS ARE NOT REQUIRED IN CONFINED OPERATIONS SUCH AS STRIKING OR OTHER LIMITED DURATION OPERATIONS LESS THAN 250' (A. CROSS DRAIN INSTALLATIONS). PILOT CARS ARE MULTIPLE CROSS DRAINS WITH A CONTINUOUS LANE CLOSURE. THE OPERATION OF THE PILOT VEHICLE SHALL BE COORDINATED WITH FLAGGING OPERATIONS OR OTHER CONTROLS AT EACH END OF THE ONE-LANE SECTION.

SPEED LIMIT (See Item 4)	Spacing			
	'A'	'B'	'C'	'D'
35 mph	500'	250'	150'	100'
45 mph	1000'	500'	300'	200'
55 mph	1500'	750'	450'	300'

- LEGEND
- Traffic Sign
 - Flagger
 - Channelizing Devices
 - Type B Barricade
 - Work Area
 - Type B Light



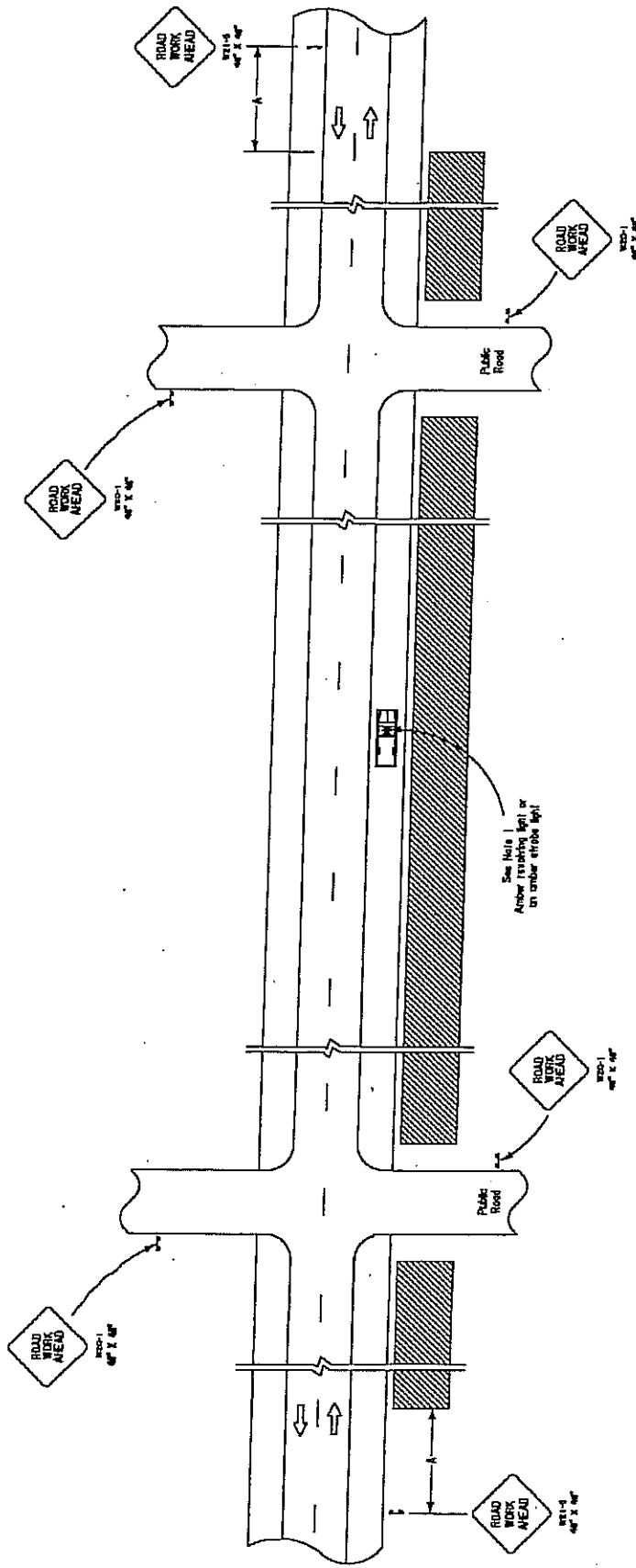
TRAFFIC CONTROL FOR LANE CLOSURE
 GREATER THAN 1/4 MILE IN LENGTH
 (SUITABLE FOR MOVING OPERATIONS)



SHEET NO. 8c
 PARISH PLAQUEMINES
 FEDERAL PROJECT
 STATE PROJECT 838-03-0023

DESIGNED BY J. COLEMAN
 CHECKED BY J. COLEMAN
 DETAILED BY J. COLEMAN
 DATE 10/10/08
 BY SHEET

REVISION DESCRIPTION
 NO. DATE



NOTES

THIS SHEET SHALL BE USED WITH THE "TEMPORARY TRAFFIC CONTROL GENERAL NOTES SHEET (TC-00)".

