United States Department of Agriculture
Natural Resources Conservation Service

OMB No. 0578-0030
NRCS-PDM-20

DAMAGE SURVEY REPORT (DSR)
Emergency Watershed Protection Program – Recovery

NRCS Entry Only
Eligible: YES ☐ NO ☐
Approved: YES ☐ NO ☐
Funding Priority Number (from Section 4) ____
Limited Resource Area: YES ☐ NO ☐

Section 1A

Date of Report: 09/28/2005

DSR Number: 105-05-010 Project Number: ____

Section 1B Sponsor Information

Sponsor Name: CONSOLIDATED GRAVITY DRAINAGE DISTRICT #1 OF TANGIPAHOA PARISH

Address: PO BOX 31

City/State/Zip: HAMMOND, LA 70404

Telephone Number: (985) 542-4292 Fax: (985) 345-1821

Section 1C Site Location Information

County: TANGIPAHOA State: LA Congressional District: 01

Latitude: See attached Sheet Longitude: ____ Section: 33 Township: 35 Range: 7E

UTM Coordinates: 105

Drainage Name: Ellzey/ Charles, Florida St and Phoenix Sq Bridges Reach: 1550 lf.

Damage Description: Large trees blocking channels at Bridges

Section 1D Site Evaluation

All answers in this Section must be YES in order to be eligible for EWP assistance.

Site Eligibility	YES	NO	Remarks
Damage was a result of a natural disaster?*	✔		
Recovery measures would be for runoff retardation or soil erosion prevention?*	✔		
Threat to life and/or property?*	✔		
Event caused a sudden impairment in the watershed?*	✔		
Imminent threat was created by this event?**	✔		
For structural repairs, not repaired twice within ten years?**	✔		
Site Defensibility			
Economic, environmental, and social documentation adequate to warrant action (Go to pages 3, 4, 5 and 6 ***)	✔		
Proposed action technically viable? (Go to Page 9 ***)	✔		

Have all the appropriate steps been taken to ensure that all segments of the affected population have been informed of the EWP program and its possible effects? YES ✔ NO ☐

Comments: ____

* Statutory
** Regulation
*** DSR Pages 3 through 5 are required to support the decisions recorded on this summary page. If additional space is needed on this or any other page in this form, add appropriate pages.

Site #1 Florida St. –

Start – N 30° 29' 58.4"
W 90° 28' 19.4"

End – N 30° 29' 40.4"
W 90° 28' 22.5"

Site #2 Phoenix Street. –

Start – N 30° 29' 29.8"
W 90° 28' 3.25"

End – N 30° 29' 28.5"
W 90° 28' 7.5"

Site #3 Ellsey / Charles St.

Start – N 30° 30' 7.2"
W 90° 28' 30.6"

End – N 30° 30' 5.8"
W 90° 28' 23.7"

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Section 1E Proposed Action

Describe the preferred alternative from Findings: Section 5 A:

Removal of fallen trees and debris from channel.

Total installation cost identified in this DSR: Section 3: $ ~~31,750.00~~ 44,250 MHR

Section 1F NRCS State Office Review and Approval

Reviewed By: _____ Date Reviewed: _____
State EWP Program Manager

Approved By: _____ Date Approved: _____
State Conservationist

PRIVACY ACT AND PUBLIC BURDEN STATEMENT

NOTE: The following statement is made in accordance with the Privacy Act of 1974, (5 U.S.C. 552a) and the Paperwork Reduction Act of 1995, as amended. The authority for requesting the following information is 7 CFR 624 (EWP) and Section 216 of the Flood Control Act of 1950, Public Law 81-516, 33 U.S.C. 701b-1; and Section 403 of the Agricultural Credit Act of 1978, Public Law 95334, as amended by Section 382, of the Federal Agriculture Improvement and Reform Act of 1996, Public Law 104-127, 16 U.S.C. 2203. EWP, through local sponsors, provides emergency measures for runoff retardation and erosion control to areas where a sudden impairment of a watershed threatens life or property. The Secretary of Agriculture has delegated the administration of EWP to the Chief or NRCS on state, tribal and private lands.

Signing this form indicates the sponsor concurs and agrees to provide the regional cost-share to implement the EWP recovery measure(s) determined eligible by NRCS under the terms and conditions of the program authority. Failure to provide a signature will result in the applicant being unable to apply for or receive a grant the applicable program authorities. Once signed by the sponsor, this information may not be provided to other agencies. IRS, Department of Justice, or other State or Federal Law Enforcement agencies, and in response to a court or administrative tribunal.

