

# **APPENDIX A**

## **Stage 0 Feasibility Study**

### **Checklists**

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**STAGE 0**  
**Preliminary Scope and Budget Checklist**  
**Alternative 4**

District 04 Parish Caddo & Bossier Route La 511

Control Section 102-02 & 102-03 Total Project Length (miles) 1.80

Begin Project (CS Log Mile) 5.13 End Project (CS Log Mile) 1.27

Project Category (Safety, Capacity, etc.) Capacity Date Prepared: 07/07/09

A. Purpose and need for the project: Increase Capacity and Improve Safety along Jimmie Davis Highway across the Red River

B. Project Concept

- Description of existing facility (functional class, ADT, number of lanes, etc): 5-lane roadway on the west side which transitions to a two lane section across the Red River. From the intersection with Centurytel Center Drive to Barksdale Boulevard, LA 511 is a 3-lane section with a two-way left turn lane (TWLTL). 2009 ADT crossing the bridge is 27,679. Functional Class is UA-2.
- Major Design Features/Criteria of the proposed facility (attach aerial photo w/concept if applicable): Widen highway to a 5-lane highway. Typical Section will consist of 2 lanes in each direction with a TWLTL in the middle lane. Prior to either end of the bridge crossing, TWLTL will transition to a median. Main span of bridge crossing would consist of steel girders. Span lengths should match the spans of the existing bridge. See attached Figures 16A-16H for Concept Alternative 4.
- Design Exceptions: None
- Technical Analyses (traffic analysis, safety analysis, etc): 2015 ADT will be 29,733. 2030 ADT will be 35,558. Traffic Signal will remain in place, but no left turns would be allowed from La. 511 WB to Centurytel Center NB. Access to Centurytel Center Drive would be provided via Arthur Ray Teague Parkway.
- Alternatives to Project Concept: See Alternatives 5, 5A, and 6.
- Future ITS / Traffic Considerations: Coordination of traffic lights at Centurytel Center Boulevard, Sunflower Boulevard and Barksdale Boulevard
- Construction Traffic Management/Property Access Considerations: Traffic would remain on existing bridge during construction of new bridge.

C. Potential environmental impacts (Complete the Stage 0 Environmental Checklist on pages 4-10 to 4-13):  
Potential Wetland impact along Red River, potential habitat impact for threatened and endangered species, and potential hazardous materials issues. See environmental checklist.

D. Cost Estimate

• Engineering Design:	<u>\$ 3,777,153</u>
• Environmental (document, mitigation, etc.):	<u>\$ 2,266,292</u>
• R/W Acquisition: (C of A if applicable)	<u>\$ 1,431,000</u>
• Utility Relocations:	<u>\$ 0</u>
• Construction (including const. traffic management):	<u>\$ 75,543,069</u>
<b>TOTAL PROJECT COST</b>	<b><u>\$ 83,017,515</u></b>

E. Expected Funding Source(s) (Highway Priority Program, CMAQ, Urban Systems, Fed/State earmarks, etc.)

Highway Priority Program

**ATTACH ANY ADDITIONAL DOCUMENTATION**

Prepared By: \_\_\_\_\_

**Disposition (circle one):** (1) Advance to Stage 1    (2) Hold for Reconsideration    (3) Shelve

## Stage 0 Environmental Checklist

C.S. 102-02 & 102-03 Parish Bossier  
Route La 511 Begin Log mile 5.13 End Log mile 1.27

**ADJACENT LAND USE:** Mostly Commercial with some undeveloped property

**Any property owned by a Native American Tribe?**

(Y or N or Unknown) If so, which Tribe? N

**Any property enrolled into the Wetland Reserve Program?**

(Y or N or Unknown) If so, give the location N

**Community Elements: Is the project impacting or adjacent to any:**

(Y or N) Cemeteries N

(Y or N) Churches Y, Riverpark Church & Barksdale Baptist Church

(Y or N) Schools N

(Y or N) Public Facilities (i.e., fire station, library, etc.) Y, Centurytel Center, Cornerstone Hospital, Colonial Oaks Guest Care Center

