

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: St. Bernard High School / PW 11514

Project Location: 2601 Torres Dr., St. Bernard, Louisiana, St. Bernard Parish 70085 (N29.87328, W-89.87368)

Project Description:

Project activities include removing and replacing the following: suspended ceiling tiles, suspended T-bar ceiling suspension system, solid wood core doors, Type M double door with hinges, motorized roll up door, glass store front door, metal doors, door hardware, gymnasium roof, school roofing, roof drain covers, stainless steel roof edge flashing, power roof ventilators, roof top unit with gas heat, steel exterior siding, fiberglass insulation, Armaflex insulation covering, VCT flooring tile, glazed tile, gymnasium floor, tempered glass, classroom marker boards, tack boards, risers, wooden stadium seats, lockers, flag pole, circuit breakers, disconnect switches, distribution panel board, motor control center, amp feeder service, lighting and branch wiring system, simplex control panel, temperature control panel, fire alarm panels, telephone panel, amplifier panel, breaker panels, fire alarm system, PA system, intercom system, security system, energy management system, cable TV system, hot water boiler, air handling units, hot water heater, convector units, fan air handling unit, fan coil units, electric water coolers, walk in cooler, cabinet heater, gas fired domestic water heaters, air cooled condensing units, air cooled chillers, transformers, water closets, air conditioning units, handicapped lift, hydraulic elevator drive, elevator cab, outside air intake ducts, Type B venting material, gas pressure regulating valves, gas solenoid valves, gas control valves, steel pipe connecting expansion tank, motors, Type L copper suction line, refrigeration distribution valve, copper pipe, shut off valves, PVC pipe, hot water baseboard radiation with covers, urinals, partitions, sink and painting door frames, ceiling surfaces, wall surfaces, and concrete floor.

Five hazard mitigation proposals (HMP) are suggested for this project as well. HMP 1 proposes elevating the air cooled condensing and chiller units to eliminate exposure to flooding. This includes elevating the equipment on a single 30' x 40' platform set on a 6" reinforced concrete slab, built at grade over thirty twenty foot long pilings for support. HMP 2 is to replace pump motors and electrical conduits with water tight components to eliminate the exposure to flooding. HMP 3 is to elevate transformers and circuit breaker panels to mitigate the exposure to floodwater. This includes elevating the units 5' above the finished floor elevation. HMP 4 suggests replacing 48,436 square feet of vinyl composite floor tiles with vinyl sheet flooring which qualifies as "wet flood proofing." HMP 5 proposes replacing 22,166 square feet of built-up roofing with fully adhered modified bitumen cap sheet roofing on the gymnasium and replacing 32,079 square feet on the school building. This will deter progressive failure of roofing during high velocity winds.

Documentation Requirements

- ☐ No Documentation Required (**Review Concluded**)
- ☐ (Short version) All consultation and agreements implemented to comply with the National Historic Preservation Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws apply. (**Review Concluded**)

- ☒ (Long version) All applicable laws and executive orders were reviewed. Additional information for compliance is attached to this REC.

National Environmental Policy Act (NEPA) Determination

- ☐ Statutorily excluded from NEPA review. **(Review Concluded)**
- ☐ Programmatic Categorical Exclusion - Category **(Review Concluded)**
- ☐ Categorical Exclusion - Category
- ☐ No Extraordinary Circumstances exist.
- Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Extraordinary Circumstances exist (See Section IV).
- ☐ Extraordinary Circumstances mitigated. (See Section IV comments)
- Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Environmental Assessment
- ☐ Supplemental Environmental Assessment (Reference EA or PEA in comments)
- ☒ Environmental Impact Statement

Comments: This project meets the criteria for an Alternative Arrangement (Permanent Schools) type of project. This project has conditions and requires mitigation under the other Environmental and Historic Preservation (EHP) Laws.

Reviewer and Approvals

- ☐ Project is Non-Compliant (See attached documentation justifying selection).

FEMA Environmental Reviewer.

Name: Letha Dawson, Environmental Specialist

Signature Letha Dawson Date 08/01/2006

FEMA Regional Environmental Officer or delegated approving official.