The provisions of criminal and civil fraud statutes, including 18 U.S.C. 286, 287, 371, 641, 651, 1001; 15 U.S.C. 714m; and 31 U.S.C. 3729 may also be applicable to the information provided. According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0578-0030. The time required to complete this information collection is estimated to average 117/1.96 minutes/hours per response, including the time for reviewing instructions, searching existing data sources, field reviews, gathering, designing, and maintaining the data needed, and completing and reviewing the collection information.

USDA NONDISCRIMINATION STATEMENT

"The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, martial status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programms.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202)720-2600 (vocie and TDD). To file a complaint of discrimination, write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, SW., Washington, DC 20250-9410, or call (800)795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

Civil Rights Statement of Assurance

The program or activities conducted under this agreement will be in compliance with the nondiscrimination provisions contained in the Titles VI and VII of the Civil Rights Act of 1964, as amended; the Civil Rights Restoration Act of 1987 (Public Law 100-259); and other nondiscrimination statutes: namely, Section 504 of the Rehabilitation Act of 1973, Title IX of the Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990. They will also be in accordance with regulations of the Secretary of Agriculture (7 CFR 15, 15a, and 15b), which provide that no person in the United States shall on the grounds of race, color, national origin, gender, religion, age or disability, be excluded from participation in, be denied the benefits of, or otherwise subjected to discrimination under any program or activity receiving Federal financial assistance from the U.S. Department of Agriculture or any agency thereof.

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Section 2 Environmental Evaluation

2A Resource Concerns	2B Existing Condition	2C Alternative Designation		
		Proposed Action	No Action	Alternative
		Remove debris from within current existing channel	Leave fallen debris at current location	Remove all vegetation from channel banks and work from topbank
		2D Effects of Alternatives		
Soil				
Bank erosion	20 tons/acre	5 tons/acre	20 tons/acre	5 tons/acre
	Soil quality reduced	Soil quality improved	Soil quality reduced	Soil quality improved
Water				
Downstream water rights	Will not have to drain Bayou to conduct debris removal.	No Effect	No Effect	No Effect
BOD	Raised BOD	Raised BOD	Raised BOD	Lower BOD
Petroleum products	attainment	Short-term increase during removal	attainment	Short-term increase during remov
Air				
PM-10	attainment	attainment	attainment	attainment
Plant				
Trees	Inadequate root mass	increase riparian tree growth	potential damage to existing trees	increase riparian tree growth
Animal				
Fisheries access	Impaired due to blockage	Restore hydrologic flow regime	Access restricted.	Restore hydrologic flow regime
Other				
Vector	Increased potential	Decrease breeding area	Increased potential	Decrease breeding area

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Section 2E Special Environmental Concerns

Resource Consideration	Existing Condition	Alternatives and Effects		
		Proposed Action	No Action	Alternative
Clean Water Act Waters of the U.S.	CWA permit will not be required by sponsor since channel emphiral.	CWA permit not required	CWA permit not required	CWA permit not required
Coastal Zone Management Areas	N/A	N/A	N/A	N/A
Coral Reefs	N/A	N/A	N/A	N/A
Cultural Resources	(FOTG) none observed on-site	(FOTG) none observed on-site	(FOTG) none observed on-site	(FOTG) none observed on-site
Endangered and Threatened Species	(FOTG) (Federal/State lists) none observed on-site	(FOTG) (Federal/State lists) none observed on-site	(FOTG) (Federal/State lists) none observed on-site	(FOTG) (Federal/State lists) none observed on-site
Environmental Justice	N/A	N/A	N/A	N/A
Essential Fish Habitat	(FOTG) No EFH	(FOTG) No EFH	(FOTG) No EFH	(FOTG) No EFH
Fish and Wildlife Coordination	State level review by project type with USFWS&LDWF; Consultation not required	State level review by project type with USFWS&LDWF; Consultation not required	State level review by project type with USFWS&LDWF; Consultation not required	State level review by project type with USFWS&LDWF; Consultation not required
Floodplain Management	N/A	N/A	N/A	N/A
Invasive Species	Kudzu noted along stream banks on both sides of the channel	Kudzu allowed to spread Increased after removal	Kudzu spreads slower.	Kudzu allowed to spread Increased after removal
Migratory Birds	Food&cover quality reduced	Food&cover quality improved	Food&cover quality reduced	Food&cover quality improved
Natural Areas	(FOTG) None present	(FOTG) None present	(FOTG) None present	(FOTG) None present
Prime and Unique Farmlands	(FOTG) None present	(FOTG) None present	(FOTG) None present	(FOTG) None present
Riparian Areas	Riparian habitat impacted by flooding due to debris accumulation	Riparian habitat improved by debris removal	Riparian habitat impacted by flooding due to debris accumulation	Riparian habitat improved by debris removal
Scenic Beauty	(FOTG) None present	(FOTG) None present	(FOTG) None present	(FOTG) None present
Wetlands	(FOTG) None present	(FOTG) None present	(FOTG) None present	(FOTG) None present
Wild and Scenic Rivers	(FOTG) (LDWF scenic streams list) none present	(FOTG) (LDWF scenic streams list) none present	(FOTG) (LDWF scenic streams list) none present	(FOTG) (LDWF scenic streams list) none present