(Y or N) Community water well/supply N

**Section 4(f) issue: Is the project impacting or adjacent to any:**

(Y or N) Public recreation areas N

(Y or N) Public parks Y, Marie and Charles Hamel Memorial Park

(Y or N) Wildlife Refuges N

(Y or N) Historic Sites N

**Is the project impacting, or adjacent to, a property listed on the National Register of Historic Places? (Y or N) Is the project within a historic district or a national landmark district? (Y or N)** If the answer is yes to either question, list names and locations below:

N

**Do you know of any threatened or endangered species in the area? (Y or N)**

If so, which species? Y, interior least tern, bald eagle, and red-cockaded woodpecker

**Does the project impact a stream protected by the Louisiana Scenic Rivers Act? (Y or N)**

If yes, name the stream. N

**Are there any Significant Trees as defined by EDSM I.1.1.21 within proposed ROW?(Y or N)**

If so, where? N

**What year was the existing bridge built?**

1968

**Are any waterways impacted by the project considered navigable? (Y or N)** If unknown, state so, list the waterways: Y, Red River

**Hazardous Material: Have you checked the following DEQ and EPA databases for potential problems?**

(Y or N) Leaking Underground Storage Tanks Y, No leaking storage tanks.

(Y or N) CERCLIS Y, No sites in project area.

(Y or N) ERNS Y, No issues in the project area.

(Y or N) Enforcement and Compliance History Y, See Report.

If found site, give the name and location: None

**Underground Storage Tanks (UST): Are there any Gasoline Stations or other facilities that may have UST on or adjacent to the project? (Y or N)** Yes

## Stage 0 Environmental Checklist

If so, give the name and location: Valero (4910 Barksdale Blvd.), Brookshire's Gas (4918 Barksdale Blvd.)

**Any chemical plants, refineries or landfills adjacent to the project?** (Y or N) **Any large manufacturing facilities adjacent to the project?** (Y or N) **Dry Cleaners?** (Y or N) If yes to any, give names and locations: Y, South Bossier Cleaners (4970 Barksdale Blvd.)

**Oil/Gas wells: Have you checked DNR database for registered oil and gas wells?** (Y or N)  
List the type and location of wells being impacted by the project. Y, There are no oil or gas wells adjacent to the project that would be impacted.

**Are there any possible residential or commercial relocations/displacements?** (Y or N)  
How many?  
N

**Do you know of any sensitive community issues related to the project?** (Y or N)  
If so, explain  
N

**Is the project area population minority or low income?** (Y or N)  
N

**What type of detour/closures could be used on the job?** Lane closures at tie-in locations

**Did you notice anything of concern during your site/windshield survey of the area?** If so, explain below. Bridge piers will have to be spaced so that there no impact with the levee on the east side of the Red River or the floodwall on the west side of the Red River. Due to the height of the bridge, the pedestrian lane should have fences along the barrier to prevent falling over the rails.

\_\_\_\_\_  
**Point of Contact**

\_\_\_\_\_  
**Phone Number**

8/26/09

**Date**

**STAGE 0**  
**Preliminary Scope and Budget Checklist**  
**Alternative 5**

District 04 Parish Bossier Route La 511

Control Section 102-02 & 102-03 Total Project Length (miles) 1.80

Begin Project (CS Log Mile) 5.13 End Project (CS Log Mile) 1.27

Project Category (Safety, Capacity, etc.) Capacity Date Prepared: 07/07/09

A. Purpose and need for the project: Increase Capacity and Improve Safety along Jimmie Davis Highway across the Red River