Name: Howard R. Bush, ELO

Signature HR Bush Date 08/01/2006

I. Compliance Review for Environmental Laws (other than NEPA)

A. National Historic Preservation Act

- ☐ Not type of activity with potential to affect historic properties. **(Review Concluded)**
- ☒ Applicable executed Programmatic Agreement (12/03/2004) Otherwise, conduct standard Section 106 review.
- ☒ Activity meets Programmatic Allowance # Appendix A, Section I, A and I.
- Are project conditions required? ☒ Yes (see section V) ☐ No **(Review Concluded)**

HISTORIC BUILDINGS AND STRUCTURES

- ☒ No historic properties that are listed or 45/50 years or older in project area. **(Review Concluded)**
- ☐ Building or structure listed or 45/50 years or older in project area and activity not exempt from review.
- ☐ Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
- Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)

- ☐ Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments
- ☐ No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
☐ Resolution of Adverse Effect completed. (MOA on file)
Are project conditions required ☐ Yes (see section V) ☐ No **(Review Concluded)**

ARCHEOLOGICAL RESOURCES

- ☒ Project affects only previously disturbed ground. **(Review Concluded)**
- ☐ Project affects undisturbed ground.
- ☐ Project area has no potential for presence of archeological resources
☐ Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**
- ☐ Project area has potential for presence of archeological resources
☐ Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
Are project conditions required ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Determination of historic properties affected
☐ NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
Are project conditions required ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
☐ No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
☐ Resolution of Adverse Effect completed. (MOA on file)
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**

Comments: 8/1/2006 - Historic review complete: The structure does not meet the 50-year-criterion, nor does it possess the level of exceptional importance required by Criteria Consideration G of the National Register Guidelines to be considered eligible for the National Register of Historic Places. Therefore, the proposed work will have no effect on historic properties. Scope of work indicates ground disturbing activities associated with replacement of flag pole, repair to utilities, and hazard mitigation for a/c units. Upon consultation of SHPO data, there are no known archaeological sites within .25 miles of the project area. Therefore scope of work meets Programmatic Agreement (12/3/2004) Allowances, Appendix A, Section I, A and I. If during the course of work, archaeological artifacts (prehistoric or historic) or human remains are discovered, the applicant shall stop work in the vicinity of the discovery and take all reasonable measures to avoid or minimize harm to the finds. The applicant shall inform their Public Assistance (PA) contacts at FEMA, who will in turn contact FEMA Historic Preservation staff. The applicant will not proceed with work until FEMA Historic Preservation staff have completed consultation with the Louisiana State Historic Preservation Officer (SHPO). In addition, if unmarked graves are present, compliance with the Louisiana Unmarked Human Burial Sites Preservation Act (R.S. 8:671 ET SEQ.) is required. The applicant shall notify the law enforcement agency of the jurisdiction where the remains are located within twenty-four hours of the discovery. The applicant shall also notify FEMA and the Louisiana Unmarked Burial Sites Board (call the Louisiana Division of Archeology at 225-342-8170) within seventy-two hours of the discovery. Failure to comply with these stipulations may jeopardize receipt of FEMA funding. - Katherine Zeringue, Historic Preservation Specialist/Archaeologist

Correspondence/Consultation/References:

B. Endangered Species Act

- ☒ No listed species and/or designated critical habitat present in areas affected directly or indirectly by the Federal action. **(Review Concluded)**
- ☐ Listed species and/or designated critical habitat present in the areas affected directly or indirectly by the Federal action.
- ☐ No effect to species or designated critical habitat. (See comments for justification)
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**
Are project conditions required? ☐ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Likely to adversely affect species or designated critical habitat

- ☐ Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
Are project conditions required? ☐ YES (see section V) ☐ NO (Review Concluded)

Comments: None

Correspondence/Consultation/References:

C. Coastal Barrier Resources Act

- ☒ Project is not on or connected to CBRA Unit or Otherwise Protected Area (Review Concluded).
☐ Project is on or connected to CBRA Unit or Otherwise Protected Area. (FEMA determination/USFWS consultation on file)
☐ Proposed action an exception under Section 3505.a.6? (Review Concluded)
☐ Proposed action not excepted under Section 3505.a.6.
Are project conditions required? ☐ YES (see section V) ☐ NO (Review Concluded)

Comments: None

Correspondence/Consultation/References:

D. Clean Water Act

- ☒ Project would not affect any waters of the U.S. (Review Concluded)
☐ Project would affect waters, including wetlands, of the U.S.
☐ Project exempted as in kind replacement or other exemption. (Review Concluded)
☐ Project requires Section 404/401/or Section 9/10 (Rivers and Harbors Act) permit, including qualification under Nationwide Permits.
Are project conditions required? ☐ YES (see section V) ☐ NO (Review Concluded)

Comments: Project is not in or adjacent to any waterways of the US.

Correspondence/Consultation/References:

E. Coastal Zone Management Act

- ☐ Project is not located in a coastal zone area and does not affect a coastal zone area (Review concluded)
☒ Project is located in a coastal zone area and/or affects the coastal zone
☒ State administering agency does not require consistency review. (Review Concluded).
☐ State administering agency requires consistency review.
Are project conditions required? ☐ YES (see section V) ☐ NO (Review Concluded)

Comments: FEMA has determined that this project is consistent with the Coastal Zone Management Act (CZMA) and the Louisiana Coastal Management Plan (LCMP).

