

**U.S. Department of Transportation
Federal Highway Administration**

and

Louisiana Department of Transportation and Development

**ENVIRONMENTAL ASSESSMENT
WITH FINDING OF NO SIGNIFICANT IMPACT**

for

State Project Nos. 424-04-0026 & 424-04-0032
F.A.P. Nos. NH-11-04(009) & Not Yet Assigned
US 90 Interchanges at LA 85 & LA 668
Route: US 90
Iberia Parish



March 2001

FEDERAL HIGHWAY ADMINISTRATION
FINDING OF NO SIGNIFICANT IMPACT
FOR
STATE PROJECT NO. 424-04-0026 & 424-04-0032
F.A.P. NO. NH-11-04(009) & Not Yet Assigned
US 90 INTERCHANGE @ LA 85 & LA 668
ROUTE US 90
IBERIA PARISH

The FHWA has determined that this project will not have any significant impact on the human environment. This Finding of No Significant Impact (FONSI) is based on the Environmental Assessment which has been independently evaluated by the FHWA and determined to adequately and accurately discuss the environmental issues and impacts of the proposed project. It provides sufficient evidence and analysis for determining that an environmental impact statement is not required.

APPROVED
Wile C. Farr
WILLIAM C. FARR
PROGRAM OPERATIONS MANAGER
FEDERAL HIGHWAY ADMINISTRATION
DATE 2-20-01

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Summary of Mitigation and Permits

In sum, the existing intersections of US 90 with LA 85 and LA 668 will be replaced with a grade-separated diamond interchange. Also as part of this construction project, an overpass is planned to be built, where US 90 will go over the railroad.

A storm water permit will be required. Additionally, the contractor will be required to adhere to provisions of the Louisiana Standard Specifications for Roads and Bridges concerning erosion control. Other federal, state, and local permits may be required.

Traffic will be maintained during construction.

This project lies within a Coastal Zone Management Area. However, the proposed activities are exempt and a Coastal Use Permit is not required.

Iberia Parish is located above the Chicot aquifer. Coordination with the Environmental Protection Agency (EPA) is currently on-going. We expect to have a response from them prior to issuance of a Finding of No Significant Impact (FONSI) for these projects.

6. Cultural and 106 Impacts (If yes, use attachment)

	NO	YES
a. Section 4(f) or 6(f) lands	(X)	()
b. Historic sites/structures (106) (existing or pre-existing)	(X)	()
c. Archaeological sites	(X)	()
d. Cemeteries	(X)	()
e. Historic Bridges	(X)	()

7. Wetlands (Attach wetlands finding, if applicable)

	NO	YES
a. Are wetlands being affected?	(X)	()
b. Can C.O.E. Nationwide Permit be used?	()	()

8. Natural Environment (use attachment if necessary)

	NO	YES
a. Endangered/Threatened Species/Habitat	(X)	()
b. Within 100 Year Floodplain?	(X)	()
Is project an encroachment in Floodplain?	(X)	()
Is encroachment "significant" as defined by 23 CFR 650?	(X)	()
c. In Coastal Zone Management Area?	()	(X)
Is project in compliance?	()	(X)
d. Coastal Barrier Island (Grand Isle only)	(X)	()
e. Farmlands (use form AD 1006 if necessary)	(X)	()
f. Is project on Sole Source Aquifer?	()	(X)
Is there any impact on aquifer?	(X)	()
Is coordination with EPA necessary?	()	(X)
g. Natural & Scenic Stream (_____)	(X)	()
Applied for a Class B Permit?	()	()

9. Physical Impacts (use attachment if necessary)

	NO	YES
a. Is a noise analysis warranted (Type I project)	()	(X)
Are there noise impacts based on violation of the (NAC)?	(X)	()
Are there noise impacts based on the 10 dBA increase?	(X)	()
Are noise abatement measures reasonable and feasible?	(X)	()
b. Is an air quality study warranted?	(X)	()
Do project level air quality levels exceed the NAAQS for CO?	()	()
c. Is project in a non-attainment area for Carbon monoxide (CO), Ozone (O ₃), Nitrogen dioxide (NO ₂), or Particulates (PM-10)?	(X)	()
d. Is project in an approved Transportation Plan, Transportation Improvement Program (TIP) and State Transportation Improvement Program (STIP)?	()	(X)
e. Are construction air, noise, & water impacts major?	(X)	()
f. Are there any known waste sites or U.S.T.s?	(X)	()
Will these sites be tested prior to purchase of right-of-way?	()	()

10. Social Impacts (use attachment if necessary)

	NO	YES
a. Land use changes	(X)	()
b. Churches and Schools	(X)	()
c. Title VI Considerations	(X)	()
d. Will any specific groups be adversely affected (i.e., minorities, low-income, elderly, disabled, etc.)?	(X)	()
e. Hospitals, medical facilities, fire police	(X)	()
f. Transportation pattern changes	(X)	()
g. Community cohesion	(X)	()
h. Are short-term social/economic impacts due to construction considered major?	(X)	()
i. Do conditions warrant special construction times (i.e., school in session, congestion)?	(X)	()
j. Will the roadway be closed?	(X)	()
k. Will a detour bridge be provided?	(X)	()
l. Will a detour route be signed?	(X)	()

11. Other

Preparer: Rebecca B. Lala 
Date: January 20, 1999

Attachments

- (X) S.O.V. and Responses
- (X) Wetlands Analysis
- () Project Description Sheet
- () Conceptual Stage Relocation Plan
- (X) Noise Analysis
- () Air Analysis
- () Exhibits and/or Maps
- () 4(f) Evaluation
- () Form AD 1006 (Farmlands)
- () 106 Documentation
- () Other _____

1. DESCRIPTION OF THE PROPOSED ACTION

US 90 Interchange @ LA 85 and Railroad Overpass

The proposed project calls for the construction of a grade-separated diamond interchange to replace the existing US 90 intersection with LA 85 in Iberia Parish (See Figure 1). Two new parallel overpasses on US 90 will be required, each approximately 576 m (1890 ft) long. A minimum amount of work is required on LA 85, an existing 2-lane highway with left turn lanes. The total length of the project will be approximately 2835 m (9300 ft). (915 m (3000 ft) west of LA 85 and 1920 m (6300 ft) east of LA 85).

An at-grade railroad crossing is located just east of the LA 85 interchange area. This spur services the Enterprise Plantation Sugar Mill. As part of this construction project, an overpass is planned to be built at a later date, where US 90 will go over the railroad. The existing frontage roads will be used as a detour route. The frontage roads will be reconstructed prior to using them as a detour route. No additional right-of-way or servitude will be required for this overpass. A typical section is shown in Figure 3.

There is currently no letting date scheduled for the US 90/LA 85 interchange project.

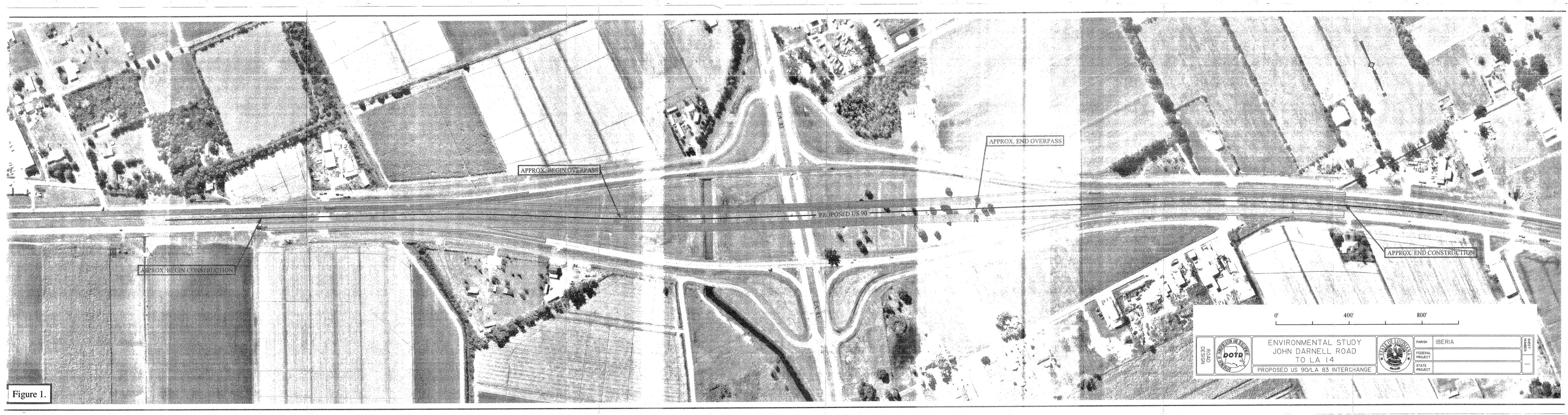
US 90 Interchange @ LA 668

The proposed project calls for the construction of a grade separated, diamond interchange in order to replace the existing US 90 intersection with LA 668 in Iberia Parish (See Figure 2). The proposed project will be designed to allow the existing lanes of US 90 to provide access via ramps with LA 668, while requiring an elevated US 90 overpass to be constructed over the existing LA 668 intersection. This project will facilitate through and turning movements at this intersection. The Logical Termini for LA 668 and LA 85 are from LA 668 to John Darnell Road.

US 90 consists of four lanes, 3.6 meters (12 ft) in width with 3.0 m (10 ft) outside, 1.8 m (6 ft) inside paved shoulders. The 1999 ADT was 13,860 vehicles and the estimated ADT for design year 2022 is 17,675 vehicles. The design speed will be 70 mph.

LA 668 is a state highway consisting of four lanes, 3.6 m (12 ft) in width with 3.0 m (10 ft) wide surfaced shoulders and has no controlled access to US 90 at this time. The 1996 ADT was 3,566 vehicles and the estimated ADT for design year 2021 is 4,350 vehicles. No improvements are proposed for LA 668 in the scope of this project. A typical section is shown in Figure 3.

The current letting date for the US 90/LA 668 interchange project is April, 2001,



APPROX. BEGIN CONSTRUCTION

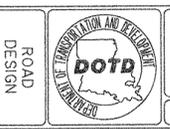
APPROX. BEGIN OVERPASS

PROPOSED US 90

APPROX. END OVERPASS

APPROX. END CONSTRUCTION

0' 400' 800'



ENVIRONMENTAL STUDY
JOHN DARNELL ROAD
TO LA 14



PARISH	IBERIA	SHEET NUMBER 1
FEDERAL PROJECT		
STATE PROJECT		

PROPOSED US 90/LA 83 INTERCHANGE

Figure 1.

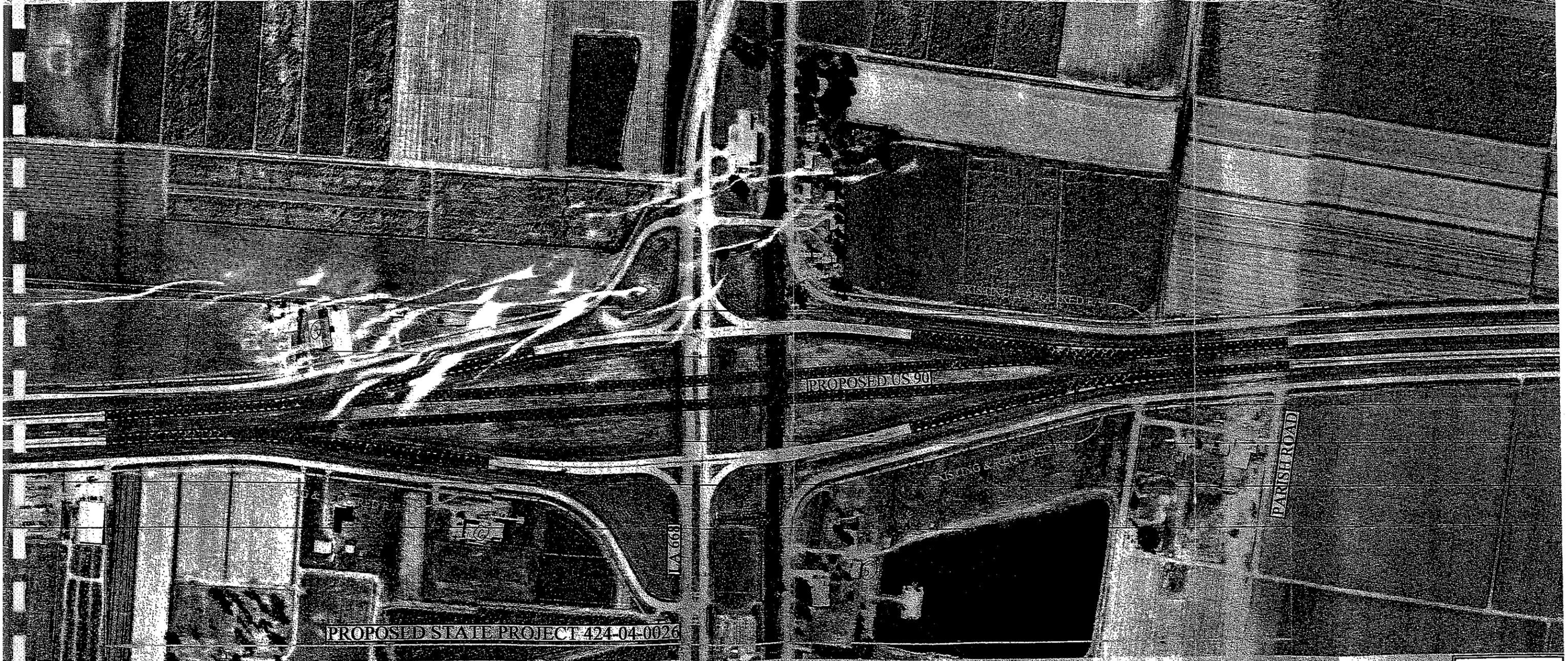


Figure 2.