B. Project Concept

- Description of existing facility (functional class, ADT, number of lanes, etc): 5-lane roadway on the west side which transitions to a two lane section across the Red River. From the intersection with Centurytel Center Drive to Barksdale Boulevard, LA 511 is a 3-lane section with a two-way left turn lane (TWLTL). 2009 ADT crossing the bridge is 27,679. Functional Class is UA-2.
- Major Design Features/Criteria of the proposed facility (attach aerial photo w/concept if applicable): Widen highway to a 5-lane highway. Typical Section will consist of 2 lanes in each direction with a TWLTL in the middle lane. Prior to either end of the bridge crossing, TWLTL will transition to a median. Main span of bridge crossing would consist of steel girders. Span lengths should match the spans of the existing bridge. See Figures 17A-17H for Concept Alternative 5.
- Design Exceptions: None
- Technical Analyses (traffic analysis, safety analysis, etc): 2015 ADT will be 30,265. 2030 ADT will be 37,839. Traffic Signal at Centurytel Center Dr. will be removed to accommodate a full interchange with Arthur Ray Teague Parkway. Access for businesses on south side of Jimmie Davis Highway will be provided via a frontage road.
- Alternatives to Project Concept: See Alternatives 4, 5A, and 6.
- Future ITS / Traffic Considerations: Coordination of traffic lights at Sunflower Boulevard and Barksdale Boulevard
- Construction Traffic Management/Property Access Considerations: Traffic would remain on existing bridge during construction of new bridge.

C. Potential environmental impacts (Complete the Stage 0 Environmental Checklist on pages 4-10 to 4-13):

Potential Wetland impact along Red River, potential habitat impact for threatened and endangered species, and potential hazardous materials issues. See environmental checklist.

D. Cost Estimate

• Engineering Design:	<u>\$ 4,471,020</u>
• Environmental (document, mitigation, etc.):	<u>\$ 2,682,612</u>
• R/W Acquisition: (C of A if applicable)	<u>\$ 2,234,400</u>
• Utility Relocations:	<u>\$ 50,000</u>
• Construction (including const. traffic management):	<u>\$ 89,420,392</u>
<b>TOTAL PROJECT COST</b>	<b><u>\$ 98,858,423</u></b>

E. Expected Funding Source(s) (Highway Priority Program, CMAQ, Urban Systems, Fed/State earmarks, etc.)

Highway Priority Program

**ATTACH ANY ADDITIONAL DOCUMENTATION**

Prepared By: \_\_\_\_\_

**Disposition (circle one):** (1) Advance to Stage 1    (2) Hold for Reconsideration    (3) Shelve

## Stage 0 Environmental Checklist

C.S. 102-02 & 102-03 Parish Bossier  
Route La 511 Begin Log mile 5.13 End Log mile 1.27

**ADJACENT LAND USE:** Mostly Commercial with some undeveloped property

**Any property owned by a Native American Tribe?**

(Y or N or Unknown) If so, which Tribe? N

**Any property enrolled into the Wetland Reserve Program?**

(Y or N or Unknown) If so, give the location N

**Community Elements: Is the project impacting or adjacent to any:**

(Y or N) Cemeteries N

(Y or N) Churches Y, Riverpark Church, Barksdale Baptist Church

(Y or N) Schools N

(Y or N) Public Facilities (i.e., fire station, library, etc.) Y, Centurytel Center, Cornerstone Hospital

(Y or N) Community water well/supply N

**Section 4(f) issue: Is the project impacting or adjacent to any:**

(Y or N) Public recreation areas N

(Y or N) Public parks Y, Marie and Charles Hamel Memorial Park

(Y or N) Wildlife Refuges N

(Y or N) Historic Sites N

**Is the project impacting, or adjacent to, a property listed on the National Register of Historic Places? (Y or N) Is the project within a historic district or a national landmark district? (Y or N)** If the answer is yes to either question, list names and locations below:

N

**Do you know of any threatened or endangered species in the area? (Y or N)**

If so, which species? Y, interior least tern, red-cockaded woodpecker, and bald eagle

**Does the project impact a stream protected by the Louisiana Scenic Rivers Act? (Y or N)**

If yes, name the stream. N

**Are there any Significant Trees as defined by EDSM I.1.1.21 within proposed ROW?(Y or N)**

If so, where? N

**What year was the existing bridge built?**

1968

**Are any waterways impacted by the project considered navigable? (Y or N)** If unknown, state so, list the waterways: Y, Red River

**Hazardous Material: Have you checked the following DEQ and EPA databases for potential problems?**

(Y or N) Leaking Underground Storage Tanks Y, No leaking storage tanks.