Correspondence/Consultation/References:

F. Fish and Wildlife Coordination Act

- ☒ Project does not affect, control, or modify a waterway/body of water. (Review Concluded)
☐ Project affects, controls or modifies a waterway/body of water.
☐ Coordination with USFWS conducted
☐ No Recommendations offered by USFWS. (Review Concluded)
☐ Recommendations provided by USFWS.
Are project conditions required? ☐ YES (see section V) ☐ NO (Review Concluded)

Comments: Project is not in or adjacent to any waterways of the US.

Correspondence/Consultation/References:

G. Clean Air Act

- ☒ Project will not result in permanent air emissions. (Review Concluded)
☐ Project is located in an attainment area. (Review Concluded)
☐ Project is located in a non-attainment area.
☐ Coordination required with applicable state administering agency..

Are project conditions required? ☐ YES (see section V) ☐ NO (**Review Concluded**)

Comments: None

Correspondence/Consultation/References:

H. Farmland Protection Policy Act

- ☒ Project does not affect designated prime or unique farmland. (**Review Concluded**)
- ☐ Project causes unnecessary or irreversible conversion of designated prime or unique farmland.
- ☐ Coordination with Natural Resource Conservation Commission required.
- ☐ Farmland Conversion Impact Rating, Form AD-1006, completed.
- Are project conditions required? ☐ YES (see section V) ☐ NO (**Review Concluded**)

Comments: None

Correspondence/Consultation/References:

I. Migratory Bird Treaty Act

- ☐ Project not located within a flyway zone. (**Review Concluded**)
- ☒ Project located within a flyway zone.
- ☒ Project does not have potential to take migratory birds. (**Review Concluded**)
- Are project conditions required? ☐ Yes (see section V) ☒ No (**Review Concluded**)
- ☐ Project has potential to take migratory birds.
- ☐ Contact made with USFWS
- Are project conditions required? ☐ YES (see section V) ☐ NO (**Review Concluded**)

Comments: See letter from Don Fairley to Mr. Russ Watson with USF&WS, dated 09/14/2005. Specifically, FEMA has determined that restoration projects funded with federal resources will not have adverse impacts on migratory birds or other fish and wildlife reserves. These determinations are based on the understanding that the conditions outlined in the Louisiana Endangered Species Summary are met.

Correspondence/Consultation/References: http://pacificflyway.gov/Documents/Mississippi_map.pdf.**J. Magnuson-Stevens Fishery Conservation and Management Act**

- ☒ Project not located in or near Essential Fish Habitat. (**Review Concluded**)
- ☐ Project located in or near Essential Fish Habitat.
- ☐ Project does not adversely affect Essential Fish Habitat. (**Review Concluded**)
- Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
- ☐ Project adversely affects Essential Fish Habitat (FEMA determination/USFWS/NMFS concurrence on file)
- ☐ NOAA Fisheries provided no recommendation(s) (**Review Concluded**)
- Are project conditions required? ☐ Yes (see section V) ☐ No (**Review Concluded**)
- ☐ NOAA Fisheries provided recommendation(s)
- ☐ Written reply to NOAA Fisheries recommendations completed.
- Are project conditions required? ☐ YES (see section V) ☐ NO (**Review Concluded**)

Comments: None

Correspondence/Consultation/References:

K. Wild and Scenic Rivers Act

- ☒ Project is not along and does not affect Wild or Scenic River (WSR) - (**Review Concluded**)
- ☐ Project is along or affects WSR
- ☐ Project adversely affects WSR as determined by NPS/USFS. **FEMA cannot fund the action.** (NPS/USFS/USFWS/BLM consultation on file) (**Review Concluded**)
- ☐ Project does not adversely affect WSR. (NPS/USFS/USFWS/BLM consultation on file)
- Are project conditions required? ☐ YES (see section V) ☐ NO (**Review Concluded**)

Comments: None

Correspondence/Consultation/References:

L. Other Relevant Laws and Environmental Regulations**II. Compliance Review for Executive Orders****A. E.O. 11988 - Floodplains**

- ☐ No Effect on Floodplains/Flood levels and project outside Floodplain - **(Review Concluded)**
- ☒ Located in Floodplain or Effects on Floodplains/Flood levels
- ☒ No adverse effect on floodplain and not adversely affected by the floodplain. **(Review Concluded)**
Are project conditions required? ☒ Yes (see section V) ☐ No **(Review Concluded)**
- ☐ Beneficial Effect on Floodplain Occupancy/Values **(Review Concluded)**
- ☐ Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment
- ☐ 8 Step Process Complete - documentation on file
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: 07/25/2006 - The Parish of St. Bernard is enrolled in the National Flood Insurance Program (NFIP) as of 3/13/1970. Per Flood Insurance Rate Map (FIRM) panel number 2252040460B dated 5/1/1985, project is located in zone "B", area protected from the 100-yr flood by levee, dike or other structure subject to failure or overtopping during larger floods. Project is repair of building and replacement of equipment and electrical components. A hazard mitigation proposal is attached. Per flood recovery guidance, dated 04/12/2006, where possible, all equipment and contents should be elevated at least 3 ft. above the highest adjacent grade elevation. K. Roof, Floodplain Management Specialist.