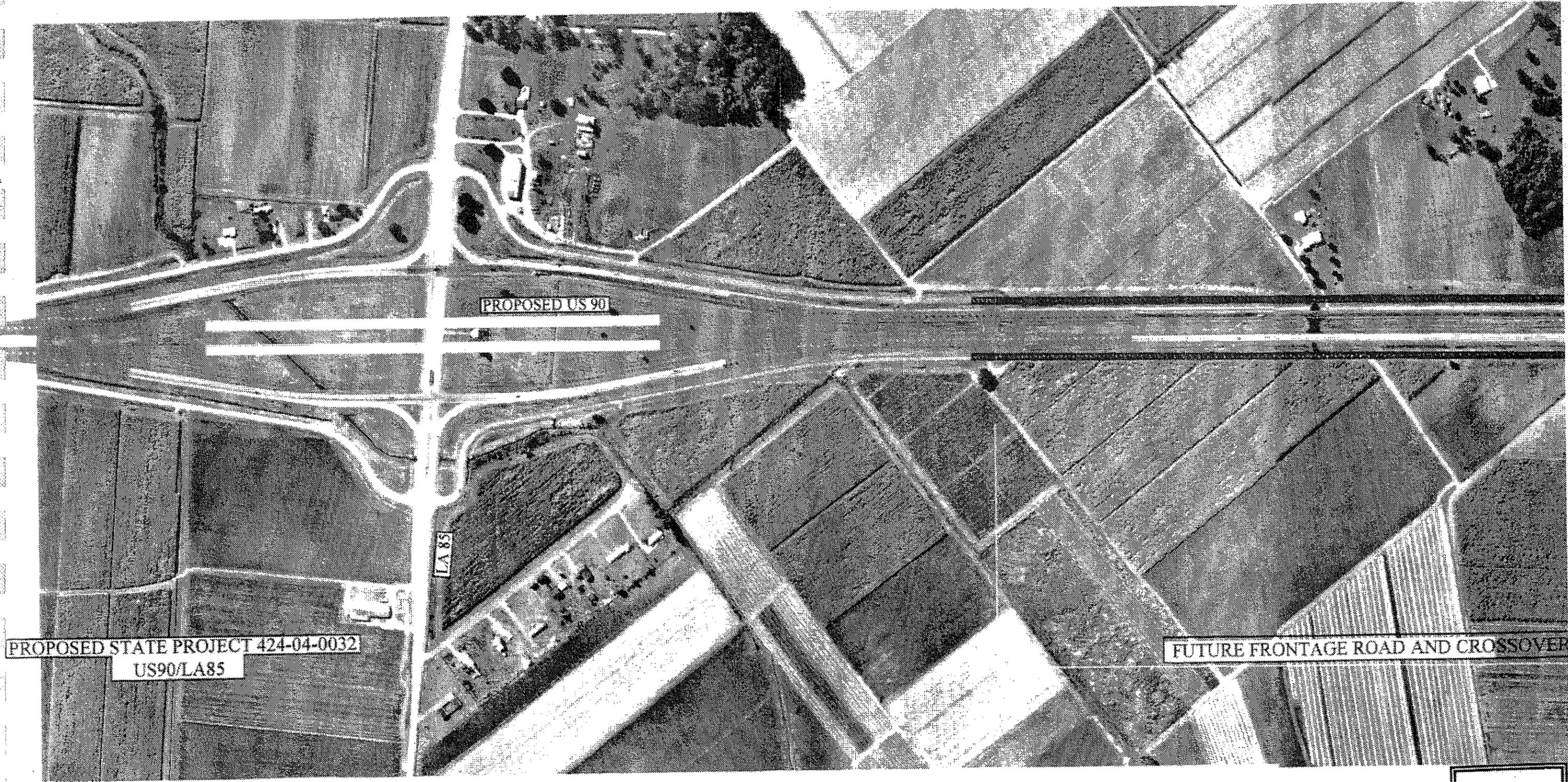


Figure 3



FUTURE FRONTAGE ROAD AND CROSSOVER REMOVAL PROJECT

0' 400' 800'

Figure 3

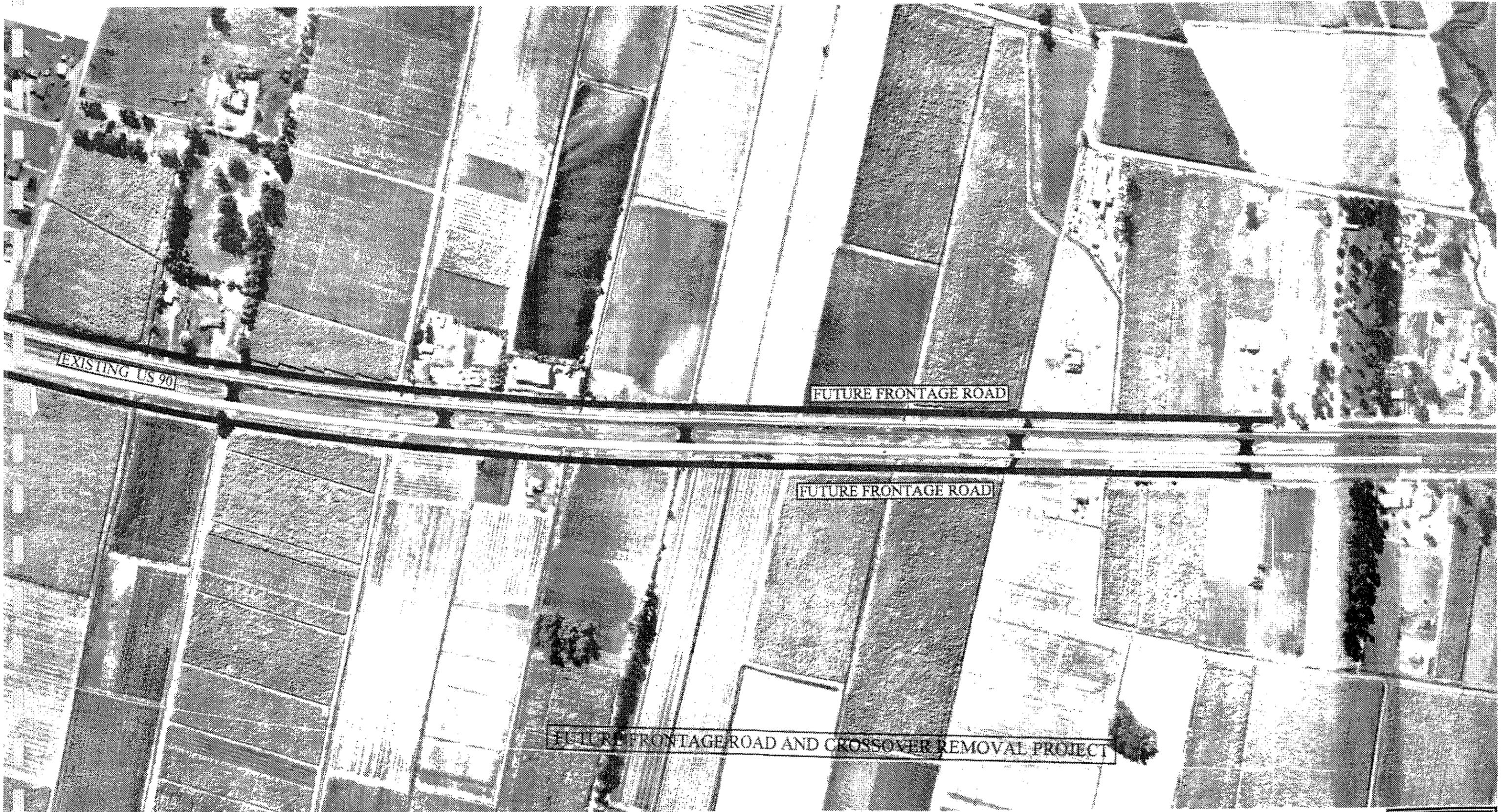


Figure 3



FUTURE FRONTAGE ROAD

PROPOSED US 90

FUTURE FRONTAGE ROAD

JOHN DARNELL ROAD

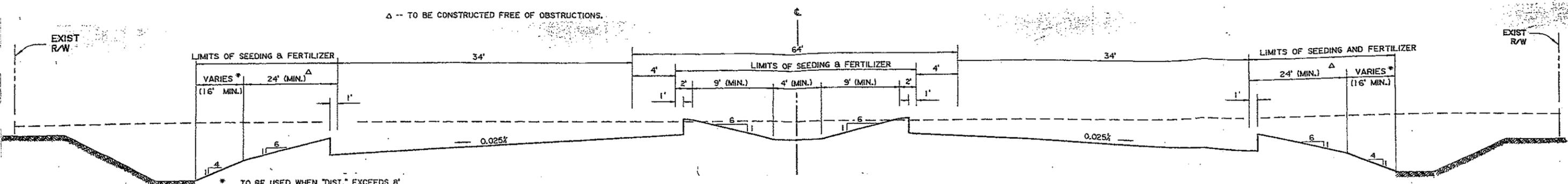
PROPOSED STATE PROJECT 424-04-0027

CROSSOVER REMOVAL PROJECT

Figure 3

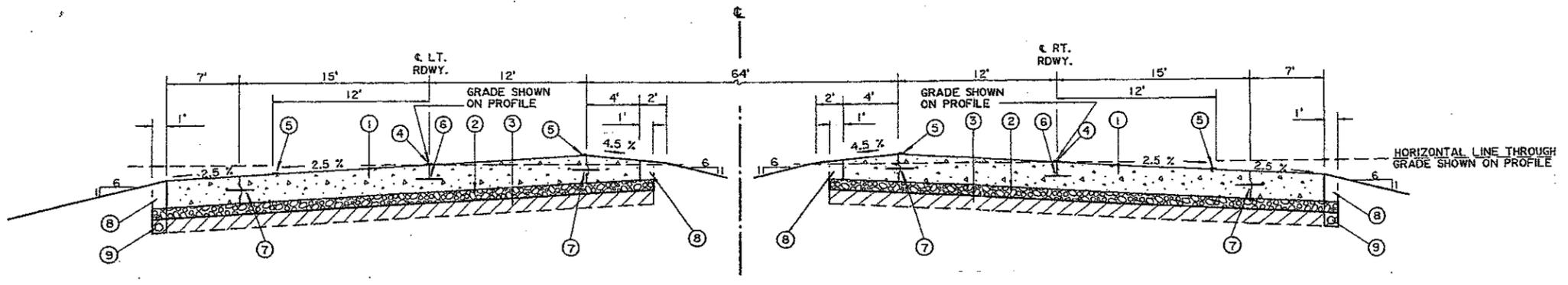


F.A.P.	STATE PROJECT	PARISH	SHEET NO.



TYPICAL GRADING SECTION

- ① PORTLAND CEMENT CONCRETE PAVEMENT
- ② CRUSHED STONE OR RECYCLED PCCP
- ③ SUBGRADE LAYER
- ④ PAVEMENT STRIPING & REFLECTORIZED MARKERS
- ⑤ PAVEMENT STRIPING
- ⑥ LONGITUDINAL JOINT
- ⑦ LONGITUDINAL CONSTRUCTION JOINT
- ⑧ EMBANKMENT MATERIAL (NO DIRECT PAY)
- ⑨ SHOULDER UNDERDRAIN



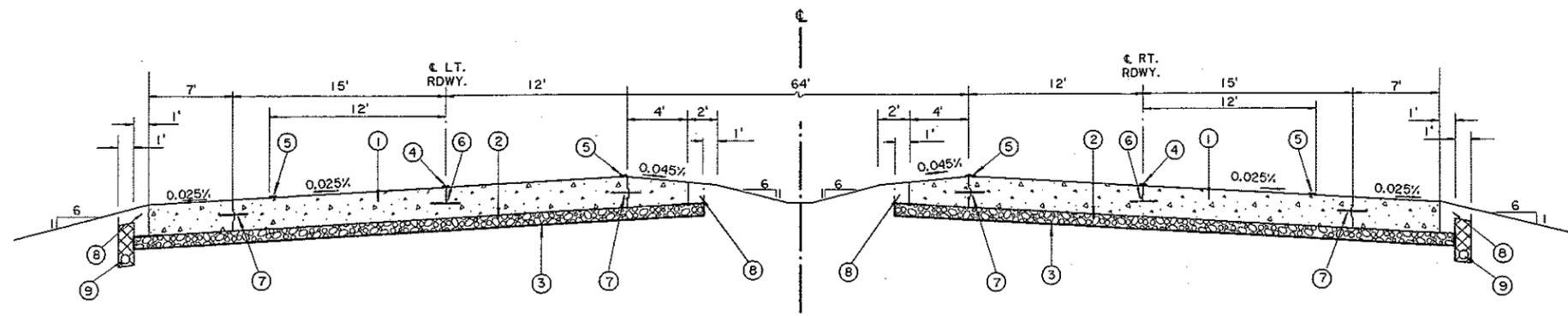
TYPICAL FINISHED SECTION

Figure 4

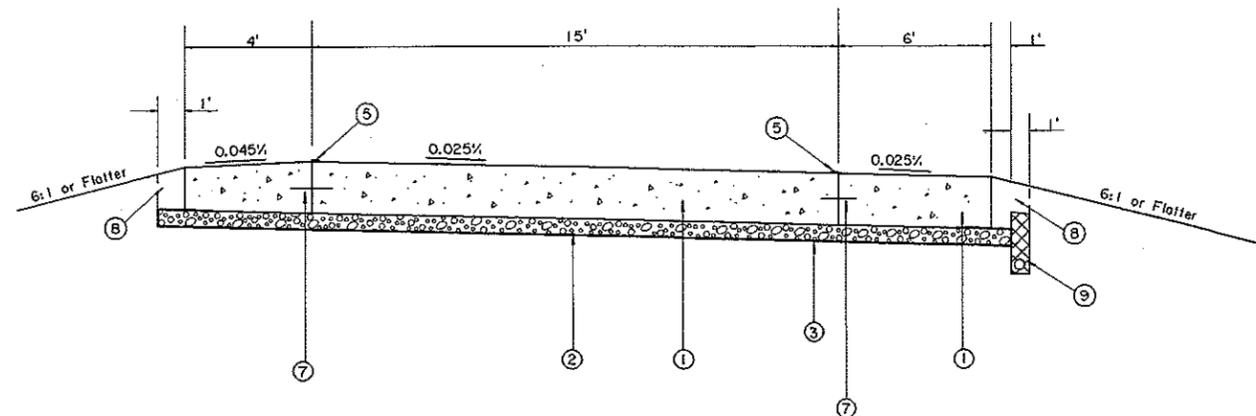
TYPICAL SECTIONS AND DETAILS	
US 90	
STATE OF LOUISIANA	
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT	
DESIGNED ROAD DESIGN	DATE
CHECKED	FILENAME

DATE	DESCRIPTION	BY

F.A.P.	STATE PROJECT	PARISH	SHEET NO.
HP-NH-T02(K012)	424-04-0033	IBERIA	

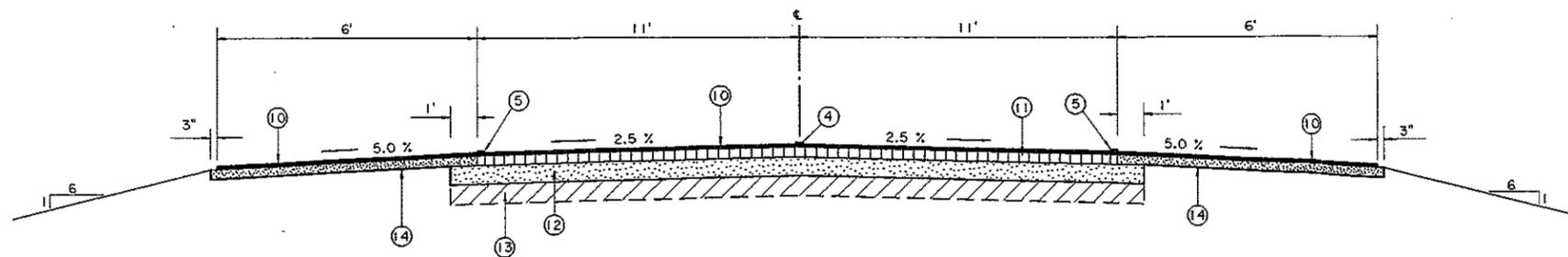


TYPICAL FINISHED SECTION (US 90)



TYPICAL US 90 RAMPS

- ① PORTLAND CEMENT CONCRETE PAVEMENT
- ② CLASS II BASE COURSE
- ③ GEOTEXTILE FABRIC
- ④ PAVEMENT STRIPING & REFLECTORIZED MARKERS
- ⑤ PAVEMENT STRIPING
- ⑥ LONGITUDINAL JOINT
- ⑦ LONGITUDINAL CONSTRUCTION JOINT
- ⑧ EMBANKMENT MATERIAL (NO DIRECT PAY)
- ⑨ SHOULDER UNDERDRAIN
- ⑩ ASPHALTIC CONCRETE (WEARING COURSE) (TYPE 3)
- ⑪ ASPHALTIC CONCRETE (BINDER COURSE) (TYPE 3)
- ⑫ BASE COURSE
- ⑬ SUBGRADE LAYER
- ⑭ ASPHALTIC CONCRETE (BASE COURSE) (TYPE 5A)



TYPICAL FINISHED SECTION (FRONTAGE ROAD)

Figure 5

TYPICAL SECTIONS AND DETAILS		
DATED JUNE 2000		
STATE OF LOUISIANA DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT		
DESIGNED	DETAILED	GRAPHIC AREA
CHECKED	CHECKED	FILENAME

DATE	DESCRIPTION	BY
REVISIONS		

and will take approximately 2-2 ½ years to construct.

