

Conservation Planning Course



CULTURAL RESOURCES

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NRCS Cultural Resources Coordinator
Module 2D

National Historic Preservation Act

What is Section 106?

The head of any Federal agency having direct or indirect jurisdiction over a proposed Federal or **federally assisted undertaking** in any State and the head of any Federal Department or independent agency having authority to license any undertaking shall, prior to the approval of the expenditure of any **Federal funds** on the undertaking or prior to the issuance of any **license**, as the case may be, taking into account the effect of the undertaking on any district, site, building, structure, or object that is included in or eligible for inclusion in the NRHP. The head of any such Federal agency shall afford the **ACHP** established under Title II of this Act a **reasonable opportunity to comment** with regard to such undertaking.

APE Considerations (Area of Potential Effect)

- ⦿ The geographic extent of ground disturbing practice
- ⦿ Movement of machinery
 - Point of access
 - Impact on surroundings
- ⦿ Removal and disposal of debris
- ⦿ Can be an “area” or “areas”

Cultural Resources

are considered as a part of the
Environmental Analysis for Conservation
Planning

The form used to document this
consideration is the CPA-52

Cultural Resources on CPA-52

| G. Special Environmental Concerns (Document existing/ benchmark conditions) | J. Impacts to Special Environmental Concerns | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------|----------------------------------|----------------------------------------------------------------|----------------------------------|
| | <i>No Action</i> | | <i>Alternative 1</i> | | <i>Alternative 2</i> | |
| | Document all impacts (Attach Guide Sheets as applicable) | if needs further action | Document all impacts (Attach Guide Sheets as applicable) | if needs further action | Document all impacts (Attach Guide Sheets as applicable) | if needs further action |
| <ul style="list-style-type: none"> ■ Clean Air Act <i>Guide Sheet FS FS-2</i> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> |
| <ul style="list-style-type: none"> ■ Clean Water Act / Waters of the U.S. <i>Guide Sheet Fact Sheet</i> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> |
| <ul style="list-style-type: none"> ■ Coastal Zone Management <i>Guide Sheet Fact Sheet</i> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> |
| <ul style="list-style-type: none"> ■ Coral Reefs <i>Guide Sheet Fact Sheet</i> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> |
| <ul style="list-style-type: none"> ■ Cultural Resources / Historic Properties <i>Guide Sheet Fact Sheet</i> <i>Ground Disturbing Practice List</i> <i>MD CR-1</i> | <p>Cultural Resources (for additional information, see NECH 610.85 and the NRCS National Cultural Resources Handbook):</p> <p>Do the planned actions include an undertaking (practices that may damage cultural resources)? See eFOTG, Section II, Cultural Resources Information for a Missouri listing (follow "Ground Disturbing Practice List" link in this cell). If yes, fill out a Missouri Cultural Resources worksheet, CR-1 (see tab below).</p> <p>Cultural Resources, as used by NRCS, are considered equivalent to "Historic Properties" as defined by the National Historic Preservation Act (NHPA, 16 U.S.C. Sec. 470 et seq.) and regulations for compliance with Section 106 of the NHPA (36 CFR Part 800). They include any prehistoric or historic district, site, artifacts, buildings, other structures, objects, and places, of historical, cultural or scientific importance to our society. They also include all records, artifacts and physical remains associated with</p> | | | | | |
| <ul style="list-style-type: none"> ■ Endangered and Threatened Species <i>Guide Sheet Fact Sheet</i> | | | | | | |

Review "comment box" for more information

Cultural Resources on CPA-52

● Cultural Resources / Historic Properties

Guide Sheet *Fact Sheet*
Ground Disturbing Practice List
MO CR-1

- Guide Sheet and Fact Sheet (national info)
- Ground Disturbing Practice List (Missouri)
 - Links to FOTG
 - Brings up list in pdf format
- MO CR-1
 - Complete when ground disturbing practice is planned