(Y or N) CERCLIS Y, No sites in project area.

(Y or N) ERNS Y, No issues in project area.

(Y or N) Enforcement and Compliance History Y, See Report.

If found site, give the name and location: None

**Underground Storage Tanks (UST): Are there any Gasoline Stations or other facilities that may have UST on or adjacent to the project? (Y or N)** Yes

If so, give the name and location: Valero (4910 Barksdale Blvd.) and Brookshire's Gas (4918 Barksdale Blvd.)

## Stage 0 Environmental Checklist

**Any chemical plants, refineries or landfills adjacent to the project? (Y or N) Any large manufacturing facilities adjacent to the project? (Y or N) Dry Cleaners? (Y or N)** If yes to any, give names and locations: Y, South Bossier Cleaners (4970 Barksdale Blvd.)

**Oil/Gas wells: Have you checked DNR database for registered oil and gas wells? (Y or N)**  
List the type and location of wells being impacted by the project. Y, There are no oil or gas wells adjacent to the project that would be impacted.

**Are there any possible residential or commercial relocations/displacements? (Y or N)**  
How many?  
N

**Do you know of any sensitive community issues related to the project? (Y or N)**  
If so, explain  
N

**Is the project area population minority or low income? (Y or N)**  
N

**What type of detour/closures could be used on the job?** Lane closures at tie-in locations

**Did you notice anything of concern during your site/windshield survey of the area?** If so, explain below. Bridge piers will have to be spaced so that there no impact with the levee on the east side of the Red River or the floodwall on the west side of the Red River. Due to the height of the bridge, the pedestrian lane should have fences along the barrier to prevent falling over the rails.

\_\_\_\_\_  
**Point of Contact**

\_\_\_\_\_  
**Phone Number**

8/26/09  
**Date**

**STAGE 0**  
**Preliminary Scope and Budget Checklist**  
**Alternative 5A**

District 04 Parish Bossier Route La 511

Control Section 102-02 & 102-03 Total Project Length (miles) 1.80

Begin Project (CS Log Mile) 5.13 End Project (CS Log Mile) 1.27

Project Category (Safety, Capacity, etc.) Capacity Date Prepared: 07/07/09

A. Purpose and need for the project: Increase Capacity and Improve Safety along Jimmie Davis Highway across the Red River

B. Project Concept

- Description of existing facility (functional class, ADT, number of lanes, etc): 5-lane roadway on the west side which transitions to a two lane section across the Red River. From the intersection with Centurytel Center Drive to Barksdale Boulevard, LA 511 is a 3-lane section with a two-way left turn lane (TWLTL). 2009 ADT crossing the bridge is 27,679. Functional Class is UA-2.
- Major Design Features/Criteria of the proposed facility (attach aerial photo w/concept if applicable): Widen highway to a 5-lane highway. Typical Section will consist of 2 lanes in each direction with a TWLTL in the middle lane. Prior to either end of the bridge crossing, TWLTL will transition to a median. Main span of bridge crossing would consist of steel girders. Span lengths should match the spans of the existing bridge. See Figures 18A-18H for Concept Alternative 5A.
- Design Exceptions: None
- Technical Analyses (traffic analysis, safety analysis, etc): 2015 ADT will be 30,265. 2030 ADT will be 37,839. Traffic Signal at Centurytel Center Dr. will be removed to accommodate a full interchange with Arthur Ray Teague Parkway. Access for businesses on south side of Jimmie Davis Highway will be provided via a frontage road.
- Alternatives to Project Concept: See Alternatives 4, 5, and 6.
- Future ITS / Traffic Considerations: Coordination of traffic lights at Sunflower Boulevard and Barksdale Boulevard
- Construction Traffic Management/Property Access Considerations: Traffic would remain on existing bridge during construction of new bridge.