The estimated construction costs for these projects are \$11,500,000 for each interchange and \$9,000,000 for the railroad overpass.

Construction of Frontage Roads from LA 85 to John Darnell Road and Closure of Median Crossovers

The proposed project calls for the completion of the frontage road system from LA 85 to John Darnell Road. It is anticipated that the frontage roads can be constructed within the existing right-of-way. The typical section for the frontage roads will consist of two 11ft. lanes with 6ft. shoulders. The frontage road construction will be a separate project from the interchange construction projects. No date has been set for the frontage road project.

Existing median crossovers on US 90 will be removed with the construction of the interchanges and completion of the frontage roads. No schedule has been set for the closure of the crossovers.

2. PURPOSE AND NEED

The purpose of the proposed projects is to construct two grade-separated rural diamond interchanges to replace the existing at-grade US 90/LA 85 & US 90/LA 668 interchanges in Iberia Parish. The construction of these interchanges is a positive step towards turning US 90 into an interstate (I-49).

Separating the US 90/LA 85 & US 90/LA 668 intersections by constructing the proposed interchanges will allow traffic on US 90 to flow continuously through the interchanges without having to yield or stop for cross-road traffic, thereby providing for safer intersections. Exits off US 90 and entrances onto US 90 from cross-roads will have to be through designated ramps only. Access to businesses along US 90 will be by frontage roads when full control of access is implemented.

3. ALTERNATIVES CONSIDERED

Proposed Action Alternative

The proposed action, or the preferred alternative, is to replace the existing US 90 intersections at LA 668 and LA 85 with grade separated, diamond interchanges. The proposed project will be designed to allow the existing lanes of US 90 to provide access via ramps to LA 668 and LA 85. New east and west bound frontage roads will also be constructed at a later date to connect the existing frontage roads between LA 85 and John

Darnell Road. The existing crossover lanes will be removed after the frontage roads have been constructed.

No-Action Alternative

The no-action, or no-build alternative would leave the intersections as they are now. Traffic will continue to have to yield or stop for cross-road traffic. The traffic flow will continue to be interrupted, which will not allow for US 90 to be upgraded to an interstate (I-49). This alternative does not meet the purpose and need for these projects.

Other Alternatives

Upon coordinating with the public, other alternatives were suggested. It was suggested that an interchange be located at Hubertville Road. The Hubertville Road interchange could be in addition to both LA 668 and LA 85, or in lieu of either LA 668 or LA 85.

The Department studied these scenarios, and it was found that the distance between the interchanges in any of these scenarios would be less than the minimum 3 miles required in rural areas. Therefore, the Department will not pursue these alternatives any further.

4. IMPACTS

Current Land Use

Current land use is mostly residential, with a few commercial properties.

Traffic Impacts

During construction, there will be temporary inconveniences to residences as well as businesses. The construction of each interchange is estimated to last between 2 and 2 ½ years. The roadways will remain open during construction.

Traffic Indirection Caused by Closure of Median Crossovers and Construction of Frontage Roads.

Some indirection of Local traffic will be caused by the closure of the median crossovers and completion of the frontage roads. Access to US 90 will only be provided at the interchange locations. Access to adjacent properties along US 90 will be provided by the frontage roads. Existing access to US 90 will continue to be provided by permit until the

frontage roads are constructed

Socioeconomic Impacts

According to the 1990 Census, the population of Louisiana was 4,218,190. In the same year, the populations for Iberia Parish and Jeanerette were 68,297 and 6,205. The Louisiana population was composed of 68% white and 32% non-white. The white/non-white percentages for Iberia Parish and Jeanerette were 69/31 and 46/54, respectively.

In 1990, the per capita income for Louisiana was \$10,635. In the same year, the per capita incomes for Iberia Parish and Jeanerette were \$9,466 and \$6,792. In Louisiana, 23.6% of the population was below poverty level. In Iberia Parish, 26% of the population was below poverty level, while in Jeanerette, 36% of the population was below poverty level.

According to these statistics, Iberia Parish has comparable percentages of minorities and incomes to the state, but Jeanerette has higher percentages of both non-white population and population below poverty level.

1990 Census Data

	Population	% White	% Non-white	Per Capita Income	% Below Poverty
Louisiana	4,218,190	68	32	\$10,635	23.6
Iberia Parish	68,297	69	31	\$9,466	26
Jeanerette	6,205	46	54	\$6,792	36

The projected populations in 2020 are as follows:

2020 Projections*

	Population	% White	% Non-white
Louisiana	4,991,410	62	38
Iberia Parish	83,930	61	39

*Louisiana Population Data Center, Louisiana State University

Implementation of the proposed projects should not produce any long-term social

impacts upon the area. Accessibility to neighborhood functions, changes in neighborhood facilities and services, and disruption of community cohesion are not anticipated. Construction will create only short-term inconveniences.

Noise Impacts

Noise studies for both intersections were performed using the Federal Highway Administration's (FHWA) latest noise model, TNM. The Noise Studies are attached as Appendix B.

The noise study which was performed for the intersection of US 90 & LA 85 indicated the following:

a. Existing Road

Activity Category B receivers (churches, schools, residences, etc.) experiencing highway noise levels at or above 66 dBA are considered impacted. The noise study indicated that none of the receptors along the proposed project area have existing noise levels that meet or exceed the LA DOTD Noise Abatement Criteria. By the year 2020, three sensitive receivers will experience noise levels at or above 66 dBA.

b. Proposed Road

With the build alternative, four sensitive receivers will have a noise level of 66 dBA or above.

c. Abatement

When an impact occurs abatement is considered. Abatement measures are implemented if they are both reasonable and feasible. The abatement measures considered were 1) traffic management measures, 2) alteration of horizontal and vertical geometry, 3) construction of noise barriers, and 4) noise insulation of public use or nonprofit institutional structures. All abatement measures were evaluated, but none were both reasonable and feasible.

The noise study which was performed for the intersection of US 90 & LA 668 indicated that none of the receptors along the proposed project area have existing noise levels that meet or exceed the LA DOTD Noise Abatement Criteria. The future no-build, the build, and the future build alternatives do not have any modeled impacts. No noise abatement methods are needed.

Air Impacts

A project level air quality analysis is required for the following projects:

- 1) All Environmental Impact Statements (EIS's)
- 2) Capacity expansion in Urban/Rural areas (i.e. adding of lanes)
- 3) Carbon Monoxide (CO) Non-attainment areas

These projects are not capacity expansions. In addition, Iberia Parish is not a non-attainment parish.

For these reasons, a project level air quality analysis is not required for this project.

Historic/Cultural Impacts

No properties on or eligible for listing on the National Register of Historic Places were identified in the Area of Potential Effect (APE). The State Historic Preservation Officer (SHPO) concurred that no historic properties will be affected in the APE. The SHPO's letter can be found in Appendix A.

Wetland Impacts and Soils

There are no jurisdictional wetlands that will be affected by the proposed interchange and the future construction of the frontage roads. Wetland Reports are attached to this document as Appendix C. According to the soil survey for Iberia Parish prepared by the U.S. Department of Agriculture, Soil Conservation Service (now known as the Natural Resources Conservation Service), the soil types found in the project area are Patoutville silt loam and Jeanerette silt loam.

The Patoutville silt loam is in tracts of 20 to 50 acres at intermediate and high local elevations on the terrace uplands. It is somewhat poorly drained and is loamy throughout. The slope is no more than 1 percent. It has high fertility, and has slow permeability and runoff. The soil is wet for long periods, mostly late in winter and early in spring. Wetness and low strength are the main limitations.

The Jeanerette silt loam is somewhat poorly drained, has moderately slow permeability and is loamy throughout. Runoff is slow and the soil is wet much of the time late in winter and in spring. Wetness and low strength are the main limitations.

Other Impacts

Iberia Parish lies within the Coastal Zone Management Area. However, the proposed activities are exempt and a Coastal Use Permit is not required. See the letter from the Department of Natural Resources in Appendix A.

No stream in the vicinity of these projects has been declared to be a part of the Louisiana Natural and Scenic Rivers System.

The U.S. Fish and Wildlife Service (USFWS) and the Louisiana Department of Wildlife and Fisheries (LDWF) were contacted to determine the presence or absence of any threatened or endangered species that may occur along the proposed alignments. Based on their review of our activities, the USFWS replied that "no further consultation is required". The LDWF reviewed their database and found that no rare, threatened, or endangered species or critical habitats were found within the area of the captioned projects. Both letters can be found in Appendix A.

Iberia Parish is located above the Chicot aquifer. Through coordination with the Environmental Protection Agency (EPA) it has been determined that there will be no adverse effect on the quality of the ground water (See Appendix A).

These project areas do not lie within the 100-year floodplain. A letter from the Floodplain Administrator can be found in Appendix A.

The Department is not requiring additional right-of-way for these projects. Therefore, these projects will not affect any prime or unique farmland. Furthermore, no Section 4(f) or 6(f) properties will be impacted by this project.

A storm water permit will be required. Other federal, state, and local permits may be required.

5. COMMENTS AND COORDINATION

Early in the planning stage, solicitation of views (SOV) data was sent to all appropriate federal, state, and local agencies and officials to identify possible adverse and beneficial social, economic or environmental effects of the proposed project.

These various agencies and individuals were solicited on March 8, 1999. The SOV letter and responses are attached in Appendix A. No negative responses were received.

Public Meeting Comments

A public meeting was held on September 7, 1999, at the City Hall, in Jeanerette. The following comments were mentioned at the meeting or written within 10 days after the meeting.

All of those who spoke at the meeting or sent in written comments support the reconstruction of the interchange at LA 85, as well as the interchange at LA 668, but they would like the Department to consider building a new interchange at Hubertville Road. One speaker also requested cost estimates for an interchange at Hubertville Road. They believe that Hubertville Road produces higher volumes of traffic than LA 668, and therefore feel that it would be more beneficial to have an interchange at Hubertville Road than to reconstruct the interchanges at LA 85 and LA 668. The Representative also mentioned that nobody at the meeting was against either of the projects at LA 85 and LA 668, but they are concerned that if the interchange at LA 85 is reconstructed, then an interchange at Hubertville Road would never be built because of their proximity to each other.

The Department did consider these suggestions, and the results are discussed under the section entitled "Other Alternatives" on page 9.

Public Hearing Comments

A public hearing was held on January 23, 2001, at the City Hall, in Jeanerette. The following comments were mentioned at the meeting or written within 10 days after the meeting.

All of those who spoke at the hearing or sent in written comments support the reconstruction of the interchange at LA 85, as well as the interchange at LA 668. Some written statements suggested that LA 668 and LA 671 be four laned into Jeanerette. This is out of the scope of the interchange project. Also, based on the traffic data for LA 668 and LA 671 four laneing would not be justified.

APPENDIX A



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
P. O. Box 94245
Baton Rouge, Louisiana 70804-9245



M. J. "MIKE" FOSTER, JR.
GOVERNOR

KAM K. MOVASSAGHI
SECRETARY

March 8, 1999

**US 90 INTERCHANGES @ LA 668 AND LA 85
STATE PROJECT NOS. 424-04-0026 AND 424-04-0032
FAP NOS. (not yet assigned)
IBERIA PARISH**

SUBJECT: Solicitation of Views

Early in the planning stages of a transportation facility, views from federal, state and local agencies, organizations, and individuals are solicited. The special expertise of these groups can assist DOTD with the early identification of possible adverse economic, social or environmental effects or concerns. Your assistance in this regard will be appreciated.

Due to the earliness of this request for your views, very limited data concerning the proposed project exists. We have, however, attached a sketch map showing the general location of the project, along with a project description.

It is requested that you review the attached information and furnish us with your views and comments by **April 8, 1999**. Replies should be addressed to LA DOTD; Environmental Engineer Administrator; P.O. Box 94245; Baton Rouge, Louisiana, 70804-9245. Please reference the State Project Number(s) in your reply. If you should have any questions, please contact this office at (225)929-9190.

Sincerely,

Vincent Russo
Assistant Environmental Engineer

Jan Grenfell

Jan Grenfell
Environmental Impact Supervisor

VR/JG/ik
Attachments

**PRELIMINARY PROJECT DESCRIPTIONS FOR
US 90 INTERCHANGES @ LA 668 and LA 85**

It is anticipated that these projects will be processed together environmentally as an Environmental Assessment.

Existing median crossovers on US 90 will be removed with installation of the interchanges and completion of the frontage road systems.

Existing right-of-way is anticipated to be sufficient for completion of these projects. It is anticipated that no endangered species or wetlands will be impacted by these projects.

**US 90 INTERCHANGE @ LA 668
STATE PROJECT NO. 424-04-0026
FAP NO. (not yet assigned)
IBERIA PARISH**

The proposed project calls for the construction of a grade separated, diamond interchange in order to replace the existing US 90 intersection with LA 668 in Iberia Parish. The proposed project will be designed to allow the existing lanes of US 90 to provide access via ramps with LA 668, while requiring an elevated US 90 overpass to be constructed over the existing LA 668 intersection. This project will facilitate through and turning movements at this intersection.

US 90 consists of four lanes, 3.66 meters (12ft) in width with 3.05m (10ft) outside, 1.83m (6ft) inside paved shoulders. The 1994 ADT was 19,908 vehicles and the estimated ADT for design year 2014 is 35,953 vehicles. The design speed rating is 70mph.

LA 668 is a state highway consisting of four lanes, 3.66m (12ft) in width with 3.05m (10ft) wide surfaced shoulders and has no controlled access to US 90 at this time. The 1994 ADT was 2455 vehicles and the estimated ADT for design year 2014 is 3648 vehicles. No improvements are proposed for LA 668 in the scope of this project.