Completed By: Kris Davis Date: 09/28/2005

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Section 2F Economic

This section must be completed by each alternative considered (attach additional sheets as necessary).

	Future Damages ($)	Damage Factor (%)	Near Term Damage Reduction
Properties Protected (Private)			
7 Houses (Charles) ($125,000)	875,000.00	25	218,750.00
5 Houses (Florida) ($125,000)	625,000.00	25	156,250.00
3 Houses (Phoenix) ($125,000)	375,000.00	25	93,750.00
Properties Protected (Public)			
Underground Sewage Line (18") Phoenix	5,000.00	25	1,250.00
1-24" Pipedrop (Phoenix)	4,000.00	25	1,000.00
Bridge - Phoenix	45,000.00	25.00	11,250.00
Bridge - Charles St.	29,000.00	25	7,250.00
Business Losses			
Other			
		Total Near Term Damage Reduction $	489,500.00
		Net Benefit (Total Near Term Damage Reduction minus Cost from Section 3)	457,750.00

Completed By: DONNY LATIOLAIS Date: 09/28/2005

Public Properties -

Power lines - 3 sites - 15,000
Power Poles - 6 poles - 4,000
Overhead sewage lines (Florida) - 7,000

Section 2G Social Consideration This section must be completed by each alternative considered

(attach additional sheets as necessary).

	YES	NO	Remarks
Has there been a loss of life as a result of the watershed impairment?	☐	✔	
Is there the potential for loss of life due to damages from the watershed impairment?	✔	☐	
Has access to a hospital or medical facility been impaired by watershed impairment?	✔	☐	
Has the community as a whole been adversely impacted by the watershed impairment (life and property ceases to operate in a normal capacity)	✔	☐	
Is there a lack or has there been a reduction of public safety due to watershed impairment?	✔	☐	

Completed By: DONNY LATIOLAIS Date: 09/28/2005

DSR NO: _____
105-05-010

Section 2H Group Representation and Disability Information

This section is completed only for the preferred alternative selected.

Group Representation	Number
American Indian/Alaska Native Female Hispanic	
American Indian/Alaska Native Female Non-Hispanic	
American Indian/Alaska Native Male Hispanic	
American Indian/Alaska Native Male Non-Hispanic	
Asian Female Hispanic	
Asian Female Non-Hispanic	
Asian Male Hispanic	
Asian Male Non-Hispanic	
Black or African American Female Hispanic	
Black or African American Female Non-Hispanic	13
Black or African American Male Hispanic	
Black or African American Male Non-Hispanic	11
Hawaiian Native/Pacific Islander Female Hispanic	
Hawaiian Native/Pacific Islander Female Non-Hispanic	
Hawaiian Native/Pacific Islander Male Hispanic	
Hawaiian Native/Pacific Islander Male Non-Hispanic	
White Female Hispanic	
White Female Non-Hispanic	13
White Male Hispanic	
White Male Non-Hispanic	16
Total Group	53

Census tract(s)_____

Completed By: DONNY LATIOLAIS Date: 09/28/2005

15 houses x 3.5 = 53 people

Hammond-
Black - 45.2% (24)
White - 52.4% (29)
B. Male - 45.4% (11)
B. Female - 54.6% (13)
W. Male - 45.4% (13)
W. Female - 54.6% (16)

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Section 2I. Required consultation or coordination between the lead agency and/or the RFO and another governmental unit including tribes:

Easements, permissions, or permits:

Sponsor has secured all relevant easements needed to commence emergency work.

Sponsor will obtain CWA permit.

Mitigation Description:

A portion of the debris removal will be from the existing roadway.
Debris shall be disposed of off-site in an approved landfill.
Mitigation is expected to be minimal due to lack of riparian habitat in city limits.