C. Potential environmental impacts (Complete the Stage 0 Environmental Checklist on pages 4-10 to 4-13): Potential Wetland impact along Red River, potential habitat impact for threatened and endangered species, and potential hazardous materials issues. See environmental checklist.

D. Cost Estimate

• Engineering Design:	<u>\$ 2,825,054</u>
• Environmental (document, mitigation, etc.):	<u>\$ 1,695,033</u>
• R/W Acquisition: (C of A if applicable)	<u>\$ 2,258,400</u>
• Utility Relocations:	<u>\$ 100,000</u>
• Construction (including const. traffic management):	<u>\$ 56,501,084</u>
<b>TOTAL PROJECT COST</b>	<b><u>\$ 63,379,571</u></b>

E. Expected Funding Source(s) (Highway Priority Program, CMAQ, Urban Systems, Fed/State earmarks, etc.)

Highway Priority Program

**ATTACH ANY ADDITIONAL DOCUMENTATION**      Prepared By: \_\_\_\_\_

**Disposition (circle one):** (1) Advance to Stage 1    (2) Hold for Reconsideration    (3) Shelve

## Stage 0 Environmental Checklist

C.S. 102-02 & 102-03 Parish Bossier  
Route La 511 Begin Log mile 5.13 End Log mile 1.27

**ADJACENT LAND USE:** Mostly commercial with some undeveloped property

**Any property owned by a Native American Tribe?**

(Y or N or Unknown) If so, which Tribe? N

**Any property enrolled into the Wetland Reserve Program?**

(Y or N or Unknown) If so, give the location N

**Community Elements: Is the project impacting or adjacent to any:**

(Y or N) Cemeteries N

(Y or N) Churches Y, Riverpark Church, Barksdale Baptist Church

(Y or N) Schools N

(Y or N) Public Facilities (i.e., fire station, library, etc.) Y, Centurytel Center, Cornerstone Hospital

(Y or N) Community water well/supply N

**Section 4(f) issue: Is the project impacting or adjacent to any:**

(Y or N) Public recreation areas N

(Y or N) Public parks Y, Marie and Charles Hamel Memorial Park

(Y or N) Wildlife Refuges N

(Y or N) Historic Sites N

**Is the project impacting, or adjacent to, a property listed on the National Register of Historic Places? (Y or N) Is the project within a historic district or a national landmark district? (Y or N)** If the answer is yes to either question, list names and locations below:

N

**Do you know of any threatened or endangered species in the area? (Y or N)**

If so, which species? Y, interior least tern, red-cockaded woodpecker, and bald eagle

**Does the project impact a stream protected by the Louisiana Scenic Rivers Act? (Y or N)**

If yes, name the stream. N

**Are there any Significant Trees as defined by EDSM I.1.1.21 within proposed ROW?(Y or N)**

If so, where? N

**What year was the existing bridge built?**

1968

**Are any waterways impacted by the project considered navigable? (Y or N)** If unknown, state so, list the waterways: Y, Red River

**Hazardous Material: Have you checked the following DEQ and EPA databases for potential problems?**

(Y or N) Leaking Underground Storage Tanks Y, No leaking storage tanks.

(Y or N) CERCLIS Y, No sites in project area.

(Y or N) ERNS Y, No issues in the project area.

(Y or N) Enforcement and Compliance History Y, See Report.

If found site, give the name and location: None

**Underground Storage Tanks (UST): Are there any Gasoline Stations or other facilities that may have UST on or adjacent to the project? (Y or N)** Yes

## Stage 0 Environmental Checklist

If so, give the name and location: Valero (4910 Barksdale Blvd.) and Brookshire's Gas (4918 Barksdale Blvd.)

**Any chemical plants, refineries or landfills adjacent to the project?** (Y or N) **Any large manufacturing facilities adjacent to the project?** (Y or N) **Dry Cleaners?** (Y or N) If yes to any, give names and locations: Y, South Bossier Cleaners (4970 Barksdale Blvd.)