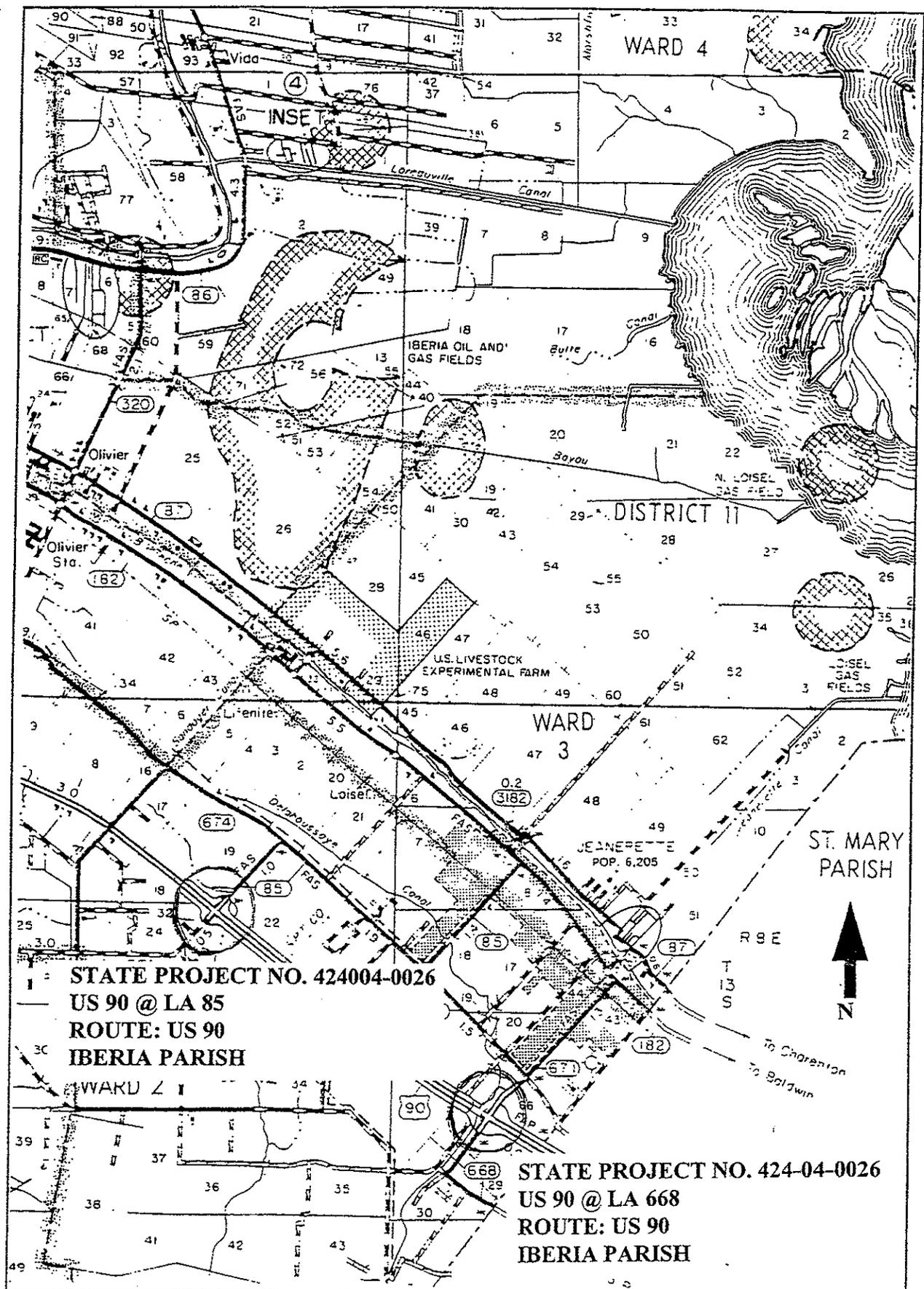
The current letting date for the US 90/ LA 668 interchange project is December, 2000.

**US 90 INTERCHANGE @ LA 85
STATE PROJECT NO. (424-04-0032)
FAP NO. (not yet assigned)
IBERIA PARISH**

The proposed project calls for the construction of a grade-separated diamond interchange in order to replace the existing US 90 intersection with LA 85 in Iberia Parish. Two new parallel overpasses on US 90 will be required, each approximately 7544m (2300ft) long. A minimum amount of work is required on LA 85, an existing 2-lane highway with left turn lanes. The total length of the project will be approximately 1950m (6400 ft) (975.36m (3200ft) north of LA 85 and 975m (3200ft) south of LA 85).

An at-grade railroad crossing is located just south of the LA 85 interchange area. This spur services the Enterprise Plantation Sugar Mill. As part of this construction project, a railroad overpass is planned to be built.

There is currently no letting date scheduled for the US 90/ LA 85 interchange project.



STATE PROJECT NO. 424004-0026
 US 90 @ LA 85
 ROUTE: US 90
 IBERIA PARISH

STATE PROJECT NO. 424-04-0026
 US 90 @ LA 668
 ROUTE: US 90
 IBERIA PARISH

STATE MAILING LIST

DPT OF TRANSPORTATION
FEDERAL AVIATION ADM
ATTN ASW-472
FT WORTH TX 76193

DPT OF WILDLIFE & FISHERIES
ECOLOGICAL STUDIES SECTION
P O BOX 98000
BATON ROUGE LA 70898-9000

REP W J TAUZIN
107 FEDERAL BUILDING
HOUMA LA 70360

DPT ECONOMIC DEVELOPMENT
OFFICE OF COMMERCE AND INDUSTRY
P O BOX 94185
BATON ROUGE LA 70804-9185

EXECUTIVE DIRECTOR
LA FORESTRY ASSOCIATION
P O DRAWER 5067
ALEXANDRIA LA 71301

REP JIM MCCRERY
6425 YOUREE DR #350
SHREVEPORT LA 71101-4600

DPT OF AGRI & FORESTRY
OFFICE OF FORESTRY
P O BOX 1628
BATON ROUGE LA 70821

CONGRESSMAN CHRIS JOHN
P O BOX 971
CROWLEY LA 70527

FEDERAL ACTIVITIES BR (6E-F)
US ENVIRON PROTECTION AGCY
1445 ROSS AVE
DALLAS TX 75202-2733

DPT OF AGRICULTURE & FORESTRY
OFFICE OF SOIL/WATER CONSERV
P O BOX 3554
BATON ROUGE LA 70821-3554

REP ROBERT L LIVINGSTON
111 VETERANS BLVD SUITE 700
METAIRIE LA 70005

DPT OF CULTURE REC & TOUR
DIVISION OF ARCHAEOLOGY
P O BOX 44247
CAPITOL ANNEX 3RD
BATON ROUGE LA 70804

DPT OF PUBLIC SAFETY
HIGHWAY SAFETY COMMISSION
P O BOX 66336
BATON ROUGE LA 70896

REP RICHARD H BAKER
5757 CORPORATE BLVD
SUITE 104
BATON ROUGE LA 70808

LISA MILLER
DPT OF ENVIRONMENT QUALITY
P O BOX 82231
BATON ROUGE LA 70884-2178

REP WILLIAM J JEFFERSON
501 MAGAZINE ST
SUITE 1012
NEW ORLEANS LA 70130

LA DPT OF NATURAL RESOURCES
OFFICE OF CONSERVATION
P O BOX 94275 (625 NORTH 4TH)
BATON ROUGE LA 70804-9275

CURTIS F HOGLAN/LAF ECON
2014 WEST PINHOOK ROAD, SUITE 100
LAFAYETTE LA 70508-3289

DPT OF WILDLIFE & FISHERIES
ATTN MR MAURICE WATSON
P O BOX 98000
BATON ROUGE LA 70898-9000

LA GOOD ROADS ASSOCIATION
ATTN PRESTON EGGERS
646 NORTH STREET
BATON ROUGE LA 70802

STATE PLANNING OFFICE
P O BOX 94095
CAPITOL ANNEX BUILDING 2ND FLOOR
BATON ROUGE LA 70804-4095

DPT INTERIOR/GEOLOGICAL SURVEY
3535 SOUTH SHERWOOD FOREST BLVD
SUITE 120
BATON ROUGE LA 70806

MR DONALD GOHMERT
NATURAL RESOURCES
CONSERVATION SERVICE
3737 GOVERNMENT STREET
ALEXANDRIA LA 71302

LOUISIANA STATE ATTORNEY GEN
P O BOX 94095
BATON ROUGE LA 70804-9095

LA HEALTH & HUMAN RES ADM
BUREAU OF ENVIR SERVICES
P O BOX 60630
NEW ORLEANS LA 70160

SENATOR MARY LANDRIEU
ROOM 326
FEDERAL BUILDING
707 FLORIDA BLVD
BATON ROUGE LA 70801

REGION ENVIRONMENTAL OFFICER
US DPT OF HOUSING/URBAN DEV
P O BOX 2905
FORT WORTH TX 76113

US FISH & WILDLIFE SERVICE
646 CAJUN DOME BOULEVARD
SUITE 400
LAFAYETTE LA 70506

LA NATURAL HERITAGE PROGRAM
LA DPT OF WILDLIFE & FISH
P O BOX 98000
BATON ROUGE LA 70898-9000

MR GREG SOLVEY
FEMA REGION VI
800 NORTH LOOP 288
DENTON TX 76201

MICHAEL P JANSKY
6ENXP
ENVIRONMENTAL PROTECTION AGCY
1445 ROSS AVENUE
DALLAS TX 75202-2733

SENATOR JOHN B BREAUX
501 MAGAZINE STREET
SUITE 1005
NEW ORLEANS LA 70130

US DPT OF THE INTERIOR
NATIONAL PARK SERVICE
P O BOX 728
SANTA FE NEW MEXICO
87504-0728

ENVIRONMENTAL ASSESSMENT
SIERRA CLUB/DELTA CHP
P O BOX 19469
NEW ORLEANS LA 70179-0469

LA STATE MINERAL BOARD
P O BOX 2827
BATON ROUGE LA 70821-2827

OFFICE OF STATE PARKS
DPT OF CULTURE REC & TOUR
P O BOX 44426-CAP ANN 3RD
BATON ROUGE LA 70804

DIVISION OF ADMINISTRATION
STATE LAND OFFICE
P O BOX 44124
BATON ROUGE LA 70804

US DPT OF COMMERCE
ECONOMIC DEVELOPMENT ADMN
903 SAN JACINTO BLVD #121
AUSTIN TX 78701-2450

US DPT OF THE INTERIOR
REGIONAL ENV OFFICE
P O BOX 649
ALBUQUERQUE NM 87103

DPT OF WILDLIFE & FISHERIES
P O BOX 98000
BATON ROUGE LA 70898

MR FRANK DEFFES/ROOM 210
DHH/PUBLIC HEALTH/SANITARIAN
P O BOX 60630
NEW ORLEANS LA 70160

MS SANDRA BATTEN
FLOODPLAIN MANAGEMENT PGM
DOTD-PO BOX 94245
ROOM 430
BATON ROUGE LA 70804-9245

MS CLAUDIA NISSLEY DIRECTOR
ADVISORY COUNCIL/HISTORIC
PRESERVATION
12136 WEST BAYAUD AVENUE #330
LAKEWOOD CO 80228-2113

MICHAEL BOURGEOIS
SECTION 01
ROOM 102

NATIONAL PARK SERVICE
SUPERINTENDENT
365 CANAL STREET/ SUITE 3080
NEW ORLEANS LA 70130

MR. PAUL HARTWIG/DPT INTERIOR
OFFICE OF CULTURAL RESOURCES
75 SPRING ST SOUTHWEST SUITE 1140
ATLANTA GA 30303

US ENVIRON PROTECTION AGENCY
OFFICE OF GROUNDWATER
1445 ROSS AVENUE
DALLAS TX 75202-2733

LOUISIANA STATE UNIVERSITY
SEA GRANT LEGAL PROGRAM
170 LAW CENTER LSU
BATON ROUGE LA 70803-1018

COMMANDER/8TH COAST GUARD DISTRICT
HALE BOGGS FEDERAL BLDG
501 MAGAZINE STREET
NEW ORLEANS LA 70130-3396

RIVERS TRAILS & CONSERV ASST
NATIONAL PARK SERVICE
8857 B SULLIVAN ROAD
BATON ROUGE LA 70803

MR MORTON E WAKELAND JR
MARINE & WETLANDS SECTION (6WQ-EM)
U S ENVIRONMENTAL PROTECTION AGENCY
1445 ROSS AVENUE
DALLAS TEXAS 75202-2733

MR COAN BUECHE
DIR OF TRAFF/PLANNING
DOTD-P O BOX 94245-SEC 21
BATON ROUGE LA 70804-9245

IBERIA PARISH
MAILING LIST

IBERIA SOIL & WATER
CONSERVATION DIST. OF LA
300 IBERIA ST.
SUITE 320
NEW IBERIA, LA 70560-4543

SENATOR DONALD R. CRAVINS
(DISTRICT 24)
200 W. PINE ST.
LAFAYETTE, LA 70501

FEDERAL PROG REV COORD
ACADIANA REG CLEARINGHOUSE
P.O. BOX 90070
LAFAYETTE, LA 70509

LA DEPT. OF NATURAL RESOURCES
COASTAL MANAGEMENT DIVISION
P.O. BOX 44487
BATON ROUGE, LA 70804

REP. "BO" ACKAL
(DISTRICT 48)
P.O. BOX 13408
NEW IBERIA, LA 70562-3408

DPT. OF THE ARMY
N O DIST. CORPS OF ENGINEERS
P.O. BOX 60267
NEW ORLEANS, LA 70160-0267

IBERIA PARISH SCHOOL BOARD
200 SCHOOL BOARD DRIVE
NEW IBERIA, LA 70560

IBERIA PARISH GOVERNMENT
111A e. ST. PETER
NEW IBERIA, LA 70560

IBERIA PARISH SHERIFF
COURTHOUSE BLDG
300 IBERIA ST. - 1ST FLOOR
NEW IBERIA, LA 70560

SENATOR CRAIG F. ROMERO
(DISTRICT 22)
P.O. BOX 12539
NEW IBERIA, LA 70562-2539

FLOODPLAIN ADMINISTRATOR
IBERIA PARISH GOVERNMENT
P.O. BOX 970
NEW IBERIA, LA 70561-0970

REP. TROY T.H. HEBERT
(DISTRICT 49)
P.O. BOX 981
JEANETTE, LA 70544



DEPARTMENT OF THE ARMY

NEW ORLEANS DISTRICT CORPS OF ENGINEERS

P.O. BOX 60267

NEW ORLEANS, LOUISIANA 70160-0267

June 24, 1999

REPLY TO
ATTENTION OF:

Operations Division
Operations Technical Support Branch

Environmental Engineer Administrator
Louisiana Department of
Transportation and Development
Post Office Box 94245
Baton Rouge, Louisiana 70804-9245

Dear Sir:

This is in response to your Solicitation of Views, dated March 8, 1999 which proposes the replacement of the existing US 90 intersection with LA Route 85 in Iberia Parish. A grade-separated diamond interchange is proposed for the replacement. The replacement includes construction of two new parallel overpasses on US 90 and a planned railroad overpass. This proposal is stated to be included in State Project No. 424-04-0032.

This replacement proposal has been reviewed for potential Department of the Army (D.O.A.) regulatory requirements and impacts on D.O.A. projects.

There are no anticipated adverse impacts on any D.O.A. projects.

Based on the information provided in this S.O.V. and on in-house information available for this site, the waterway involved is subject to D.O.A. regulatory jurisdiction, but no lands classifiable as wetlands subject to D.O.A. regulatory jurisdiction appear to exist on the replacement site. As a consequence, it is anticipated that the work involved can qualify for performance under a D.O.A. Nationwide Permit (NWP) pursuant to Title 33 C.F.R. Part No. 330.6 and Appendix A330.6B23, provided that all applicable conditions set forth in 330.6C are met.

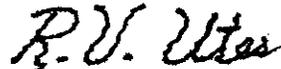
Off-site locations of activities such as borrow, disposals, haul-and detour-roads, and work mobilization site developments may be subject to mandated D.O.A. regulatory requirements and have an impact on a D.O.A. project.