Agencies, persons, and references consulted, or to be consulted:

U.S. Army Corps of Engineers- New Orleans district- Brian Breaux
Tangipahoa Parish Government
Gravity District Drainage 1
LDWF- Scenic Streams Permit with Keith Casio

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Section 3 Engineering Cost Estimate

Completed By: _____ Date: 09/13/2005

This section must be completed by each alternative considered (attach additional sheets as necessary)

Proposed Recovery Measure (including mitigation)	Quantity	Units	Unit Cost ($)	Amount ($)
				0.00
Obstruction Removal	~~1~~		~~26,250.00~~	~~26,250.00~~
Mobilization	1		5,000.00	5,000.00
Seeding	1		500.00	500.00
				0.00
revised DSR cost	n/A			0.00
Debris removal	1550	LF	25.00	0.00 38750
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
				0.00
Total Installation Cost (Enter in Section 1F)$				~~31,750.00~~ 44,250

n/A

Unit Abbreviations:

AC	Acre	LS	Lump Sum
CY	Cubic Yard	SF	Square Feet
EA	Each	SY	Square Yard
HR	Hour	TN	Ton
LF	Linear Feet	Other (Specifiy)	

Section 3
DSR 105-05-010 Engineering Cost Estimate
Ellzey/ Charles St. Bridge, Florida St. Bride, Phoenix St. Bridge
Hammond, LA

Site 1 Florida St./ W. Stanley Dead End Drainage Channel
Remove one large tree for 200′ and debris for stream – access from W. Stanley
Performance Time ≈ 2.5 days

Site 2 Phoenix Street Bridge Crossing
Remove one large tree ≈ 300′ S of crossing plus remove debris for 300′ of N crossing/ Light
Performance Time 2.0 days

Site 3 Ellzey/ Charles Street Bridge Crossing
One large tree for 300′ upstream
Two medium size trees plus debris for 300′ d/s of channel
Performance Time 3 days

TOTAL PERFORMANCE TIME 7.5 DAYS = 75 HOURS

1 Loader	≈	$ 80.00/ hr	x 75 hrs	=	$ 6,000.00
2 Dump Truck	2 x	$ 50.00/ hr	x 75 hrs	=	$ 7,500.00
1 Foreman		$ 30.00/ hr	x 75 hrs	=	$ 2,250.00
2 Chainsaws	2 x	$ 30.00/ hr	x 75 hrs	=	$ 4,500.00
4 Laborers	4 x	$ 20.00/ hr	x 75 hrs	=	$ 6,000.00
			Channel Obstruction Removal	**=**	**$26,250.00**
			Mobilization	**=**	**$ 5,000.00**
			Seeding	**=**	**$ 500.00**
					$31,750.00

Total Engineer Estimate $ 31,750.00

9/29/05
Date

Karl J. Barry
Karl Barry
Agricultural Engineer

DSR NO: 105-05-010

Section 4 NRCS EWP Funding Priority

Complete the following section to compute the funding priority for the recovery measures in this application (see instructions on page 10).

Priority Ranking Criteria	Yes	No		Ranking Number Plus Modifer
1. Is this an exigency situation?	☑	☐		1
2. Is this a site where there is serious, but not immediate threat to human life?	☐	☐		
3. Is this a site where buildings, utilities, or other important infrastructure components are threatened?	☐	☐		
4. Is this site a funding priority established by the NRCS Chief?	☐	☐		
The following are modifiers for the above criteria			**Modifier**	
a. Will the proposed action or alternatives protect or conserve federally-listed threatened and endangered species or critical habitat?				
b. Will the proposed action or alternatives protect or conserve cultural sites listed on the National Register of Historic Places?				
c. Will the proposed action or alternatives protect or conserve prime or important farmland?				
d. Will the proposed action or alternatives protect or conserve existing wetlands?				
a. Will the proposed action or alternatives maintain or improve current water quality conditions?			e	
f. Will the proposed action or alternatives protect or conserve unique habitat, including but not limited to, areas inhabited by State-listed species, fish and wildlife management area, or State identified sensitive habitats?				

Enter priority computation in Section 1A, NRCS Entry, Funding priority number.