**Oil/Gas wells: Have you checked DNR database for registered oil and gas wells?** (Y or N)  
List the type and location of wells being impacted by the project.  
N

**Are there any possible residential or commercial relocations/displacements?** (Y or N)  
How many?  
N

**Do you know of any sensitive community issues related to the project?** (Y or N)  
If so, explain  
N

**Is the project area population minority or low income?** (Y or N)  
N

**What type of detour/closures could be used on the job?** Lane closures at tie-in locations

**Did you notice anything of concern during your site/windshield survey of the area?** If so, explain below. Bridge piers will have to be spaced so that there no impact with the levee on the east side of the Red River or the floodwall on the west side of the Red River. Due to the height of the bridge, the pedestrian lane should have fences along the barrier to prevent falling over the rails.

**Point of Contact**

**Phone Number**

8/26/09  
**Date**

**STAGE 0**  
**Preliminary Scope and Budget Checklist**  
**Alternative 6**

District 04 Parish Bossier Route La 511

Control Section 102-02 & 102-03 Total Project Length (miles) 1.80

Begin Project (CS Log Mile) 5.13 End Project (CS Log Mile) 1.27

Project Category (Safety, Capacity, etc.) Capacity Date Prepared: 07/07/09

A. Purpose and need for the project: Increase Capacity and Improve Safety along Jimmie Davis Highway across the Red River

B. Project Concept

- Description of existing facility (functional class, ADT, number of lanes, etc): 5-lane roadway on the west side which transitions to a two lane section across the Red River. From the intersection with Centurytel Center Drive to Barksdale Boulevard, LA 511 is a 3-lane section with a two-way left turn lane (TWLTL). 2009 ADT crossing the bridge is 27,679. Functional Class is UA-2.
- Major Design Features/Criteria of the proposed facility (attach aerial photo w/concept if applicable): Widen highway to a 5-lane highway. Typical Section will consist of 2 lanes in each direction with a TWLTL in the middle lane. Prior to either end of the bridge crossing, TWLTL will transition to a median. Main span of bridge crossing would consist of steel girders. Span lengths should match the spans of the existing bridge. See Figures 19A-19J for Concept Alternative 6.
- Design Exceptions: None
- Technical Analyses (traffic analysis, safety analysis, etc): 2015 ADT will be 30,265. 2030 ADT will be 37,839. Traffic Signal at Centurytel Center Dr. will be removed to accommodate a full interchange with Arthur Ray Teague Parkway. Intersection at Zack Drive would be reconfigured to only allow right out access.
- Alternatives to Project Concept: See Alternatives 4, 5, and 5A.
- Future ITS / Traffic Considerations: Coordination of traffic lights at Sunflower Boulevard and Barksdale Boulevard
- Construction Traffic Management/Property Access Considerations: Traffic would remain on existing bridge during construction of new bridge.

C. Potential environmental impacts (Complete the Stage 0 Environmental Checklist on pages 4-10 to 4-13): Potential Wetland impact along Red River, potential habitat impact for threatened and endangered species, and potential hazardous materials issues. See environmental checklist.

D. Cost Estimate

• Engineering Design:	<u>\$ 6,345,271</u>
• Environmental (document, mitigation, etc.):	<u>\$ 3,807,163</u>
• R/W Acquisition: (C of A if applicable)	<u>\$ 2,347,800</u>
• Utility Relocations:	<u>\$ 0</u>
• Construction (including const. traffic management):	<u>\$ 126,905,425</u>
<b>TOTAL PROJECT COST</b>	<b><u>\$ 139,405,659</u></b>

E. Expected Funding Source(s) (Highway Priority Program, CMAQ, Urban Systems, Fed/State earmarks, etc.)

Highway Priority Program

**ATTACH ANY ADDITIONAL DOCUMENTATION**

Prepared By: \_\_\_\_\_

**Disposition (circle one):** (1) Advance to Stage 1    (2) Hold for Reconsideration    (3) Shelve

## Stage 0 Environmental Checklist

C.S. 102-02 & 102-03 Parish Bossier  
Route La 511 Begin Log mile 5.13 End Log mile 1.27