1. THIS LAYOUT REPRESENTS TRAFFIC CONTROLS REQUIRED FOR WORKERS AND EQUIPMENT OPERATING OUTSIDE OF CLEAR ZONE. IF THE OPERATION RESULTS IN EQUIPMENT OR OTHER VEHICLES BEING PARKED WITHIN THE CLEAR ZONE, BUT NOT WITHIN THE ROADWAY EACH VEHICLE SHALL HAVE AN AMBER LIGHT.
2. WHEN A WORK AREA HAS BEEN ESTABLISHED ON ONE SIDE OF THE ROADWAY ONLY, THERE SHALL BE NO PARKING ON THE OPPOSITE SHOULDER WITHIN 500 FEET OF THE WORK AREA.
3. SPEED LIMIT REFERS TO THE LEGALLY ESTABLISHED SPEED LIMIT BEFORE CONSTRUCTION.
4. AN ADDITIONAL "ROAD WORK AHEAD" SIGN SHALL BE PLACED AT EACH PUBLIC ROAD INTERSECTING THE PROJECT WITHIN THE WORK AREA.
5. ANY SIGNS IN CONFLICT WITH CONSTRUCTION SIGNING SHALL BE REMOVED OR COVERED.
6. MINIMUM CONSTRUCTION SHOWING: ANY ADDITIONAL SIGNS SHOWN IN THE MANUAL ON STANDARD TRAFFIC CONTROL DEVICES AND REQUIRED BY THE PROJECT ENGINEER SHALL BE INSTALLED UNDER ITEM 713-01.