Any agency proposing to perform work for which D.O.A. permits are expected to be required should apply for those permits well in advance of need for a permit for performance of any work for which a D.O.A. permit could be required. Applications for permits should, in each instance, include sufficient and detailed information, maps, drawings, photos, and data for evaluation of each proposal .

Should you have questions concerning wetlands determinations or needs for on-site evaluations by D.O.A. personnel you may contact Dr. J. D. Bruza at (504) 862-1288 or -2270.

Should you have questions concerning D.O.A. regulatory permit requirements or performance of the proposed work, you may contact Mr. Pete J. Serio, Jr. at (504) 862-2144.

Sincerely,



R. V. Utes
S.O.V. Manager

Copy Furnished:

Ms. Markinee "Kim" Ortego
Federal Program Review Coordinator
Acadiana Regional Clearinghouse
Post Office Box 90070
Lafayette, Louisiana 70509



KATHLEEN BABINEAUX BLANCO
LIEUTENANT GOVERNOR

State of Louisiana
OFFICE OF THE LIEUTENANT GOVERNOR
DEPARTMENT OF CULTURE, RECREATION & TOURISM
OFFICE OF CULTURAL DEVELOPMENT
DIVISION OF ARCHAEOLOGY

PHILLIP J. JONES
SECRETARY

GERRI HOBODY
ASSISTANT SECRETARY

March 19, 1999

Mr. Vincent G. Russo, Jr.
Assistant Environmental Engineer
Louisiana Department of Transportation and Development
P.O. Box 94245
Baton Rouge, Louisiana 70804-9245

Re: State Project Nos. 424-04-0026 & 424-04-0032
F.A.P. Nos. (not yet assigned)
US 90 Interchanges @ LA 668 and LA 85
Iberia Parish, Louisiana

Dear Mr. Russo:

Reference is made to the Solicitation of Views data for the above projects dated March 8, 1999, which were received on March 15, 1999. We have reviewed the proposed project plans and it is our opinion that significant cultural resources are not likely to be affected by construction of these projects. Therefore, we have no objections to their implementation.

Should you have any questions or need any further assistance, please contact Mr. Mike Mahady in the Division of Archaeology at (225) 342-8170.

Sincerely,

Gerri Hobdy
State Historic Preservation Officer

GH:MM:s



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
P. O. Box 94245
Baton Rouge, Louisiana 70804-9245



M. J. "MIKE" FOSTER, JR.
GOVERNOR

March 8, 1999

KAM K. MOVASSAGHI
SECRETARY

US 90 INTERCHANGES @ LA 668 AND LA 85
STATE PROJECT NOS. 424-04-0026 AND 424-04-0032
FAP NOS. (not yet assigned)
IBERIA PARISH

SUBJECT: Solicitation of Views

410

THE PROPOSED ACTIVITIES WOULD NOT
SIGNIFICANTLY AFFECT LISTED OR
PROPOSED THREATENED OR ENDANGERED
SPECIES.

Deborah Heller
ENDANGERED SPECIES COORDINATOR
U.S. FISH & WILDLIFE SERVICE
LAFAYETTE, LOUISIANA
DATE: March 17, 99

Early in the planning stages of a transportation facility, views from federal, state and local agencies, organizations, and individuals are solicited. The special expertise of these groups can assist DOTD with the early identification of possible adverse economic, social or environmental effects or concerns. Your assistance in this regard will be appreciated.

Due to the earliness of this request for your views, very limited data concerning the proposed project exists. We have, however, attached a sketch map showing the general location of the project, along with a project description.

It is requested that you review the attached information and furnish us with your views and comments by **April 8, 1999**. Replies should be addressed to LA DOTD; Environmental Engineer Administrator; P.O. Box 94245; Baton Rouge, Louisiana, 70804-9245. Please reference the State Project Number(s) in your reply. If you should have any questions, please contact this office at (225)929-9190.

Sincerely,

Vincent Russo
Assistant Environmental Engineer

Jan Grenfell

Jan Grenfell
Environmental Impact Supervisor

VR/JG/ik
Attachments



DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
INTRADEPARTMENTAL CORRESPONDENCE

REFERRED TO

- _____ REFERRED FOR ACTION
- _____ ANSWER FOR MY SIGNATURE
- _____ FOR FILE
- _____ FOR YOUR INFORMATION
- _____ FOR SIGNATURE
- _____ RETURN TO ME
- _____ PLEASE SEE ME
- _____ PLEASE TELEPHONE ME
- _____ FOR APPROVAL
- _____ PLEASE ADVISE ME

State Project No. 424-04-0026 & 424-04-0032
 IN REPLY REFER TO FILE NO. Name: US 90 Interchange @ LA 85
 Route: US 90
 Parish: Iberia

MEMORANDUM:

TO: The File
 FROM: Rebecca B. Lala
 DATE: January 13, 2000

Wayne LaBiche is the Floodplain Administrator for Iberia Parish. His response to the Solicitation of Views letter follows.

BY _____ DATE _____
 BY _____ DATE _____
 BY _____ DATE _____

RECOMMENDED FOR APPROVAL _____ DATE _____

RECOMMENDED FOR APPROVAL _____ DATE _____

RECOMMENDED FOR APPROVAL _____ DATE _____

APPROVED _____ DATE _____



WAYNE M. LaBICHE ENGINEERING

CIVIL ENGINEERING • STRUCTURAL DESIGN • FOUNDATION DESIGN • SUBDIVISION PLANNING • ENVIRONMENTAL ENGINEERING

January 10, 2000

State of Louisiana
Department of Transportation and Development
Mr. Vincent Russo, Environmental Engineer Administrator,
P.O. Box 94245
Baton Rouge, LA 70804-9245

**REF: State Project No. 424-04-0026 & 424-04-0032
US 90 Interchange @ LA 85 & 668
Floodplain Impact**

Dear Mr. Russo:

We are in receipt of your request for information regarding flood plain impact for the above referenced projects. We offer the following comments:

1. We feel that with a more updated structure in place this project can only effect the floodplain in a positive way.
2. This office offers nothing but strong support for the project as described.

Should you have any questions or need additional information, please contact this office.

Sincerely,

Michael L. Pugh, E.I.T.
WAYNE M. LABICHE ENGINEERING

cc: Honorable Will Langlinais, Parish President



WAYNE M. LaBICHE ENGINEERING

CIVIL ENGINEERING • STRUCTURAL DESIGN • FOUNDATION DESIGN • SUBDIVISION PLANNING • ENVIRONMENTAL ENGINEERING

March 24, 1999

State of Louisiana
Department of Transportation and Development
Mr. Vincent Russo, Assistant Environmental Engineer Administrator
P.O. Box 94245
Baton Rouge, LA 70804-9245

**REF: State Project No. 424-04-0026
State Project No. 424-04-0032
US 90 Interchanges @ LA 688 & LA 85
Solicitation of Views**

Dear Mr. Russo:

We are in receipt of the solicitation of views, dated March 8, 1999, for the above referenced project. We offer the following comments:

1. U.S. Hwy. 90, LA 688 and LA 85 are heavily used by the sugar cane industry during the harvest season (October-December). Coordination with the local sugar industries is advised.
2. Other than the expected interruption in traffic flow, we know of no apparent adverse economic, social, or environmental effects or concerns relative to the proposed referenced project. Accordingly, this office offers nothing but strong support for the project as described.

Should you have any questions or need additional information, please contact this office.

Sincerely,

Michael L. Pugh, E.I.T.
WAYNE M. LABICHE ENGINEERING

cc: Honorable Will Langlinais, Iberia Parish President



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6
1445 ROSS AVENUE, SUITE 1200
DALLAS, TX 75202-2733

SEP 9 9 2000

Vincent Russo, Jr.
Environmental Engineer Administrator
State of Louisiana Department of
Transportation and Development
P.O. Box 94245
Baton Rouge, Louisiana 70804-9245

Dear Mr. Russo

Thank you for your letter requesting our evaluation of the potential environmental impacts which might result from the following project proposed for Federal financial assistance:

PROJECT NO. 424-04-0026 & 424-04-0032
US 90 INTERCHANGES AT LA 85 AND LA 668
ROUTE: US 90
IBERIA PARISH, LOUISIANA

This project, proposed for financial assistance through the Federal Highway Administration (FHWA) program under the Department of Transportation and Development, is located on the Chicot aquifer system which has been designated a sole source aquifer by the Environmental Protection Agency (EPA). It is thus potentially eligible for review by EPA. Based on the information provided in the project description we have determined that the project, as proposed, should not have an adverse effect on the quality of the ground water underlying the project site.

This approval of the proposed project does not relieve the applicants from adhering to other State and Federal requirements which may apply. This approval is based solely upon the potential impact to the quality of ground water as it relates to the EPA's authority pursuant to section 1424(e) of the Safe Drinking Water Act.

If you have any questions on this letter or the sole source aquifer program please contact me at (214) 665-7128.

Sincerely yours,

Clay Chesney, Coordinator
Sole Source Aquifer Program
Ground Water/UIC Section

cc: Howard Fielding, Program Manager
Aquifer Evaluation and Protection Section - LDEQ

Internet Address (URL) • <http://www.epa.gov>



UNITED STATES DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
Habitat Conservation Division
c/o Louisiana State University
Baton Rouge, Louisiana 70803-7535

March 23, 1999

F/SER44/GM:jk
225/389-0508

Ms. Jan Grenfell
Environmental Impact Supervisor
Louisiana Department of Transportation and Development
Post Office Box 94245
Baton Rouge, Louisiana 70804-9245

Dear Ms. Grenfell:

The Baton Rouge office of the National Marine Fisheries Service has received your March 8, 1999, letters transmitting preliminary project information and soliciting our views on Louisiana Department of Transportation and Development, State Project Numbers **424-04-0026, 424-04-0031, 424-04-0032, 424-04-033, and 424-04-034**. The proposed projects are designed to improve the interchanges of US Highway 90 with several Louisiana Highways in Iberia Parish, Louisiana.

Based on our review of the information you provided, we believe the proposed interchange improvements would not adversely impact the marine fishery resources for which we are responsible. Therefore, we have no comments to offer concerning the described activity.

We appreciate the opportunity to review and comment on the proposed project. If you wish to discuss this project further, please contact Gregory Miller at 225/389-0508.

Sincerely,

for

Rickey N. Ruebsamen
Chief, Baton Rouge Office



State of Louisiana



James H. Jenkins, Jr.
Secretary

Department of Wildlife & Fisheries
Post Office Box 98000
Baton Rouge, LA 70898-9000
(225) 765-2800

M.J. "Mike" Foster, Jr.
Governor

March 15, 1999

Mr. Vincent Russo
Department of Transportation & Development
P.O. Box 94245
Baton Rouge, LA 70804-9245

RE: State Project No. 424-04-0026 & 424-04-0032

Dear Mr. Russo:

Personnel of the Habitat Section of the Fur and Refuge Division have reviewed the preliminary data for the captioned project. In reviewing our database, no rare, threatened, or endangered species or critical habitats were found within the area of the captioned project that lies in Louisiana. No state or federal parks, wildlife refuges, scenic streams, or wildlife management areas are known at the specified site within Louisiana's boundaries.

The Louisiana Natural Heritage Program has compiled data on rare, endangered, or otherwise significant plant and animal species, plant communities, and other natural features throughout the state of Louisiana. Heritage reports summarize the existing information known at the time of the request regarding the location in question. They should not be considered final statements on the biological elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments. The Louisiana Natural Heritage Program requires that this office be acknowledged in all reports as the source of all data provided here.

Sincerely,

Gary Lester, Coordinator
Natural Heritage Program

GDL:rwg



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
P. O. Box 94245
Baton Rouge, Louisiana 70804-9245



M. J. "MIKE" FOSTER, JR.
GOVERNOR

Floodplain Management Regulations - Room 430 - (225) 379-1408

March 15, 1999

KAM K. MOVASSAGHI
SECRETARY

Mr. Vincent Russo
Assistant Environmental Engineer
ATTN: Ms. Jan Grenfell
Environmental Impact Supervisor

SPN 424-04-0026 and 424-04-0032
US 90 INTERCHANGES
at LA 668 and LA 85
IBERIA PARISH

Dear Ms. Grenfell:

The information in our files indicates that the area of the proposed construction projects are located in a *Zone C*, which is an area of minimal flood hazard. Requirements regarding base flood elevations are not applicable.

We would encourage careful consideration to allow for the occurrence of flood waters. During and after construction, attention should also be paid to clearing debris and keeping the project area open to allow for the flow of water.

We thank you for the opportunity to comment on this project. If you need additional information, please contact us at the address or telephone number listed above.

Sincerely,

Sandra L. Batten

Sandra L. Batten
Floodplain Insurance Analyst

Enclosure

JEANI
AIRI

IBERIA PARISH
ST. MARY PARISH

DELAHOUSSE CANAL

ZONE C

90

MONNOT

58

ROAD

HUBERTVILLE

ESPERANCE

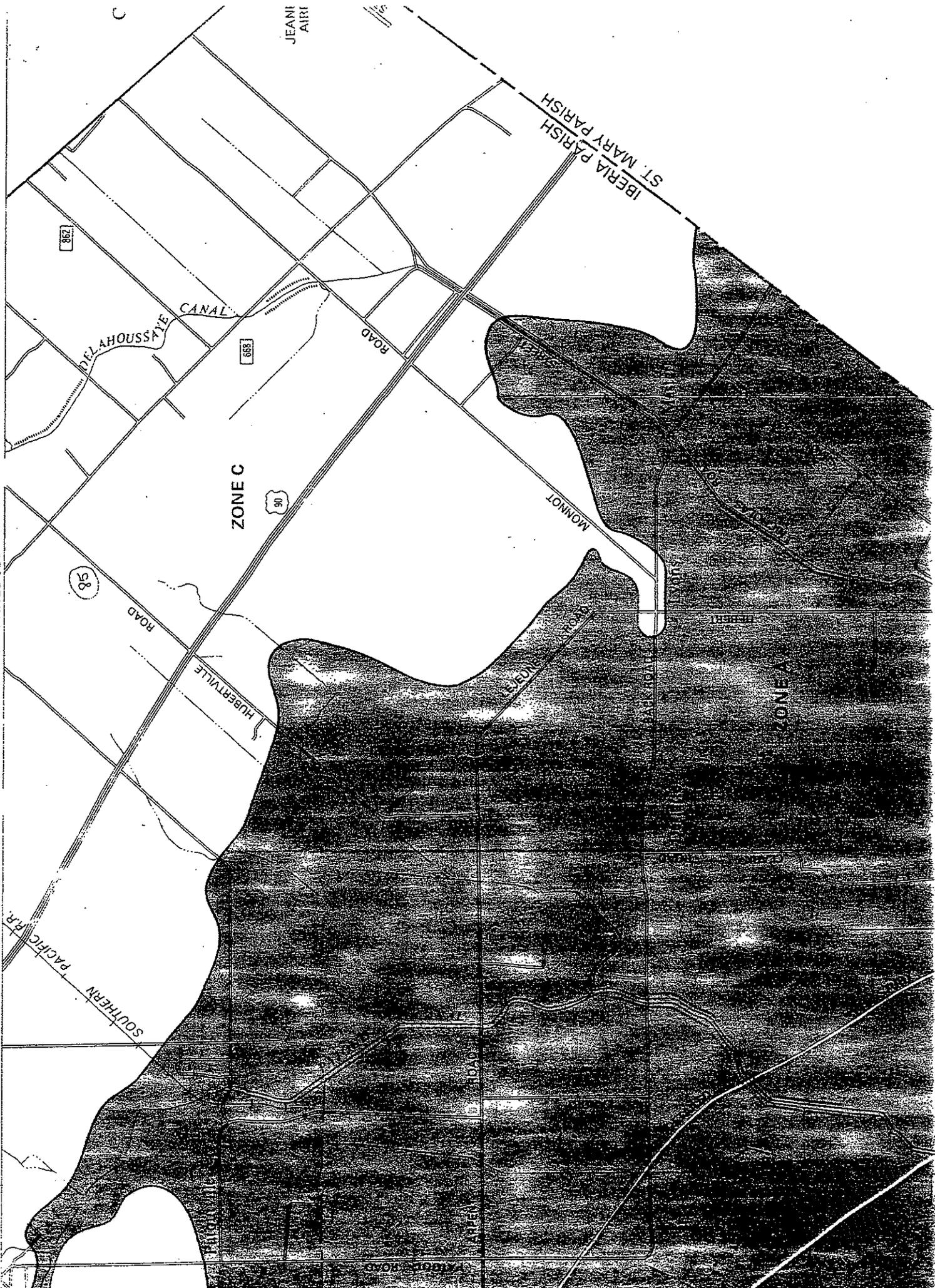
ZONE D

JOINS PANEL 160

SOUTHERN
PACIFIC RR.