**ADJACENT LAND USE:** Mostly commercial with some undeveloped property.

**Any property owned by a Native American Tribe?**

(Y or N or Unknown) If so, which Tribe? N

**Any property enrolled into the Wetland Reserve Program?**

(Y or N or Unknown) If so, give the location N

**Community Elements: Is the project impacting or adjacent to any:**

(Y or N) Cemeteries N

(Y or N) Churches Y, Riverpark Church, Barksdale Baptist Church

(Y or N) Schools N

(Y or N) Public Facilities (i.e., fire station, library, etc.) Y, Centurytel Center, Cornerstone Hospital

(Y or N) Community water well/supply N

**Section 4(f) issue: Is the project impacting or adjacent to any:**

(Y or N) Public recreation areas Y, Hamel's Park

(Y or N) Public parks Y, Marie and Charles Hamel Memorial Park

(Y or N) Wildlife Refuges N

(Y or N) Historic Sites N

**Is the project impacting, or adjacent to, a property listed on the National Register of Historic Places? (Y or N) Is the project within a historic district or a national landmark district? (Y or N)** If the answer is yes to either question, list names and locations below:

N

**Do you know of any threatened or endangered species in the area? (Y or N)**

If so, which species? Y, interior least tern, red-cockaded woodpecker, and bald eagle

**Does the project impact a stream protected by the Louisiana Scenic Rivers Act? (Y or N)**

If yes, name the stream. N

**Are there any Significant Trees as defined by EDSM I.1.1.21 within proposed ROW?(Y or N)**

If so, where? N

**What year was the existing bridge built?**

1967

**Are any waterways impacted by the project considered navigable? (Y or N)** If unknown, state so, list the waterways: Y, Red River

**Hazardous Material: Have you checked the following DEQ and EPA databases for potential problems?**

(Y or N) Leaking Underground Storage Tanks Y, No leaking storage tanks.

(Y or N) CERCLIS Y, No sites in project area.

(Y or N) ERNS Y, No issues in the project area.

(Y or N) Enforcement and Compliance History Y, See Report.

If found site, give the name and location: None

**Underground Storage Tanks (UST): Are there any Gasoline Stations or other facilities that may have UST on or adjacent to the project? (Y or N)** Yes

## Stage 0 Environmental Checklist

If so, give the name and location: Valero (4910 Barksdale Blvd.) and Brookshire's Gas (4918 Barksdale Blvd.)

**Any chemical plants, refineries or landfills adjacent to the project?** (Y or N) **Any large manufacturing facilities adjacent to the project?** (Y or N) **Dry Cleaners?** (Y or N) If yes to any, give names and locations: Y, South Bossier Cleaners (4970 Barksdale Blvd.)

**Oil/Gas wells: Have you checked DNR database for registered oil and gas wells?** (Y or N)  
List the type and location of wells being impacted by the project.  
N

**Are there any possible residential or commercial relocations/displacements?** (Y or N)  
How many?  
N

**Do you know of any sensitive community issues related to the project?** (Y or N)  
If so, explain  
N

**Is the project area population minority or low income?** (Y or N)  
N

**What type of detour/closures could be used on the job?** Lane closures at tie-in locations. New bridge will have to be completed prior to completion of the eastbound on and off ramps to Arthur Teague Parkway.

**Did you notice anything of concern during your site/windshield survey of the area?** If so, explain below. Bridge piers will have to be spaced so that there no impact with the levee on the east side of the Red River or the floodwall on the west side of the Red River. Due to the height of the bridge, the pedestrian lane should have fences along the barrier to prevent falling over the rails.

\_\_\_\_\_  
**Point of Contact**

\_\_\_\_\_  
**Phone Number**

7/7/09  
**Date**