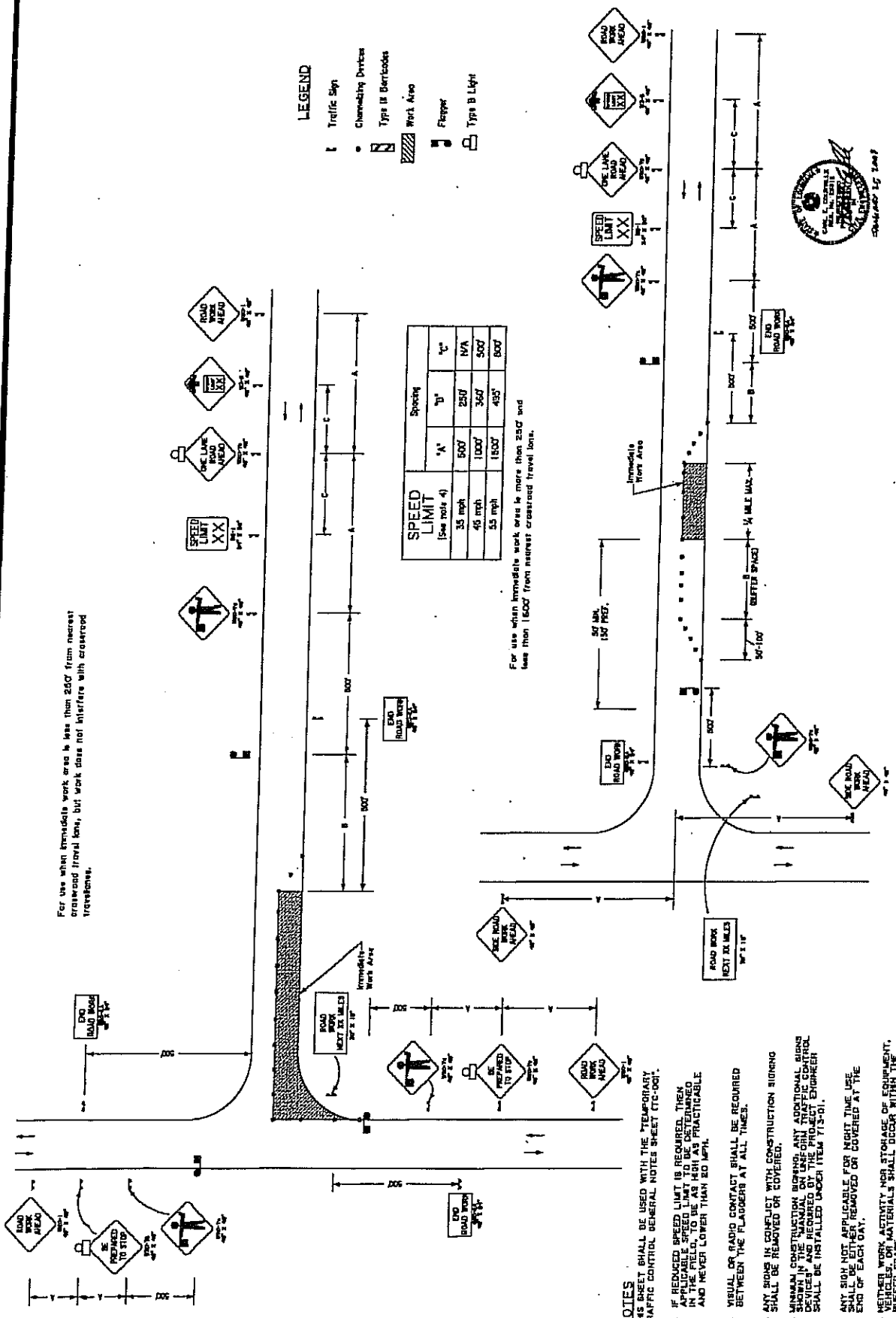
LEGEND

- ↑ Traffic Sign
- ▨ Work Area

SPEED LIMIT	Spacing
35 mph	1'
45 mph	500'
55 mph	1000'
	1500'



		TRAFFIC CONTROL FOR WORK GREATER THAN 15' FROM THE TRAVELED LANE				TC-05	
NO. _____ DATE _____		REVISION DESCRIPTION _____		BY _____		DESIGNED _____ CHECKED _____ DETAILED _____ CHECKED _____	
PARISH _____		PLAQUEMINES _____		FEDERAL PROJECT _____		STATE PROJECT _____	
PROJECT _____		PROJECT _____		PROJECT _____		PROJECT _____	
SHEET NO. _____		SHEET NO. _____		SHEET NO. _____		SHEET NO. _____	



SHEET NO. 8e	
TRAFFIC ENGINEERING	TC-15
TRAFFIC CONTROL LAYOUT FOR LANE CLOSURES ON TWO LANE UNDIVIDED HIGHWAYS DURING OVERLAYS AND MOVING OPERATIONS	
DESIGNED	PLAQUEMINES
CHECKED	PARISH
DATE	FEDERAL PROJECT
BY	STATE PROJECT
REVISION DESCRIPTION	898-03-0023

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 838-03-0023
OTHER PROJECTS:

DATE: 12/01/08 12:13 PAGE: 1

ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
202-02-C	500	SQUARE YARD	REMOVAL OF PORTLAND CEMENT CONCRETE PAVEMENT DOLLARS CENTS
202-02-E	180.0	LINEAR FOOT	REMOVAL OF CONCRETE CURBS DOLLARS CENTS
202-02-G	2,350.0	SQUARE YARD	REMOVAL OF SURFACING & STABILIZED BASE DOLLARS CENTS
202-02-H	712	LINEAR FOOT	REMOVAL OF GUARD RAIL DOLLARS CENTS
202-02-I	50	EACH	REMOVAL OF SMALL PLANTS (LESS THAN 3 FT. TALL) DOLLARS CENTS
203-01	5,317	CUBIC YARD	GENERAL EXCAVATION DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 838-03-0023
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
203-02	4,525	CUBIC YARD	DRAINAGE EXCAVATION DOLLARS CENTS
203-04	21,000	CUBIC YARD	NONPLASTIC EMBANKMENT DOLLARS CENTS
203-07	2,350	CUBIC YARD	BORROW (VEHICULAR MEASUREMENT) DOLLARS CENTS
203-07-B	2,950	CUBIC YARD	BORROW (VEHICULAR MEAS.) (PLASTIC SOILS) DOLLARS CENTS
302-02-F	9,500.0	SQUARE YARD	CLASS II BASE COURSE (12" THICK) DOLLARS CENTS
401-02	100	CUBIC YARD	AGGREGATE SURFACE COURSE (ADJUSTED VEHICULAR MEASUREMENT) DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 838-03-0023
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
502-01	6,922.0	TON	SUPERPAVE ASPHALTIC CONCRETE DOLLARS CENTS
502-01-A	393.3	TON	SUPERPAVE ASPHALTIC CONCRETE, DRIVES, TURNOUTS AND MISCELLANEOUS DOLLARS CENTS
701-01-I	80	LINEAR FOOT	CROSS DRAIN PIPE (24" CMP) DOLLARS CENTS
701-05-M	180	LINEAR FOOT	SIDE DRAIN PIPE (36") DOLLARS CENTS
702-03-B	7	EACH	CATCH BASINS (CB-02) DOLLARS CENTS
704-03	93.8	LINEAR FOOT	BLOCKED OUT GUARD RAIL DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 838-03-0023
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
704-07-A	100.0	LINEAR FOOT	GUARD RAIL BRIDGE ATTACHMENTS (SINGLE THRIE BEAM) _____ DOLLARS _____ CENTS
704-08-B	193.8	LINEAR FOOT	GUARD RAIL TRANSITIONS (DOUBLE THRIE BEAM) _____ DOLLARS _____ CENTS
704-11-A	8	EACH	GUARD RAIL END TREATMENT (FLARED) _____ DOLLARS _____ CENTS
707-01	180.0	LINEAR FOOT	CONCRETE CURB _____ DOLLARS _____ CENTS
711-04	300	SQUARE YARD	GEOTEXTILE FABRIC _____ DOLLARS _____ CENTS
713-01	LUMP	LUMP SUM	TEMPORARY SIGNS & BARRICADES _____ DOLLARS _____ CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 838-03-0023
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
713-02-E	1,195	LINEAR FOOT	TEMPORARY PAVEMENT MARKINGS (24" WIDTH) DOLLARS CENTS
713-03-A	7.876	MILE	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE) (4" WIDTH) (4' LENGTH) DOLLARS CENTS
713-03-B	5.020	MILE	TEMPORARY PAVEMENT MARKINGS (BROKEN LINE) (4" WIDTH) (10' LENGTH) DOLLARS CENTS
713-04-A	11.976	MILE	TEMPORARY PAVEMENT MARKINGS (SOLID LINE) (4" WIDTH) DOLLARS CENTS
717-01	141	POUND	SEEDING DOLLARS CENTS
718-01	4,700	POUND	FERTILIZER DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 838-03-0023
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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
726-01	80.0	CUBIC YARD	BEDDING MATERIAL DOLLARS CENTS
727-01	LUMP	LUMP SUM	MOBILIZATION DOLLARS CENTS
729-16-C	8	EACH	OBJECT MARKER ASSEMBLY (Type 3) DOLLARS CENTS
731-02	1,018	EACH	REFLECTORIZED RAISED PAVEMENT MARKERS DOLLARS CENTS
732-01-E	654	LINEAR FOOT	PLASTIC PAVEMENT STRIPING (24" WIDTH) DOLLARS CENTS
732-02-A	5.988	MILE	PLASTIC PAVEMENT STRIPING (SOLID LINE) (4" WIDTH) DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 838-03-0023
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
732-03-A	2.560	MILE	PLASTIC PAVEMENT STRIPING (BROKEN LINE) (4" WIDTH) DOLLARS CENTS
732-04-A	34	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ARROW) DOLLARS CENTS
732-04-B	2	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (DOUBLE ARROW) DOLLARS CENTS
732-04-C	3	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (ONLY) DOLLARS CENTS
732-04-D	1	EACH	PLASTIC PAVEMENT LEGENDS & SYMBOLS (RR CROSSING) DOLLARS CENTS
735-01	6	EACH	MAILBOXES DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 838-03-0023
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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
735-02	6	EACH	MAILBOX SUPPORTS (SINGLE) DOLLARS CENTS
740-01	LUMP	LUMP SUM	CONSTRUCTION LAYOUT DOLLARS CENTS
S-001	200	LIN. FT.	CLEANING EXISTING CULVERTS (16 TO 48 INCHES) DOLLARS CENTS
S-002	1	EACH	RELOCATION OF EXISTING LANDSCAPE LIGHTING DOLLARS CENTS
S-003	700	LIN. FT.	FULL DEPTH SAW CUT OF EXISTING PAVEMENT DOLLARS CENTS
S-004	LUMP	LUMP SUM	SURFACE PREPARATION DOLLARS CENTS

LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
SCHEDULE OF ITEMS

LEAD PROJECT: 838-03-0023
OTHER PROJECTS:

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ITEM NUMBER	APPROXIMATE QUANTITY	UNIT OF MEASURE	PAY ITEM UNIT PRICE (IN WORDS, INK OR TYPED)
S-005	26,200	SQUARE YARD	GEOTEXTILE FABRIC DOLLARS CENTS
S-006	3.15	MILE	RUMBLE STRIPS (GROUND-IN) DOLLARS CENTS