LAKE

LAKE ROAD



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

FILE

**IBERIA PARISH,
LOUISIANA**
(UNINCORPORATED AREAS)

PANEL 250 OF 375
(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY-PANEL NUMBER
220078 0250 C

MAP REVISED:
MARCH 2, 1983



Federal Emergency Management Agency



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
P. O. Box 94245
Baton Rouge, Louisiana 70804-9245



M. J. "MIKE" FOSTER, JR.
GOVERNOR

KAM K. MOVASSAGHI
SECRETARY

March 8, 1999

**US 90 INTERCHANGES @ LA 668 AND LA 85
STATE PROJECT NOS. 424-04-0026 AND 424-04-0032
FAP NOS. (not yet assigned)
IBERIA PARISH**

SUBJECT: Solicitation of Views

Early in the planning stages of a transportation facility, views from federal, state and local agencies, organizations, and individuals are solicited. The special expertise of these groups can assist DOTD with the early identification of possible adverse economic, social or environmental effects or concerns. Your assistance in this regard will be appreciated.

Due to the earliness of this request for your views, very limited data concerning the proposed project exists. We have, however, attached a sketch map showing the general location of the project, along with a project description.

It is requested that you review the attached information and furnish us with your views and comments by **April 8, 1999**. Replies should be addressed to LA DOTD; Environmental Engineer Administrator; P.O. Box 94245; Baton Rouge, Louisiana, 70804-9245. Please reference the State Project Number(s) in your reply. If you should have any questions, please contact this office at (225)929-9190.

**Quick & Personal
Response Format
THANKS FOR WRITING!**

*I support both
of these projects.*

VR/JG/lk
Attachments

*Rep. Troy Hebert.
Dist. 49*

Sincerely,

Vincent Russo
Assistant Environmental Engineer

Jan Grenfell
Jan Grenfell
Environmental Impact Supervisor

67 S-FHW-699067-LA

New File



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT

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



M. J. "MIKE" FOSTER, JR.
GOVERNOR

RECEIVED
COMPLIANCE ASSURANCE
& ENVIRONMENT DIV.
MAR 15 3:50 PM '99

KAM K. MOVASSAGHI
SECRETARY

March 8, 1999

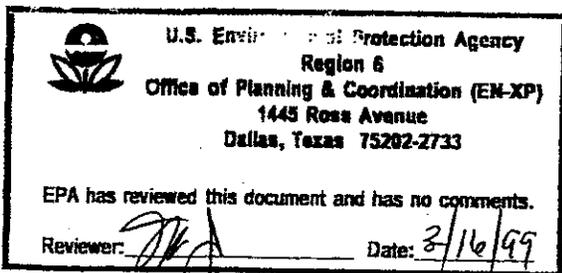
US 90 INTERCHANGES @ LA 668 AND LA 85
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FAP NOS. (not yet assigned)
IBERIA PARISH

SUBJECT: Solicitation of Views

Early in the planning stages of a transportation facility, views from federal, state and local agencies, organizations, and individuals are solicited. The special expertise of these groups can assist DOTD with the early identification of possible adverse economic, social or environmental effects or concerns. Your assistance in this regard will be appreciated.

Due to the earliness of this request for your views, very limited data concerning the proposed project exists. We have, however, attached a sketch map showing the general location of the project, along with a project description.

It is requested that you review the attached information and furnish us with your views and comments by **April 8, 1999**. Replies should be addressed to LA DOTD; Environmental Engineer Administrator; P.O. Box 94245; Baton Rouge, Louisiana, 70804-9245. Please reference the State Project Number(s) in your reply. If you should have any questions, please contact this office at (225)929-9190.



Sincerely,

Vincent Russo
Assistant Environmental Engineer

Jan Grenfell
Jan Grenfell
Environmental Impact Supervisor

VH/JG/ik
Attachments

State of Louisiana



M.J. "MIKE" FOSTER, JR.
GOVERNOR

JACK C. CALDWELL
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

3/18/99
Date

LA DOTD

Applicant

Vincent Russo

Agent

US 90 interchanges @ LA 68 + LA 85

Work Description

RE: P 990310, Coastal Use Permit Application,

The person indicated below will be the Coastal Management Division employee responsible for processing your application and should be your primary contact with the Coastal Management Division.

<u>Name</u>	<u>Phone</u>	<u>E-mail</u>
Chris Davis	(504) 342-6140	CHRISD@DNR.STATE.LA.US
Jim Holcombe	(504) 342-7940	JIMH@DNR.STATE.LA.US
Sharon Ketchen	(504) 342-0861	SHARONK@DNR.STATE.LA.US
Abigail Marston	(504) 342-7358	ABBYM@DNR.STATE.LA.US
Chris Melton	(504) 342-0137	CHRISME@DNR.STATE.LA.US
Dana Pennington	(504) 342-7942	DANAP@DNR.STATE.LA.US
Bill Pittman	(504) 342-6466	BILLP@DNR.STATE.LA.US
Christine Richards	(504) 342-8738	CHRISTINER@DNR.STATE.LA.US
Tim Robertson	(504) 342-7472	TIMR@DNR.STATE.LA.US
Jeff Thibodaux	(504) 342-8917	JEFFT@DNR.STATE.LA.US
Ivy Twyman	(504) 342-6469	IVYT@DNR.STATE.LA.US

Dear Applicant:

You are hereby advised that your application for a Coastal Use Permit was received and is considered to be complete. It has been determined that your proposed activity is a use of state concern in accordance with Louisiana revised Statute 49:214.5 and therefore will be processed through the Joint Public Notice System.

Under the Joint Public Notice System, the Coastal Management Division (CMD) has sent a copy of this permit application to the New Orleans District Corps of Engineers (NOD/COE). The NOD/COE and CMD will each process this application separately. All correspondence and calls regarding this application should reference the Coastal Use Permit Number indicated above.

Should you have questions concerning your application, please contact the person referenced above.

Sincerely,
JPN Coordinator

State of Louisiana



M.J. "MIKE" FOSTER, JR.
GOVERNOR

JACK C. CALDWELL
SECRETARY

DEPARTMENT OF NATURAL RESOURCES

March 18, 1999

LA DOTD
Environmental Engineer Administrator
Attn: Jan Grenfell
P. O. Box 94245
Baton Rouge, LA 70804-9245

RE: **P990310, Solicitation of Views Request**
LA DOTD
US 90 Interchanges @ LA 668 and LA 85
State Project Nos. 424-04-0026 & 424-04-0032
FAP Nos. (not yet assigned)
Iberia Parish, LA

Dear Mr. Grenfell:

We have received a **Solicitation of Views** for the above referenced project, which has been found to be inside the Louisiana Coastal Zone. A review has been completed of the referenced application, and in accordance with the Louisiana Administrative Code, Title 43, §723.B.2, the proposed activity is exempt and a Coastal Use Permit is not required.

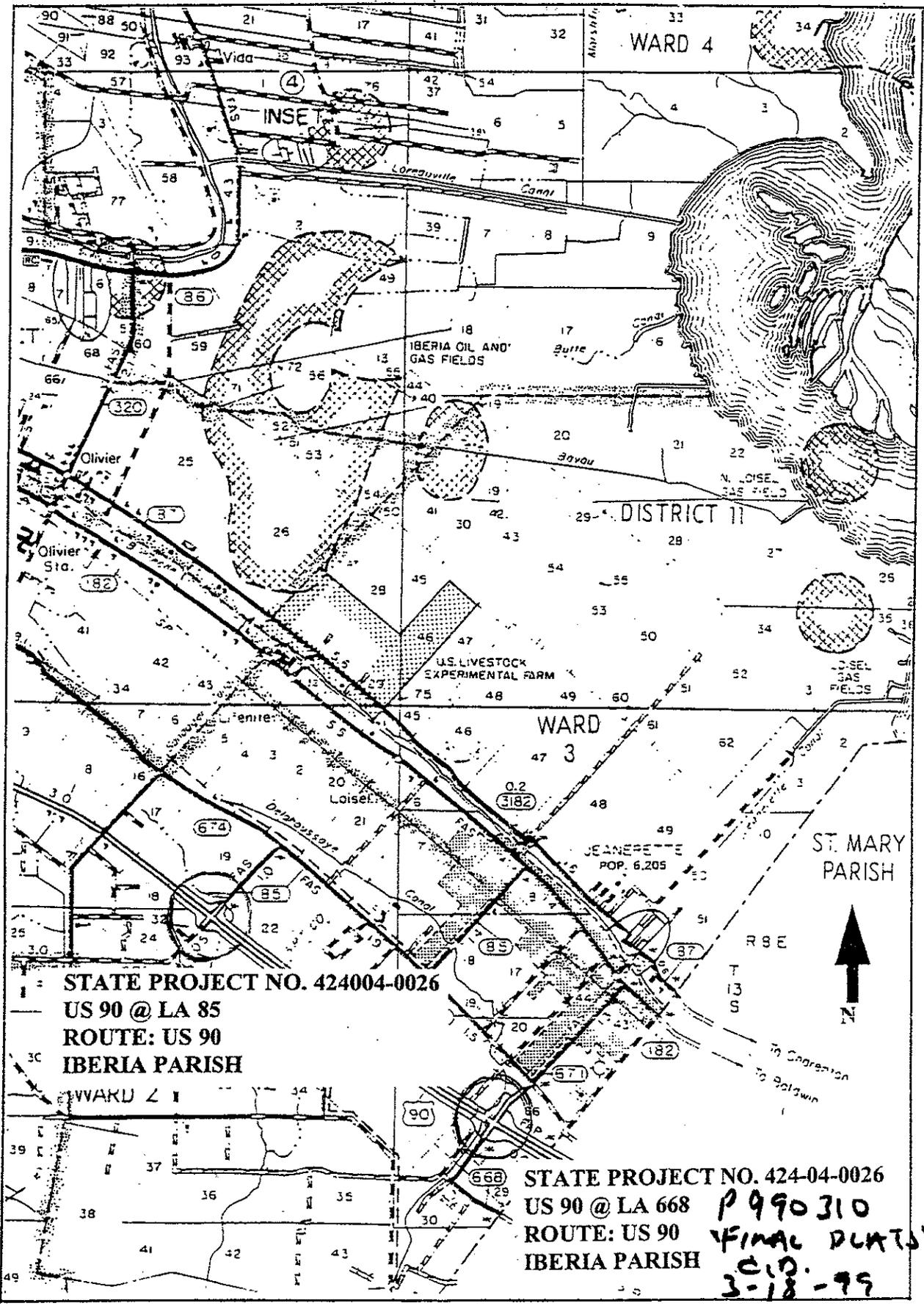
Sincerely,

A handwritten signature in black ink that reads "Terry W. Howey".

Terry W. Howey
Administrator

TWH/cd

cc: Ron Ventola, COE w/plats
Fred Dunham, LDWF w/plats
Charles Mestayer, CMD/FI w/plats



STATE PROJECT NO. 424004-0026
 US 90 @ LA 85
 ROUTE: US 90
 IBERIA PARISH

STATE PROJECT NO. 424-04-0026
 US 90 @ LA 668
 ROUTE: US 90
 IBERIA PARISH

P 990310
 FINAL PLATS
 C.D.
 3-18-99

The Gulf Coast Cajun Connection

Michael Resweber
President
Dana Judice
Vice-President
Ted Kahn
Secretary -Treasurer

Mitchell Carte
Board Member
Frank Minvielle
Board Member
Mark Doré
Board Member
Michael Lopresto
Board Member
Joanna D. Durke
Administrative Assistant

March 26, 1999

Louisiana DOTD
Environmental Engineer Administrator
P.O. Box 94245
Baton Rouge, Louisiana 70804-9245

REF: US 90 INTERCHANGES @ LA 668 AND LA 85
STATE PROJECT NOS. 424-04-0026 AND 424-04-0032
FAP NOS.
IBERIA PARISH

This is in response to your solicitation of views on the referenced project.

Any improvement to the numerous State and local intersections with US 90 is wholeheartedly supported by the Port of Iberia. An improved US 90 is essential to the intermodal capabilities of the Port. Our future depends on our ability to move our goods and services from the Port to the rest of the Nation.

Thank you for this opportunity to comment and I look forward to the completion of the I-49 extension.

Sincerely,



Roy A. Pontiff
Executive Director

RAP/jeh

cc: Port of Iberia Board of Commissioners



State of Louisiana
Department of Environmental Quality



M.J. "MIKE" FOSTER, JR.
GOVERNOR

J. DALE GIVENS
SECRETARY

April 6, 1999

Ms. Jan Grenfell
State of LA/ Dept. of Transportation and Development
P. O. Box 94245
Baton Rouge, LA 70804-9425

RE: Project No. 424-04-0026 & 424-04-0032
LA DOTD; Iberia Parish
Proposed interchange construction

Dear Ms. Grenfell:

The Department of Environmental Quality has received your Solicitation of Views (SOV's) on the above referenced project and was distributed to the Office of Waste Services, Office of Air Quality and Radiation Protection and the Office of Water Resources for comments.

There were no objections based on the information submitted to us. However, the Office of Water Resources has made the following comments:

Please see the letter from Jim Delahoussaye, Program Manager of the Water Pollution Control Division.

"Any approval, or letter of no objection, granted by LDEQ is relevant only to the granting of funds for the proposed project. This does not relieve the applicant of his responsibility for obtaining any other permits or approvals necessary from LDEQ or other State, Local, or Federal agencies, nor does it influence the Department's ultimate decision on those permits or approvals. A copy of our brochure on construction best management practices is enclosed."



recycled paper

OFFICE OF MANAGEMENT AND FINANCE

P.O. BOX 82231

BATON ROUGE, LOUISIANA 70884-2231

AN EQUAL OPPORTUNITY EMPLOYER



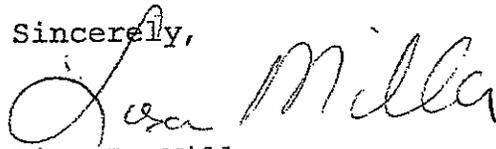
April 6, 1999
Page 2

Please submit any future SOV's to the following address
and we will expedite it as quickly as possible.