Remarks:

DSR NO: 105-05-010

Section Finding

FindingIndicate the preferred alternativ e from Section 2 Enter to Section E

I have considered the effects of the action and the alternatives on the Environmental Economic, Social; the Special Environmental Concerns; and the extraordinary circumstances (40 CFR 1508.27). I find for the reasons stated below, that the preferred alternative:

✓ Has been sufficiently analy zed in the EWP PEIS (reference all that apply)

Chapter 5.2.2.1.2
Chapter 5.2.2.2.1
Chapter
Chapter
Chapter

May require the preparation of an environmental assessment or environmental impact statement
The action will be referred to the NRCS State Office on this date:

NRCS representative of the DSR team

Title: Donny Latiolais Date: 09/28/2005

Section B Comments:

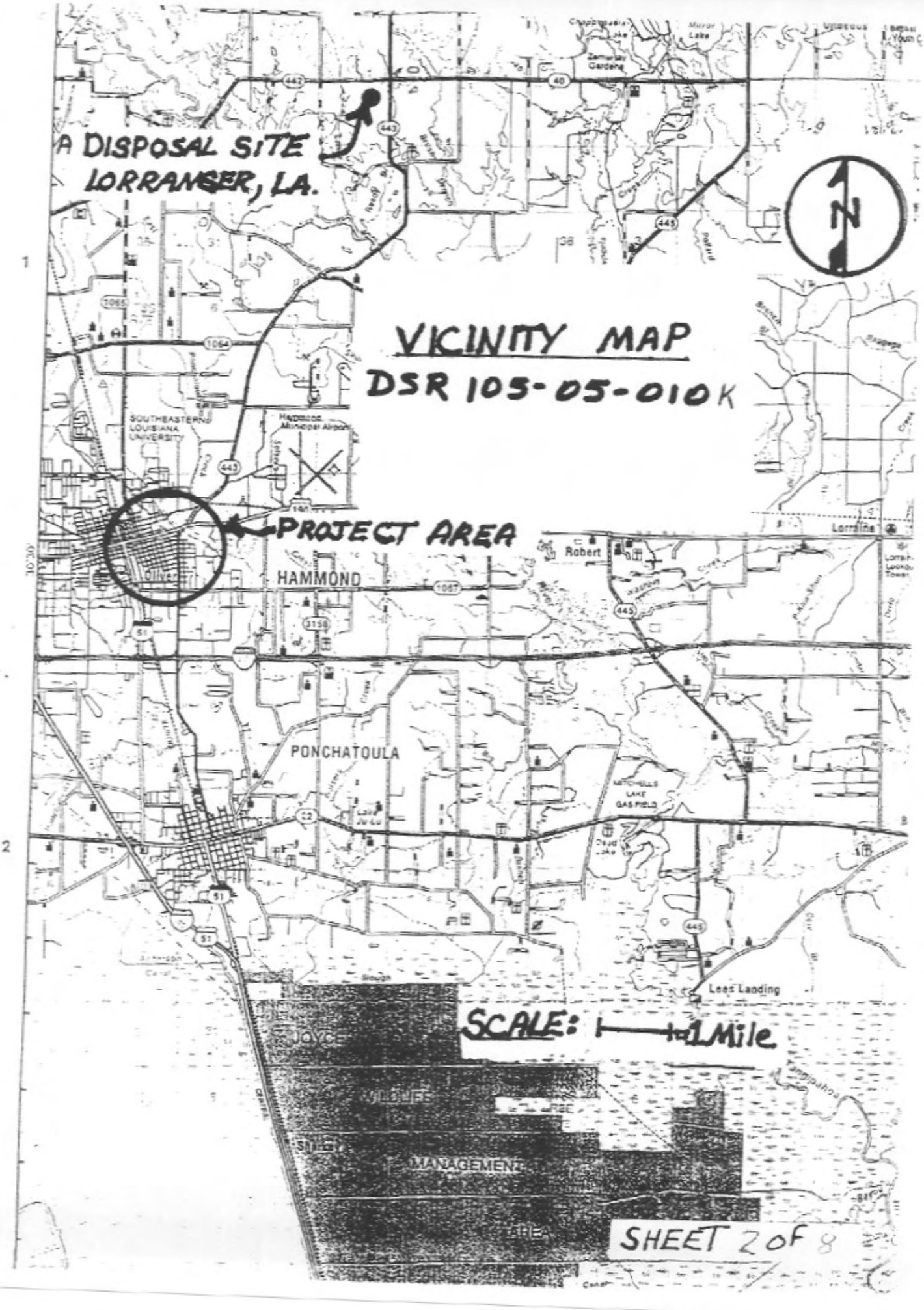
Section C **Sponsor Concurrence:**

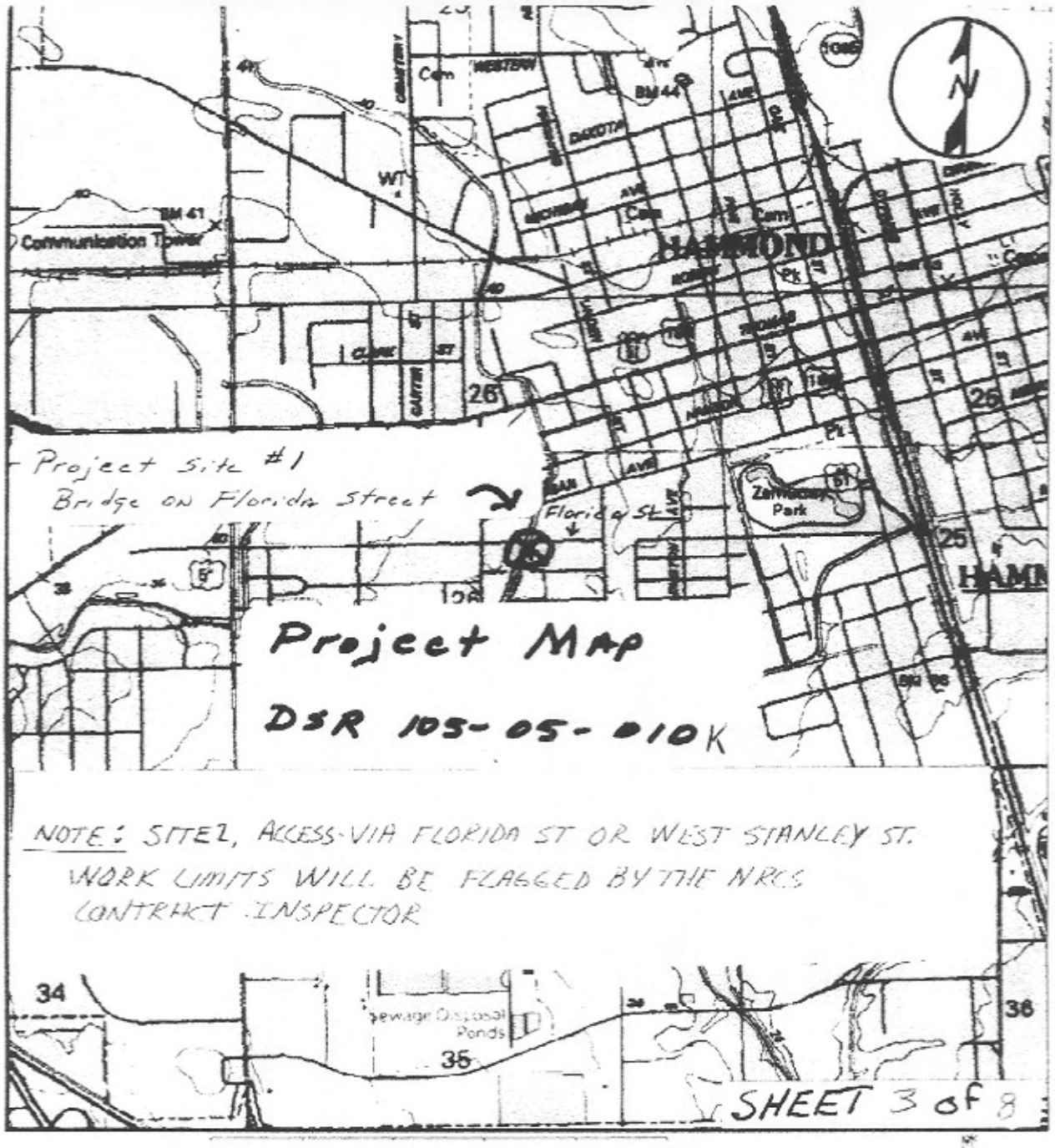
Sponsor Representative

Title: Administrator Date: September 30, 2005

Section Attachments:

A. Location Map
B. Site Plan or Sketches
C. Other (explain)


A DISPOSAL SITE
LORRANGER, LA.
VICINITY MAP
DSR 105-05-010K
PROJECT AREA
SOUTHEASTERN LOUISIANA UNIVERSITY
Hammond Municipal Airport
Oliver
HAMMOND
Robert
Lorraine
PONCHATOULA
MITCHELLS LAKE GAS FIELD
Lees Landing
JOYCE
MANAGEMENT
SCALE: 1 Mile
SHEET 2 OF 8