Cultural Resources on CPA-52

| G. Special Environmental Concerns (Document existing/ benchmark conditions) | J. Impacts to Special Environmental Concerns | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------|----------------------------------|
| | <i>No Action</i> | | <i>Alternative 1</i> | | <i>Alternative 2</i> | |
| | Document all impacts (Attach Guide Sheets as applicable) | if needs further action | Document all impacts (Attach Guide Sheets as applicable) | if needs further action | Document all impacts (Attach Guide Sheets as applicable) | if needs further action |
| <ul style="list-style-type: none"> • Clean Air Act <i>Guide Sheet FS FS-2</i> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> |
| <ul style="list-style-type: none"> • Clean Water Act / Waters of the U.S. <i>Guide Sheet Fact Sheet</i> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> |
| <ul style="list-style-type: none"> • Coastal Zone Management <i>Guide Sheet Fact Sheet</i> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> |
| <ul style="list-style-type: none"> • Coral Reefs <i>Guide Sheet Fact Sheet</i> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> |
| <ul style="list-style-type: none"> • Cultural Resources / Historic Properties <i>Guide Sheet Fact Sheet</i> <i>Ground Disturbing Practice List</i> <i>MG CR-1</i> | | <input type="checkbox"/> | No ground disturbing practice planned Ground disturbing practice planned | <input type="checkbox"/> | | <input type="checkbox"/> |

No Action: NA (typically)

Alternative without ground disturbing potential: No ground disturbing practice planned.

Alternative with ground disturbing potential: Ground disturbing practice planned. See Section I and attached form CR-1 for details. (Also, check “needs action” box).

Basic Information

| | |
|-------------------------------------------------------------------------------|------------------------|
| Client: _____ | Evaluation Date: _____ |
| Farm Number: _____ | Township: _____ |
| Tract Number: _____ | Range: _____ |
| Field Number: _____ | Section: _____ |
| Applies to Alternative: <input type="checkbox"/> 1 <input type="checkbox"/> 2 | |

Historic Properties Review

A. Check the: [National Register of Historic Places.](#)

Is there a National Register property present?

Yes No

B. Does the Cultural Resources County Map indicate the presence of a previously recorded archaeological site within the section?

Yes No

Email CRC

If yes, contact the CRC by email for additional site information. Please include a map of the Area of Potential Effect (APE) with imagery (optional), and township, range, and section information.

Is the previously recorded site within the Area of Potential Effect? Yes No

C. Are there any other buildings or structures of possible historical significance within the area to be treated?

Yes No

If this review indicates that previously recorded or historic sites might be in the APE, contact your Area Cultural Resource Coordinator (ACRC). The APE must be surveyed by an ACRC and/or Cultural Resource Specialist (CRS) if alternatives cannot be developed that do not include undertakings.

Discussion with Owner/Operator

A. Are the owner and/or operator aware of any historic structural remains such as old farmsteads, mill or logging camps, prehistoric or historic mounds, grave locations, or aware of any artifacts that now or in the past occurred within the APE?

Yes No

If yes, contact your ACRC. The site will be assessed by the ACRC before a decision is made about having the site surveyed by a CRS. The ACRC will complete a site form. The completed report is sent with attached documentation to the State Office CRC. The site form should be filed in the separate 420 file reserved for site specific cultural resource information, and not placed in the case file.

Field Inspection and Appraisal

A. Date area to be disturbed (APE) was walked and visually searched for physical evidence of historic and/or prehistoric artifacts.

Date: _____

Signature of person who completed field inspection: _____

Handwritten signature required. (Must have completed NRCS Cultural Resources Training Modules 1-8.)

B. Was anything found?

Yes No

If yes, attach photos and written description and contact your ACRC. The site will be assessed by the ACRC before a decision is made about having the site surveyed by a CRS. The ACRC will complete a site form and report to be sent to the State Office CRC. The site form should be filed in the separate 420 file reserved for site specific cultural resource information, and not placed in the case file. If no site forms are required, and there are no sites within the planning unit, file this form in the Case File.