Mrs. Lisa Miller
Department of Environmental Quality
P. O. Box 82231
Baton Rouge, LA 70884-2231

Should you need any additional information please call
me at (225) 765-0723.

Sincerely,



Lisa L. Miller
Contracts & Grants Division

LLM:mm
Enclosures



State of Louisiana
Department of Environmental Quality



M.J. "MIKE" FOSTER, JR.
GOVERNOR

MAR 30 1999

J. DALE GIVENS
SECRETARY

Ms. Jan Grenfell, Environmental Impact Supervisor
State of LA/Dept. of Transportation & Development
P.O. Box 94245
Baton Rouge, LA 70804-9245

Dear Ms. Grenfell:

RE: Project No. 424-04-0026 & 424-04-0032, proposed interchange construction; LA
DOTD, Iberia Parish

The Department of Environmental Quality (DEQ), Office of Water Resources (OWR), has received your request for comments dated March 8, 1999, regarding the above referenced project. Based on an in-house review of the information you have submitted to this Department, the OWR has no objection to the implementation of the proposed project for the Iberia Parish interchange construction, provided that the issues listed below are satisfied if required. Please note that no field investigation was conducted on this project.

This Office recommends that you investigate the following requirements that may impact your proposed project:

1. if any of the proposed work is located in wetlands or other areas subject to the jurisdiction of the U.S. Army Corps of Engineers, you should contact the Corps in order to apply for any necessary permits;
2. if a permit is required from the Corps, a Water Quality Certification from OWR may also be required;
3. all precautions should be observed to protect the groundwater of the region (SEE ATTACHMENT);
4. all precautions should be observed to control nonpoint source pollution from construction activities (SEE ATTACHMENT); and
5. the Department of Environmental Quality (DEQ), is in the process of renewing the stormwater general permit concerning construction areas greater than five acres. It is recommended that you contact Jan Cedars at (504) 765-2784 to determine if your proposed improvements are covered under that general permit.



Ms. Grenfell
Page Two (2)

If you have any questions, please contact Mr. Tom Mayhall of the Application Verification Unit at (504) 765-2965.

Sincerely,



Jim Delahoussaye, Program Manager
Water Pollution Control Division

JD\trp
Attachment

c:

Acadiana Regional Office
Water Quality Management Division



United States
Department of
Agriculture

Natural Resources
Conservation Service

3737 Government Street
Alexandria, Louisiana
71302

April 5, 1999

Mr. Vincent G. Russo, Jr.
Assistant Environmental Engineer
Louisiana Department of Transportation and Development
Post Office Box 94245
Baton Rouge, Louisiana 70804-9245

Dear Mr. Russo:

Re: US 90 Interchanges @ LA 668 and LA 85
State Project Nos. 424-04-0026 and 424-04-0032
Iberia Parish

Thank you for providing our agency with the opportunity to respond to the Solicitation of Views dated March 8, 1999, wherein you requested views and comments on the above projects.

It does not appear that these projects will impact any of our work in the vicinity. Further, we do not believe that these projects will have an adverse effect on the surrounding environment when completed if appropriate erosion control measures are taken during construction.

Should you have questions regarding the above comments, please feel free to contact Charles Stemmans, District Conservationist in the New Iberia field office, at 318-369-6623.

Sincerely,

E. J. Giering III, P.E.
State Conservation Engineer

cc: Charles Stemmans, DC, NRCS, New Iberia, LA

APPENDIX B

TRAFFIC NOISE ANALYSIS
STATE PROJECT NO. 424-04-0032
US 90 @ LA 85
US 90
IBERIA PARISH

INTRODUCTION

The proposed State Project No. 424-04-0032 calls for the construction of a grade-separated diamond interchange in order to replace the existing at-grade US 90 intersection with LA 85 in Iberia Parish. The proposed project will be designed to allow the existing lanes of US 90 to provide access via ramps with LA 85 while requiring an elevated US 90 overpass to be constructed over the existing LA 85 intersection.

PURPOSE & SCOPE

This report analyzes noise impacts due to the implementation of the captioned project as well as the projected normal traffic growth. Topics discussed include, computer modeling and methodology, noise impacts, and abatement methods. Projected noise impacts, based on the data for the existing and proposed conditions, will be discussed. Noise abatement measures are evaluated for areas where impacts are anticipated. Traffic noise impacts are defined by the LA DOTD as noise levels equaling to or exceeding Noise Abatement Criteria, or when the predicted traffic noise levels exceed existing levels by 10 dBA. Noise abatement methods are analyzed for reasonability and feasibility.

DESCRIPTION OF LAND USAGE

Land usage along the project route consists primarily of commercial with some residential properties. Their activity categories are C and B respectively. The corresponding Noise Abatement Criteria are 71 and 66, respectively, according to LA DOTD's Highway Traffic Noise Policy.

FIELD MONITORING METHODOLOGY

Existing noise levels were measured on September 9, 1999 using a Precision Integrating Type 1 Level Sound Meter. Each measurement took ten minutes. The sound level meter was calibrated at the start of the field trip and rechecked before each measurement. Traffic volume counts were taken during the field measurement.

MODELING PROCEDURES

FHWA Traffic Noise Model 1.0 was used to analyze the noise impacts following the "FHWA Traffic Noise Model User's Guide" (FHWA-PD-96-009, 2/98). Six receptors were modeled. All of the receptors are single dwelling residences. Traffic volume and axle distributions were obtained from the Traffic and Planning Section of LA DOTD. Traffic estimates were based on a 2% Annual Growth. Traffic counts were established using peak turning movements at the highest hour of traffic provided by the Traffic and Planning Section of LA DOTD. Traffic speed was modeled at 65mph on US 90 and 55mph for LA 85 for the existing and future no-build models. The future build was modeled at 70mph on US 90, 55mph for LA 85, and 60mph on the frontage roads.

RESULTS

EXISTING NOISE LEVEL

Six Category B receptors were modeled for the year 2000. None of the modeled receptors have existing noise levels that exceed Noise Abatement Criteria (see Table 1). The results of the TNM model show existing noise levels are 2 dBA higher than the field measurements. The reason was that measurements were not taken during peak hours. The lower traffic count taken during the field monitoring was inputted into the computer model and verified the discrepancy.

THE NO-BUILD ALTERNATIVE

Six Category B receptors were modeled for the year 2020. Two modeled receptors were identified as having noise levels that exceed the Noise Abatement Criteria for the modeled year of 2020. (see Table 2)

THE BUILD ALTERNATIVE

Six receptors were modeled for the year 2000 and 2020. Four receptors were identified as having noise levels that exceed the Noise Abatement Criteria for both of the modeled years of 2000 and 2020. (see Table 2)

ANALYSIS OF THE NOISE ABATEMENT METHODS

1. Traffic Management Measures

These measures involve the use of traffic control devices, signing for vehicle type restrictions, reduced speed limits, or lane assignments. Traffic vehicle restrictions such as prohibiting heavy truck access are not permissible for State highways. Lowering the speed limit may reduce noise levels, but will result in a more congested highway. LADOTD cannot use time-use restrictions for certain vehicle types on a State or Federal highway. None of these measures are considered feasible for implementation.

2. Alteration of Horizontal and Vertical Alignments

High costs and limited corridor space for the roadway inhibit the purchase of additional right-of-way for any additional alteration of horizontal or vertical alignments. This measure is not considered feasible or reasonable.

3. Acquisition of property for the construction of noise barriers.

This measure would not be feasible or cost effective for this project.

4. Construction of Noise Barriers

In order for a wall to be effective in reducing noise impacts, it must not be interrupted and the wall length should be four times the receptor distance to the noise source. Impacted sites only have one sensitive receptor. Building a noise wall would not be cost effective in reducing impacts to each receptor. The \$15,000 benefited receptor criteria would certainly be exceeded.

5. Noise Insulation of Public Use or Nonprofit Institutional Structures

There are no public use or nonprofit institutions located on the proposed route; so no such abatement analysis is needed.

ANALYSIS OF CONSTRUCTION NOISE

Construction noise is expected to have temporary impacts upon all residences. The particular receptors of concern are within 500 feet (152.5 m) of the project centerline. It is recommended that all construction operations be restricted to working hours whenever possible.

Abatement measures should be employed whenever possible. All construction equipment such as pumps, compressors, generators, bulldozers, cranes, trucks, etc., should be properly muffled and all motor panels should be closed to reduce the noise impacts. Section 107.15 of the *Louisiana Standard Specifications for Roads and Bridges* and the FHWA Technical Advisory T 6160.2 dated March 13, 1984, can be referenced for further details on the sources and abatement of construction noise.

CONCLUSIONS AND RECOMMENDATIONS

None of the receptors along the proposed project area have existing noise levels that meet or exceed the LA DOTD Noise Abatement Criteria. The future no-build alternative has an average of a 2 dBA increase on all receptors with impacts on three receptors. The future-build alternative impacts four receptors. No noise abatement methods are both reasonable and feasible.

Construction noise generated as a result of the proposed project will cause temporary impacts to receptors. The construction contractor will minimize noise impacts by adhering to the abatement measures stated in Section 107.15 (Environmental Protection) of the *Louisiana Standard Specification for Roads and Bridges*.

Table 1
 LA DOTD ABATEMENT CRITERIA (NAC)
 DECIBELS – Db (A weighted)

Activity Category	Leq(1 hr)	Description of Activity Category
A	56 (Exterior)	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purposes.
B	66 (Exterior)	Picnic areas, recreational areas, playgrounds, active sports areas, parks, residences, motels, hotels, schools, churches, libraries, and hospitals.
C	71 (Exterior)	Developed lands, properties, or activities, not included in categories A or B above.
D	-----	Undeveloped lands.
E	51 (Interior)	Residences, motels, hotels, public meeting rooms, schools, churches, libraries, and auditoriums.

TABLE 2. SUMMARY OF NOISE ANALYSIS RESULTS
STATE PROJECT NO. 424-04-0032
US 90 @ LA 85
US 90, IBERIA PARISH

	Present	Present Build	Future	No-Build	Future build
Receptor 1	65	66		67	68
Receptor 2	65	66		67	68
Receptor 3	64	69		66	70
Receptor 4	59	61		61	63
Receptor 5	63	66		65	68
Receptor 6	53	57		55	60

* Bold indicates impact.

TRAFFIC NOISE ANALYSIS
STATE PROJECT NO. 700-23-0201
US 90 @ LA 668
US 90
IBERIA PARISH

INTRODUCTION

The proposed State Project No. 700-23-0201 calls for the construction of a grade-separated diamond interchange in order to replace the existing at-grade US 90 intersection with LA 668 in Iberia Parish. The proposed project will be designed to allow the existing lanes of US 90 to provide access via ramps with LA 668 while requiring an elevated US 90 overpass to be constructed over the existing LA 668 intersection.

PURPOSE & SCOPE

This report analyzes noise impacts due to the implementation of the captioned project as well as the projected normal traffic growth. Topics discussed include, computer modeling and methodology, noise impacts, and abatement methods. Projected noise impacts, based on the data for the existing and proposed conditions, will be discussed. Noise abatement measures are evaluated for areas where impacts are anticipated. Traffic noise impacts are defined by the LA DOTD as noise levels equaling to or exceeding Noise Abatement Criteria, or when the predicted traffic noise levels exceed existing levels by 10 dBA. Noise abatement methods are analyzed for reasonability and feasibility.

DESCRIPTION OF LAND USAGE

Land usage along the project route consists of commercial and residential properties. Their activity categories are C and B respectively. The corresponding Noise Abatement Criteria are 71 and 66, according to LADOTD's Highway Traffic Noise Policy.

FIELD MONITORING METHODOLOGY

Existing noise levels were measured on September 9, 1999 using a Precision Integrating Type 1 Level Sound Meter. Each measurement took ten minutes. The sound level meter was calibrated at the start of the field trip and rechecked before each measurement. Traffic volume counts were taken during the field measurement.

MODELING PROCEDURES

FHWA Traffic Noise Model 1.0 was used to analyze the noise impacts following the "FHWA Traffic Noise Model User's Guide" (FHWA-PD-96-009, 2/98). Six category B, two category C receptors were modeled. Receptor 1 represents the location of field measurements and is used only for model verification (see Table 1). Traffic volume and axle distributions were obtained from the Traffic and Planning Section of LA DOTD. Traffic estimates were based on a 1.15% annual growth rate. Traffic counts were established using peak turning movements at the highest hour of traffic provided by the Traffic and Planning Section of LA DOTD. Traffic speed was modeled at 65mph on US 90, 55mph on the frontage roads, and 55mph for LA 668 for the existing and future no-build models. The future build was modeled at 70mph on US 90, 55mph for LA 668, and 55mph on the frontage roads.

RESULTS

EXISTING NOISE LEVEL

Nine receptors were modeled for the year 2002. Six of the receptors are Category B. Two receptors are Category C. The remaining receptor represents the location of the field measurements. None of the modeled receptors have existing noise levels that exceed Noise Abatement Criteria. The results of the TNM model show existing noise levels are within 1dBa of field measurements. (see Table 2)

THE NO-BUILD ALTERNATIVE

Nine receptors were modeled for the year 2022. None of the modeled receptors were identified as having noise levels that exceed the Noise Abatement Criteria for the modeled year of 2022. (see Table 2)

THE BUILD ALTERNATIVE

Nine receptors were modeled for the year 2002 and 2022. None of the receptors were identified as having noise levels that exceed the Noise Abatement Criteria for both of the modeled years of 2002 and 2022. (see Table 2)

ANALYSIS OF CONSTRUCTION NOISE

Construction noise is expected to have temporary impacts upon all residences. The particular receptors of concern are within 500 feet (152.5 m) of the project centerline. It is recommended that all construction operations be restricted to working hours whenever possible.

Abatement measures should be employed whenever possible. All construction equipment such as pumps, compressors, generators, bulldozers, cranes, trucks, etc., should be properly muffled and all motor panels should be closed to reduce the noise impacts. Section 107.15 of the *Louisiana Standard Specifications for Roads and Bridges* and the FHWA Technical Advisory T 6160.2 dated March 13, 1984, can be referenced for further details on the sources and abatement of construction noise.

CONCLUSIONS AND RECOMMENDATIONS

None of the receptors along the proposed project area have existing noise levels that meet or exceed the LA DOTD Noise Abatement Criteria. The future no-build, the build, and the future build alternatives do not have any modeled impacts. No noise abatement methods are needed.

Construction noise generated as a result of the proposed project will cause temporary impacts to receptors. The construction contractor will minimize noise impacts by adhering to the abatement measures stated in Section 107.15 (Environmental Protection) of the *Louisiana Standard Specification for Roads and Bridges*.

Table 1
 LA DOTD ABATEMENT CRITERIA (NAC)
 DECIBELS – dB (A weighted)

Activity Category	Leq(1 hr)	Description of Activity Category
A	56 (Exterior)	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purposes.
B	66 (Exterior)	Picnic areas, recreational areas, playgrounds, active sports areas, parks, residences, motels, hotels, schools, churches, libraries, and hospitals.
C	71 (Exterior)	Developed lands, properties, or activities not included in categories A or B above.
D	---	Undeveloped lands.
E	51 (Interior)	Residences, motels, hotels, public meeting rooms, schools, churches, libraries, and auditoriums.

