



FEMA

September 10, 2012

MEMORANDUM FOR: David Passey, Hazard Mitigation Assistance Branch Chief
FROM: Kevin Jaynes, CHMM, Regional Environmental Officer
SUBJECT: HMGP DR-1791-TX, Project #331, Hidalgo County La Joya
Independent School District Community Safe Room, Texas

The purpose of this memorandum is to notify you that the Hazard Mitigation Grant Program (HMGP) project for the proposed construction of a new 20,000 square foot safe room on a field at the La Joya Independent School District campus, located at 3901 N. La Homa Road (Latitude: 26.232674; Longitude: -98.361707), Mission, Hidalgo County, Texas, has been cleared with conditions under the National Environmental Policy Act (NEPA). The Code of Federal Regulations, 44 CFR Part 10, requires that the Federal Emergency Management Agency (FEMA) take into account environmental considerations when authorizing or approving major actions. In accordance with 44 CFR Part 10.9, an Environmental Assessment (EA) was required pursuant to Section 102 of the National Environmental Policy Act (NEPA) of 1969. A Programmatic Environmental Assessment (PEA) for Hazard Mitigation Safe Room Construction was performed and a Finding of No Significant Impact (FONSI), with conditions, was issued on June 2, 2011. This project does not require a tiered Site-Specific EA because the project activities described in the project description are consistent with the scope of activities outlined in the PEA for Alternative 5: New Stand-Alone Construction in Previously Undisturbed Areas. The applicant must ensure it complies with all conditions set forth in the attached Record of Environmental Consideration (REC) and FONSI. Failure to comply with these conditions may jeopardize federal assistance including funding.

Please note that this transmittal is a notification that this project has been cleared under NEPA only. **This is not a notice of final approval or eligibility.** Any change beyond the approved scope of work for this project will require additional environmental review by FEMA.

cc: Connie Dill, Hazard Mitigation Specialist

Enclosures: Record of Environmental Consideration (REC)
Finding of No Significant Impact (FONSI)
Mitigation Measures from Section 7 of PEA

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: HMGP DR-1791-TX, Project #331, Hidalgo County La Joya Independent School District Community Safe Room

Project Location: 3901 N. La Homa Road (Lat: 26.232674; Long: -98.361707), Mission, Hidalgo County, Texas.

Project Description: The proposed HMGP project involves the construction of a new stand-alone multi-purpose safe room on a vacant field at the La Joya Independent School District campus. The safe room will be 20,000 gross square feet, with 15,863 square feet each of usable space. The safe room will provide protection for 790 students, faculty, staff, and citizens during a hurricane and 3,156 during a tornado. Water and electricity service will tie into existing infrastructure that is already in place. The project also includes installing an emergency generator. The safe room will be built in accordance with FEMA 361 guidelines. A 3 acre parking lot will be built opposite the safe room, but will not be funded by FEMA. Construction of the safe room itself will disturb approximately 1 acre.

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 - (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: In accordance with 44 Code of Federal Regulations (CFR) for the Federal Emergency Management Agency (FEMA), Subpart B - Agency Implementing Procedures, Section 10.9, an Environmental Assessment (EA) was required pursuant to Section 102 of the National Environmental Policy Act (NEPA) of 1969. A Programmatic Environmental Assessment (PEA) for Hazard Mitigation Safe Room Construction was performed and a Finding of No Significant Impact (FONSI), with conditions, was issued on June 2, 2011. This project does not require a tiered Site-Specific EA because the project activities described in the project description are consistent with the scope of activities outlined in the PEA for Alternative 5: New Stand-Alone Construction in Previously Undisturbed Areas.

Reviewer and Approvals

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

FEMA Environmental Reviewer.

Name: Dorothy Weir, Environmental Specialist

Signature *Dorothy Weir* Date 9/10/2012

FEMA Regional Environmental Officer or delegated approving official.

Name: Kevin Jaynes, Regional Environmental Officer

Signature *Kevin Jaynes* Date 9/10/2012

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. Otherwise, conduct standard Section 106 review.
 - Activity meets Programmatic Allowance #
 - 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: "No survey required. Project may proceed."

Correspondence/Consultation/References: SHPO's Office, correspondence dated August 1, 2012.

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.

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)

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: FEMA has made the determination that no threatened or endangered species will be affected by this project.

Correspondence/Consultation/References: <http://www.fws.gov/endangered/> accessed on September 7, 2012.

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 may affect waters, including wetlands, of the U.S.

Project exempted as in kind replacement or other exemption. **(Review Concluded)**

Project may require 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: "We recommend the environmental assessment address actions that will be taken to prevent surface and groundwater contamination."

Correspondence/Consultation/References: Jim Harrison, TCEQ, correspondence dated July 31, 2012.

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: None.

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: None.
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.
 - 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: None.
Correspondence/Consultation/References: Migratory Bird Central Flyway Map - http://www.centralflyway.org/Show_Flyway_Maps.html, accessed September 7, 2012.