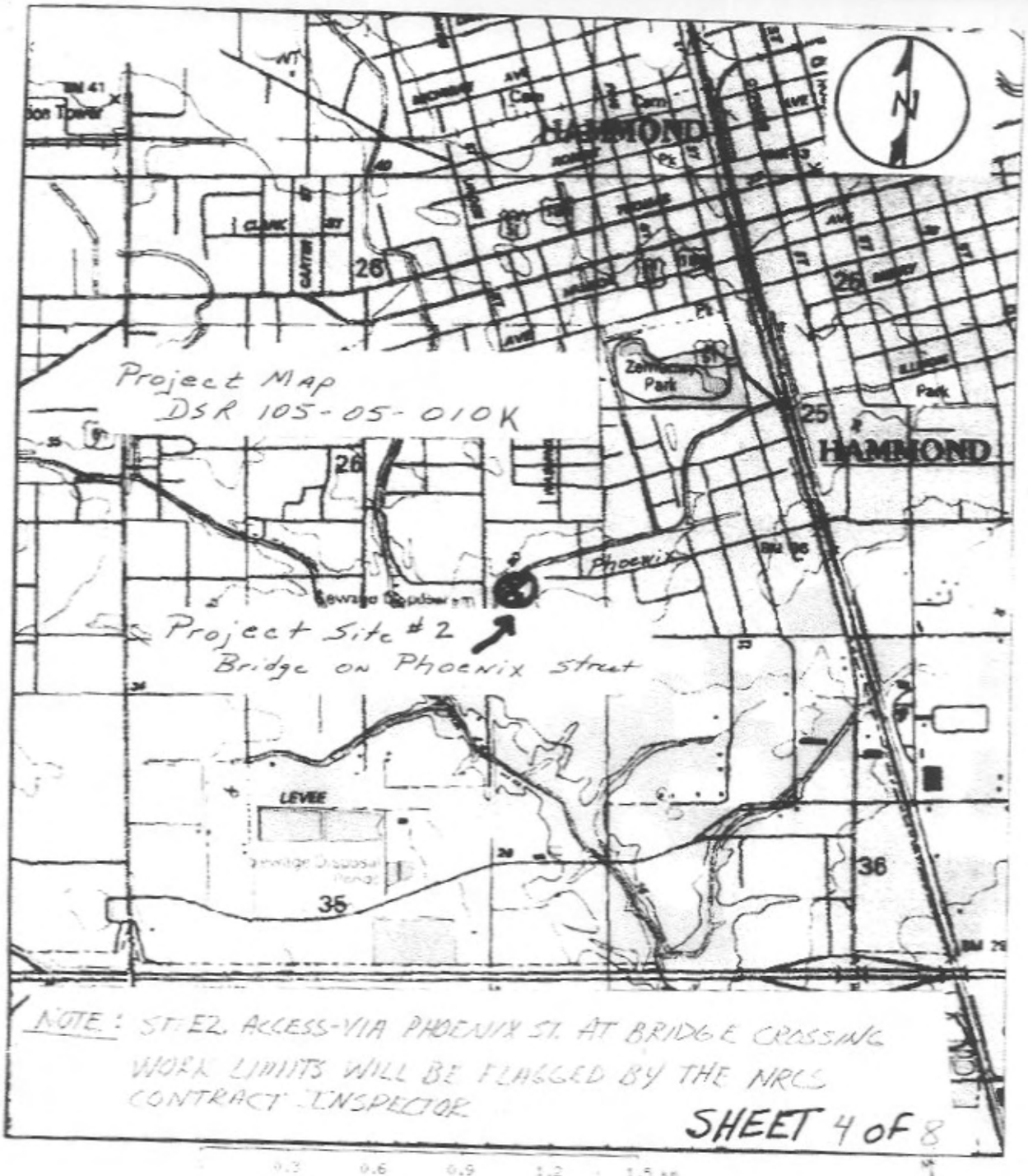


0 0.3 0.6 0.9 1.2 1.5 km

0 0.2 0.4 0.6 0.8 1 mi

Map center is 30° 29' 50"N, 90° 28' 21"W (WGS84/NAD83)
Ponchatoula quadrangle
Projection is UTM Zone 15 NAD83 Datum

M=0.809
G=1.283



0.3 0.6 0.9 1.2 1.5 km

0.2 0.4 0.6 0.8 1 mi

Map center is 30° 29' 30"N, 90° 28' 08"W (WGS84/NAD83)