TABLE 2. SUMMARY OF NOISE ANALYSIS RESULTS
STATE PROJECT NO. 700-23-0201
US 90 @ LA 668
US 90, IBERIA PARISH

	Present	Present Build	Future No-Build	Future build
Receptor 1 (Measured)	63	63	64	65
Receptor 2 (Cat. B)	59	60	59	61
Receptor 3 (Cat. B)	59	61	60	62
Receptor 4 (Cat. B)	61	62	61	64
Receptor 5 (Cat. B)	57	59	58	60
Receptor 6 (Cat. B)	53	56	54	57
Receptor 7 (Cat. C)	59	59	60	60
Receptor 8 (Cat. B)	61	63	62	64
Receptor 9 (Cat. C)	60	63	60	64

APPENDIX C

WETLANDS DELINEATION
STATE PROJECT NO. 424-04-0032
US 90 INTERCHANGE @ LA 85
IBERIA PARISH

Consultation of the U.S. Fish and Wildlife Service's (USF & WS) National Wetland Inventory Map (NWIM), study of soils and hydrology for the proposed project corridor and a wetlands survey conducted by staff Biologists on February 7, 2000 , confirmed wetlands are not present. Therefore, wetlands will not be impacted by construction activities for this project. The proposed project area is an interchange that is mowed and maintained.

Laché R. Anderson

Laché R. Anderson
Environmental Specialist II.

PLANT LIST
STATE PROJECT NO. 424-04-0032
US 90 INTERCHANGE @ LA 85
IBERIA PARISH

<u>Common Name</u>	<u>Scientific Name</u>	<u>Indicator Status¹</u>
Butterweed	<i>Senecio glabellus</i>	FACW+
Carolina Geranium	<i>Geranium carolinianum</i>	NI
Clover, white	<i>Trifolium repens</i>	FACU
Sow Thistle	<i>Sonchus asper</i>	FAC+

¹Indicator Status:

OBL = Obligate Wetland
FACW = Facultative Wetland
FAC = Facultative
FACU = Facultative Upland
UPL = Obligate Upland
NI = Not Indicated

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>US 90 Interchange at LA 85</u> Applicant/Owner: <u>DOTD</u> Investigator: <u>LA, RL, LD, CC</u>	Date: <u>2-7-00</u> County: <u>Ibena Parish</u> State: <u>LA</u>
Do Normal Circumstances exist on the site? <input checked="" type="radio"/> Yes <input type="radio"/> No Is the site significantly disturbed (Atypical Situation)? <input type="radio"/> Yes <input checked="" type="radio"/> No Is the area a potential Problem Area? <input type="radio"/> Yes <input checked="" type="radio"/> No (If needed, explain on reverse.)	Community ID: _____ Transect ID: _____ Plot ID: _____

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Saw Thistle</u>	<u>H</u>	<u>FAC+</u>	9. _____	_____	_____
2. <u>Carolina Geranium</u>	<u>H</u>	<u>NI</u>	10. _____	_____	_____
3. <u>Butterweed</u>	<u>H</u>	<u>FACW+</u>	11. _____	_____	_____
4. <u>Clover</u>	<u>H</u>	<u>FACU</u>	12. _____	_____	_____
5. _____	_____	_____	13. _____	_____	_____
6. _____	_____	_____	14. _____	_____	_____
7. _____	_____	_____	15. _____	_____	_____
8. _____	_____	_____	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): $\frac{2}{3} = 67\%$

Remarks: _____

HYDROLOGY

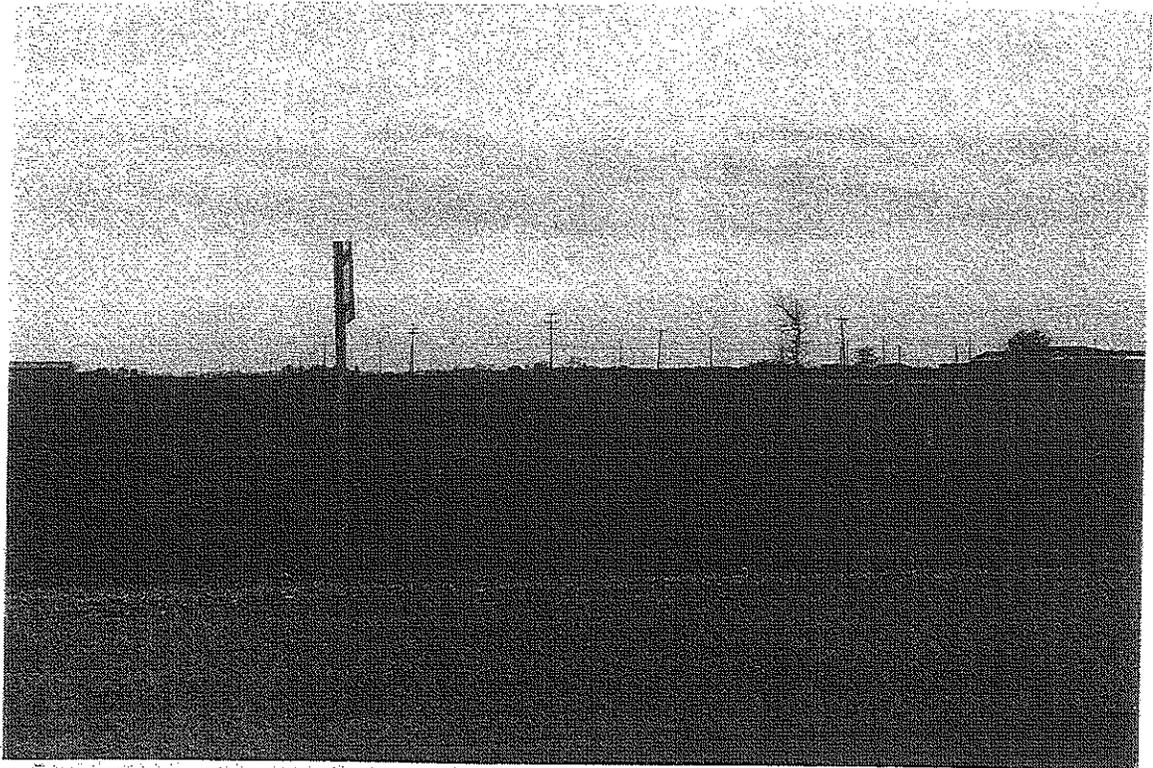
<input type="checkbox"/> Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input type="checkbox"/> Water Marks <input type="checkbox"/> Drift Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: <u>none</u> (in.) Depth to Free Water in Pit: <u>none</u> (in.) Depth to Saturated Soil: <u>none</u> (in.)	
Remarks: _____	

STATE PROJECT NO. 424-04-0032
US 90 INTERCHANGE @ LA 85
IBERIA PARISH



PHOTO ABOVE SHOWS SURROUNDING AREA OF US 90 INTERCHANGE @ LA 85
LOOKING SOUTH

PHOTO BELOW SHOWS SURROUNDING AREA OF US 90 INTERCHANGE @ LA 85
LOOKING EAST



***WETLANDS DELINEATION
STATE PROJECT NO. 424-04-0026
US 90 INTERCHANGE @ LA 668
IBERIA PARISH***

Consultation of the U.S. Fish and Wildlife Service's (USF & WS) National Wetland Inventory Map (NWIM), study of soils and hydrology for the proposed project corridor and a wetlands survey conducted by staff Biologists on February 7, 2000 , confirmed wetlands are not present. Therefore, wetlands will not be impacted by construction activities for this project. The proposed project area is an interchange that is mowed and maintained.

Laché R. Anderson

Laché R. Anderson
Environmental Specialist II.

STATE PROJECT NO. 424-04-0032
US 90 INTERCHANGE @ LA 85
IBERIA PARISH



PHOTO ABOVE SHOWS SURROUNDING AREA OF US 90 INTERCHANGE @ LA 85
LOOKING WEST

DATA FORM
 ROUTINE WETLAND DETERMINATION
 (1987 COE Wetlands Delineation Manual)

Project/Site: <u>US 90 Interchange at LA 668</u> Applicant/Owner: <u>DOTD</u> Investigator: <u>LA, RL, LD, CC</u>	Date: <u>2-7-00</u> County: <u>Iberia Parish</u> State: <u>LA</u>						
Do Normal Circumstances exist on the site? Is the site significantly disturbed (Atypical Situation)? Is the area a potential Problem Area? (If needed, explain on reverse.)	<table style="width: 100%; border: none;"> <tr> <td style="text-align: center;">(Yes) No</td> <td style="text-align: center;">(No) Yes</td> </tr> <tr> <td style="text-align: center;">(Yes) No</td> <td style="text-align: center;">(No) Yes</td> </tr> <tr> <td style="text-align: center;">(Yes) No</td> <td style="text-align: center;">(No) Yes</td> </tr> </table>	(Yes) No	(No) Yes	(Yes) No	(No) Yes	(Yes) No	(No) Yes
(Yes) No	(No) Yes						
(Yes) No	(No) Yes						
(Yes) No	(No) Yes						
Community ID: _____ Transect ID: _____ Plot ID: _____							

VEGETATION

Dominant Plant Species	Stratum	Indicator	Dominant Plant Species	Stratum	Indicator
1. <u>Sow Thistle</u>	<u>H</u>	<u>FAC+</u>	9. _____	_____	_____
2. <u>Carolina Geranium</u>	<u>H</u>	<u>NI</u>	10. _____	_____	_____
3. <u>Elderberry</u>	<u>S/S</u>	<u>FACW-</u>	11. _____	_____	_____
4. <u>Black Willow</u>	<u>T</u>	<u>FAC</u>	12. _____	_____	_____
5. <u>Wax myrtle</u>	<u>S/S</u>	<u>FAC+</u>	13. _____	_____	_____
6. <u>Blackberry</u>	<u>WV</u>	<u>FAC</u>	14. _____	_____	_____
7. <u>Bamboo</u>	<u>S/S</u>	<u>FACW</u>	15. _____	_____	_____
8. <u>Clover</u>	<u>H</u>	<u>FACU</u>	16. _____	_____	_____

Percent of Dominant Species that are OBL, FACW or FAC (excluding FAC-): $\frac{6}{7} = 85.7\%$

Remarks: _____

HYDROLOGY

Recorded Data (Describe in Remarks): <input type="checkbox"/> Stream, Lake, or Tide Gauge <input type="checkbox"/> Aerial Photographs <input type="checkbox"/> Other <input checked="" type="checkbox"/> No Recorded Data Available	Wetland Hydrology Indicators: Primary Indicators: <input type="checkbox"/> Inundated <input type="checkbox"/> Saturated in Upper 12 Inches <input checked="" type="checkbox"/> Water Marks <input checked="" type="checkbox"/> Drift Lines <input type="checkbox"/> Sediment Deposits <input type="checkbox"/> Drainage Patterns in Wetlands Secondary Indicators (2 or more required): <input type="checkbox"/> Oxidized Root Channels in Upper 12 Inches <input checked="" type="checkbox"/> Water-Stained Leaves <input type="checkbox"/> Local Soil Survey Data <input type="checkbox"/> FAC-Neutral Test <input type="checkbox"/> Other (Explain in Remarks)
Field Observations: Depth of Surface Water: <u>none</u> (in.) Depth to Free Water in Pit: <u>none</u> (in.) Depth to Saturated Soil: <u>none</u> (in.)	Remarks: _____

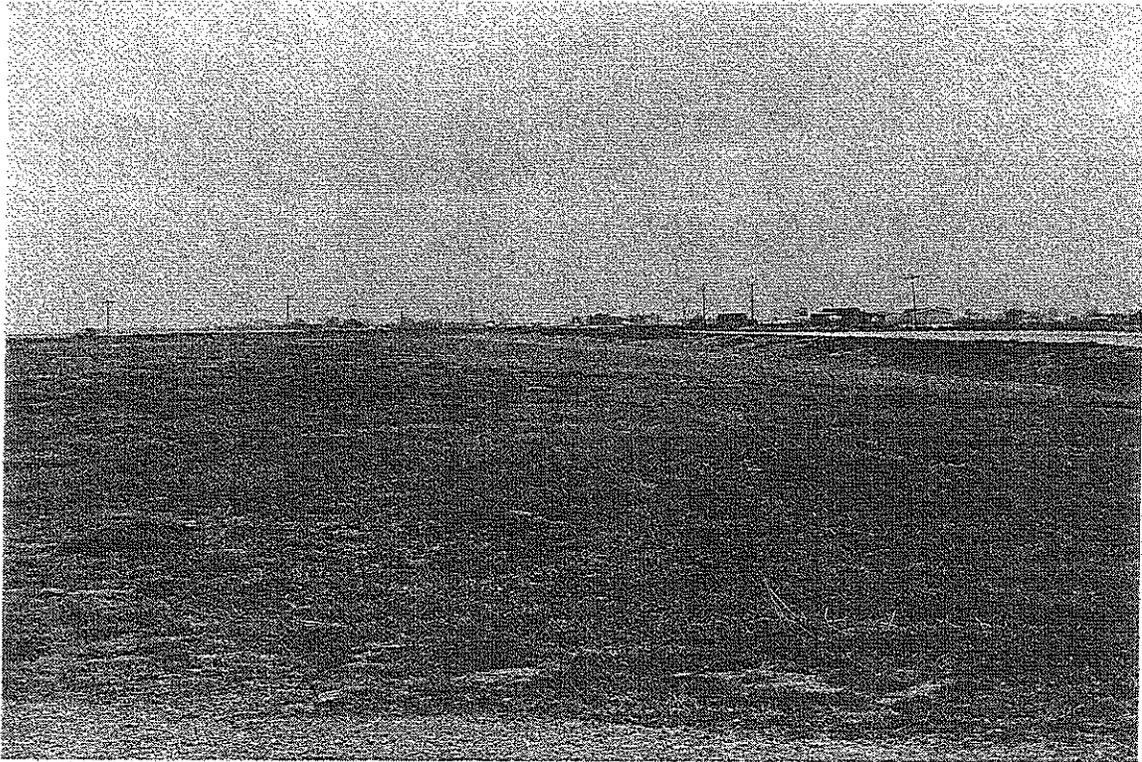
PLANT LIST
STATE PROJECT NO. 424-04-0026
US 90 INTERCHANGE @ LA 668
IBERIA PARISH

<u>Common Name</u>	<u>Scientific Name</u>	<u>Indicator Status¹</u>
Blackberry	<i>Rubus betifolius</i>	FAC
Black Willow	<i>Salix nigra</i>	FAC
Carolina Geranium	<i>Geranium carolinianum</i>	NI
Clover, white	<i>Trifolium repens</i>	FACU
Elderberry	<i>Sambucus canadensis</i>	FACW-
Giant Cane (Bamboo)	<i>Arundinaria gigantea</i>	FACW
Sow Thistle	<i>Sonchus asper</i>	FAC+
Wax Myrtle	<i>Myrica cerifera</i>	FAC+

¹Indicator Status:

- OBL = Obligate Wetland
- FACW = Facultative Wetland
- FAC = Facultative
- FACU = Facultative Upland
- UPL = Obligate Upland
- NI = Not Indicated

**STATE PROJECT NO. 424-04-0026
US 90 INTERCHANGE @ LA 668
IBERIA PARISH**



**PHOTO ABOVE SHOWS SURROUNDING AREA OF US 90 INTERCHANGE @ LA 668
LOOKING WEST**

**PHOTO BELOW SHOWS SURROUNDING AREA OF US 90 INTERCHANGE @ LA 688
LOOKING WEST NEXT TO THE BRIDGE SITE**