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.
 - 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)
 - 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: Wild and Scenic Rivers website, <http://www.rivers.gov/wildriverslist.html>, accessed September 7, 2012.

L. Other Relevant Laws and Environmental Regulations

None.

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.

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: Per Flood Insurance Rate Map (FIRM) panel number 4803340400C, dated 11/16/1982, the project is located outside the 100 and 500 year flood zone and the activity does not adversely affect floodplain values.

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: A review of the National Wetland Inventory (NWI) online mapper, accessed on September 7, 2012, for the site indicates that the area is not located within a designated wetland.

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).

None.

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:

Actions under this PEA and FONSI must meet the following conditions. Failure to comply with these conditions would make the FONSI determination inapplicable for the project and could jeopardize the receipt of FEMA funding.

1. Excavated soil and waste materials will be managed and disposed of in accordance with applicable local, state, and federal regulations. If contaminated materials are discovered during construction activities, the work will cease until the appropriate procedures and permits are implemented.
2. The grantee and sub grantee will follow applicable mitigation measures as identified in Section 7 of the PEA to the maximum extent possible.
3. If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.
4. This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.
5. Changes, additions, and/or supplements to the approved scope of work which alter the existing use and function of the structure, including additional work not funded by FEMA but performed substantially at the same time, will require re-submission of the application prior to construction to FEMA for re-evaluation under the National Environmental Policy Act.

Monitoring Requirements: None



FEMA

**FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)
FINDING OF NO SIGNIFICANT IMPACT (FONSI)
FINAL PROGRAMMATIC ENVIRONMENTAL ASSESSMENT
FOR HAZARD MITIGATION SAFE ROOM CONSTRUCTION**

BACKGROUND

In accordance with the National Environmental Policy Act (NEPA) of 1969, FEMA's regulations for implementing NEPA at 44 Code of Federal Regulations (CFR) Part 10, and the President's Council on Environmental Quality NEPA implementing regulations at 40 CFR Parts 1500-1508, FEMA prepared a draft Programmatic Environmental Assessment (PEA) to evaluate the potential impacts to the human environment resulting from the construction of residential and non-residential (individual) safe rooms and community safe rooms that are proposed for funding under FEMA's Hazard Mitigation Grant Program (HMGP) and Pre-Disaster Mitigation (PDM) Program. Section 203 (PDM) and 404 (HMGP) of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, 42 U.S.C. § 5121 et seq., authorize FEMA to provide funding to eligible applicants for eligible, feasible, and cost-effective activities that have the purpose of reducing or eliminating risks to life and property from hazards and their effects. One such activity is the construction and installation of safe rooms to protect populations from extreme wind events. The PEA is incorporated by reference into this FONSI.

The PEA evaluated five alternatives: (1) No Action; (2) Retrofit or Renovation of an Existing or Proposed Facility (Type A: Existing Facilities; Type B: New Facilities or Significant Renovation of Existing Facilities); (3) Safe Room Connected to an Existing Building and Beyond Original Footprint; (4) New Stand-Alone Construction in Previously Disturbed Areas; and (5) New Stand-Alone Construction in Previously Undisturbed Areas.

FEMA will develop tiered Site-Specific Environmental Assessments (SEAs) for those safe room projects requiring evaluation under areas of concern not evaluated in this PEA, having impacts beyond those described in the PEA or otherwise requiring a tiered SEA as identified in Table 1 in the PEA. Notice of the availability of the draft PEA was published in the Federal Register on April 27, 2011, for a 30-day public comment period. No comments were received on the draft PEA.

CONDITIONS

Actions under this PEA and FONSI must meet the following conditions. Failure to comply with these conditions would make the FONSI determination inapplicable for the project and could jeopardize the receipt of FEMA funding.

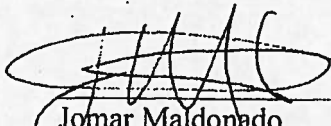
1. Excavated soil and waste materials will be managed and disposed of in accordance with applicable local, state, and federal regulations. If contaminated materials are discovered during construction activities, the work will cease until the appropriate procedures and permits are implemented.
2. The grantee and sub grantee will follow applicable mitigation measures as identified in Section 7 of the PEA to the maximum extent possible.
3. If ground disturbing activities occur during construction, applicant will monitor ground disturbance and if any potential archeological resources are discovered, will immediately cease construction in that area and notify the State and FEMA.
4. The grantee and sub grantee must meet any project-specific conditions developed and agreed upon between FEMA and with environmental planning or historic preservation resource or regulatory agencies during consultation or coordination.
5. This review does not address all federal, state and local requirements. Acceptance of federal funding requires recipient to comply with all federal, state and local laws. Failure to obtain all appropriate federal, state and local environmental permits and clearances may jeopardize federal funding.