Ponchatoula quadrangle

Projection is UTM Zone 15 NAD83 Datum

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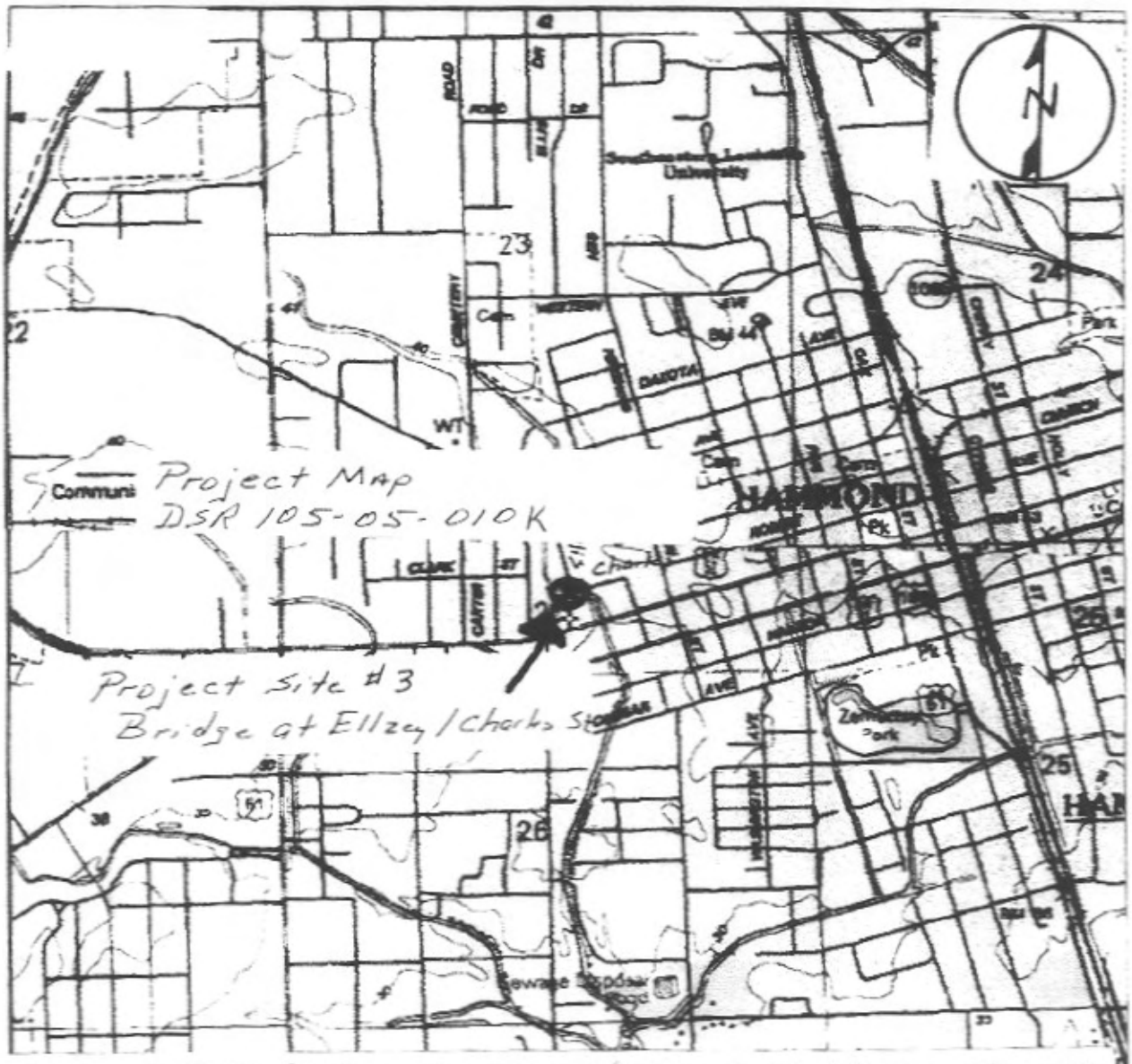

NOTE: SITE 3 ACCESS - VIA ELLZEY/CHARLES ST BRIDGE CROSSING
WORK LIMITS WILL BE FLAGGED BY THE NRCS
CONTRACT INSPECTOR

SHEET 5 of 8

0 0.3 0.6 0.9 1.2 1.5 km

0 0.2 0.4 0.6 0.8 1 mi

Map center is 30° 30' 06"N, 90° 28' 25"W (WGS84/NAD83)
Hammond quadrangle
Projection is UTM Zone 15 NAD83 Datum

M=0.809
G=1.283