Correspondence/consultation/references:

B. E.O. 11990 - Wetlands

- ☒ No Effects on Wetland(s) and project located outside Wetland(s) - **(Review Concluded)**
- ☐ Located in Wetland or effects Wetland(s)
- ☐ Beneficial Effect on Wetland - **(Review Concluded)**
- ☐ Possible adverse effect associated with constructing in or near wetland
- ☐ Review completed as part of floodplain review
- ☐ 8 Step Process Complete - documentation on file
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: None

Correspondence/Consultation/References:

C. E.O. 12898 - Environmental Justice For Low Income and Minority Populations

- ☒ No Low income or minority population in, near or affected by the project - **(Review Concluded)**
- ☐ Low income or minority population in or near project area
- ☐ No disproportionately high and adverse impact on low income or minority population - **(Review Concluded)**
- ☐ Disproportionately high or adverse effects on low income or minority population
Are project conditions required? ☐ YES (see section V) ☐ NO **(Review Concluded)**

Comments: None

Correspondence/Consultation/References:

III. Other Environmental Issues

Identify other potential environmental concerns in the comment box not clearly falling under a law or executive order (see environmental concerns scoping checklist for guidance).

Comments: None

Correspondence/Consultation/References:

IV. Extraordinary Circumstances

Based on the review of compliance with other environmental laws and Executive Orders, and in consideration of other environmental factors, review the project for extraordinary circumstances.

- A "Yes" under any circumstance may require an Environmental Assessment (EA) with the exception of (ii) which should be applied in conjunction with controversy on an environmental issue. If the circumstance can be mitigated, please explain in comments. If no, leave blank.

Yes

- ☐ (i) Greater scope or size than normally experienced for a particular category of action
- ☐ (ii) Actions with a high level of public controversy
- ☐ (iii) Potential for degradation, even though slight, of already existing poor environmental conditions;
- ☐ (iv) Employment of unproven technology with potential adverse effects or actions involving unique or unknown environmental risks;
- ☐ (v) Presence of endangered or threatened species or their critical habitat, or archaeological, cultural, historical or other protected resources;
- ☐ (vi) Presence of hazardous or toxic substances at levels which exceed Federal, state or local regulations or standards requiring action or attention;
- ☐ (vii) Actions with the potential to affect special status areas adversely or other critical resources such as wetlands, coastal zones, wildlife refuge and wilderness areas, wild and scenic rivers, sole or principal drinking water aquifers;
- ☐ (viii) Potential for adverse effects on health or safety; and
- ☐ (ix) Potential to violate a federal, state, local or tribal law or requirement imposed for the protection of the environment.
- ☐ (x) Potential for significant cumulative impact when the proposed action is combined with other past, present and reasonably foreseeable future actions, even though the impacts of the proposed action may not be significant by themselves.

Comments: None

V. Environmental Review Project Conditions

General comments: None

Project Conditions:

- Per flood recovery guidance, dated 04/12/2006, where possible, all equipment and contents should be elevated at least 3 ft. above the highest adjacent grade elevation.
- If during the course of work, archaeological artifacts (prehistoric or historic) or human remains are discovered, the applicant shall stop work in the vicinity of the discovery and take all reasonable measures to avoid or minimize harm to the finds. The applicant shall inform their Public Assistance (PA) contacts at FEMA, who will in turn contact FEMA Historic Preservation staff. The applicant will not proceed with work until FEMA Historic Preservation staff have completed consultation with the Louisiana State Historic Preservation Officer (SHPO). In addition, if unmarked graves are present, compliance with the Louisiana Unmarked Human Burial Sites Preservation Act (R.S. 8:671 ET SEQ.) is required. The applicant shall notify the law enforcement agency of the jurisdiction where the remains are located within twenty-four hours of the discovery. The applicant shall also notify FEMA and the Louisiana

Unmarked Burial Sites Board (call the Louisiana Division of Archeology at 225-342-8170) within seventy-two hours of the discovery. Failure to comply with these stipulations may jeopardize receipt of FEMA funding.

Monitoring Requirements: None