FINDING

Based upon the information contained in the Final PEA, the potential impacts resulting from the five alternatives analyzed in the PEA, and in accordance with FEMA's regulations at 44 CFR Part 10 and Executive Orders 11988 (Floodplain Management), 11990 (Protection of Wetlands), and 12898 (Environmental Justice), FEMA finds that the implementation of the proposed action will not have significant impacts to the quality of the human environment.

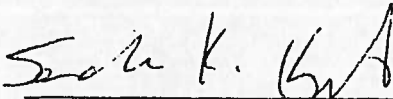
Therefore, an Environmental Impact Statement (EIS) will not be prepared. This FONSI is based upon proposed safe room projects fitting one of the project types described in the Final PEA and meeting all conditions prescribed for that particular project type.

APPROVAL



Jomar Maldonado
FEMA Environmental Officer

Date JUN 02 2011



Sandra K. Knight, PhD, PE, D.WRE
Deputy Federal Insurance and Mitigation
Administrator, Mitigation

Date 6/1/11

Section Seven Mitigation

FEMA will take the following measures to the extent practicable and applicable to avoid or further minimize impacts to the quality of the human environment. The general mitigation measures outlined in this section may be superseded by higher or more stringent standards required by the particular federal, or territory, tribe, or local government agency issuing a permit, license, or approval for the project.

7.1 Measures to avoid impacts to the human environment

1. Avoid sites areas characterized by susceptibility to seismic or volcanic activity, tsunamis, landslides, mudslides, structural instability, excessive erodibility, or steep slopes;
2. Avoid sites in the floodplain;
3. Avoid sites on important farmlands;
4. Avoid sites on or near TCPs;
5. Avoid sites in wetlands;
6. Avoid undertaking projects that adversely affect historic properties;
7. Avoid projects that adversely affect threatened and endangered or special status species or critical habitat.

7.2 Minimization Measures for ground-disturbing/construction activities

1. Follow applicable state, territory, tribal, and local permitting requirements for construction;
2. Water down construction site two to three times per day if dust emissions become a problem;
3. Enclose or water down exposed dirt storage piles;
4. Minimize the disturbed area and preserve vegetation to the maximum extent possible;
5. Maintain topsoil whenever possible;
6. Phase construction activities to the extent possible;
7. Control stormwater flowing to and through the project site;
8. Protect slopes by using measures such as erosion control blankets, bonded fiber matrices, turf reinforcement mats, silt fences (for moderate slopes), etc.;
9. Temporarily protect storm drain inlets until site is stabilized;
10. Retain sediment on-site and control dewatering practices by using sediment traps or basins for large areas (> 1 acre) when appropriate;
11. Establish stabilized construction entrances/exits (e.g. large crushed rocks, stone pads, steel wash racks, hose-down systems, pads);
12. Limit construction activities, including operation of heavy machinery, to normal business hours (M-F 7am-5pm);
13. Avoid engaging in construction activities within 200 feet of noise-sensitive receptors such as schools, hospitals, residential areas, nursing homes, etc.
14. Ensure adequate maintenance of equipment, including proper engine maintenance, adequate tire inflation, and proper maintenance of pollution control devices;

15. Ensure equipment at the project site uses the manufacturer's standard noise control devices (i.e., mufflers, baffling, and/or engine enclosures);
16. Reduce construction equipment idling to the maximum extent practicable;
17. Implement plans to eliminate and minimize oil or fuel spills from construction equipment;
18. Minimize the impacts of equipment staging areas;
19. Stabilize slopes promptly through temporary and permanent cover best management practices (BMPs). Following construction all remaining disturbed areas must be re-vegetated with locally acquired sources of native seeds and plants in a manner that returns the site to its pre-construction condition or better. Plantings are done during the optimum season for the species being planted. Any seeding carried out during the re-vegetation program is completed with commercially available seeds certified to be free of noxious weed seeds and other invasive species. If necessary, an irrigation system is installed to ensure establishment of the planted vegetation. The target for new plantings is an 80 percent survival rate at the end of 3 years. Invasive exotic plant species are controlled to the maximum extent practical to accomplish the re-vegetation effort. If the application of a chemical is required to control an invasive exotic plant species, the chemical is applied by a certified pesticide or herbicide applicator per labeled directions and in compliance with all federal, state, and local laws and regulations.
20. When applicable adopt measures to minimize traffic impacts during construction such as providing warning signage, limit the use of public right-of-ways for staging of equipment or materials, use of flagpersons when needed, and coordinate detours if traffic access points will be obstructed.
21. Avoid engaging in construction activities within 660 feet of a bald or golden eagle nest during nesting and fledging, as nesting eagles are quite sensitive to human activities during these times.
22. Establish an inspection and maintenance approach to ensure these measures are working adequately.
23. Avoid archeological sites by shifting ground disturbance in a particular area, when possible.