Historic Property Review

Discussion with Owner/Operator

Field Inspection

Section L - Mitigation

| K. (continued) Other Agencies and Broad Public Concerns | <i>No Action</i> | <i>Alternative 1</i> | <i>Alternative 2</i> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|----------------------|
| Cumulative Effects Narrative (Describe the cumulative impacts considered, including past, present and known future actions regardless of who performed the actions) | | | |
| L. Mitigation | | | |

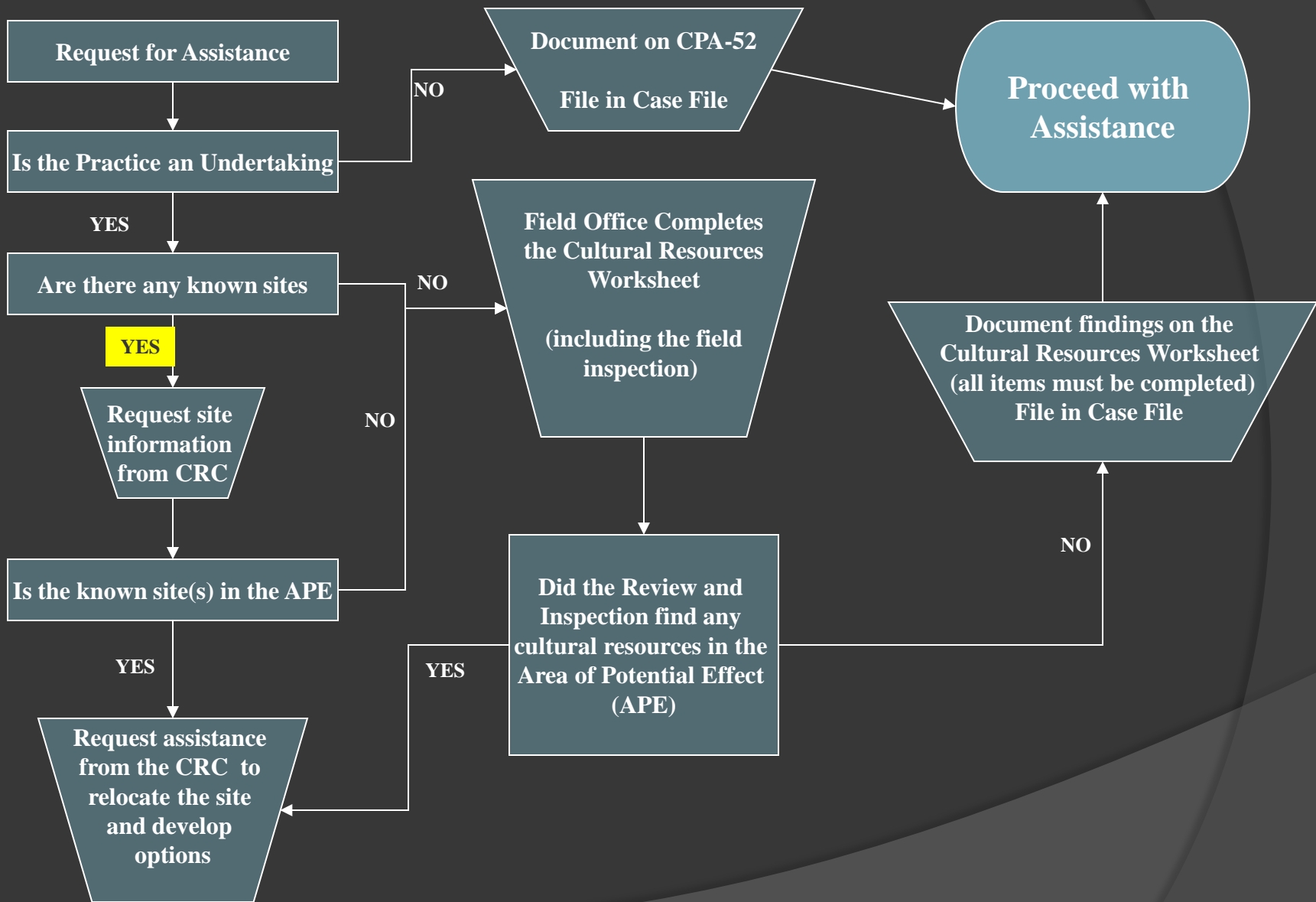
Ground disturbing practice planned.

See Section L and attached form CR-1 for details.

CR Mitigation Statement Examples

Alternatives that had ground disturbing potential:

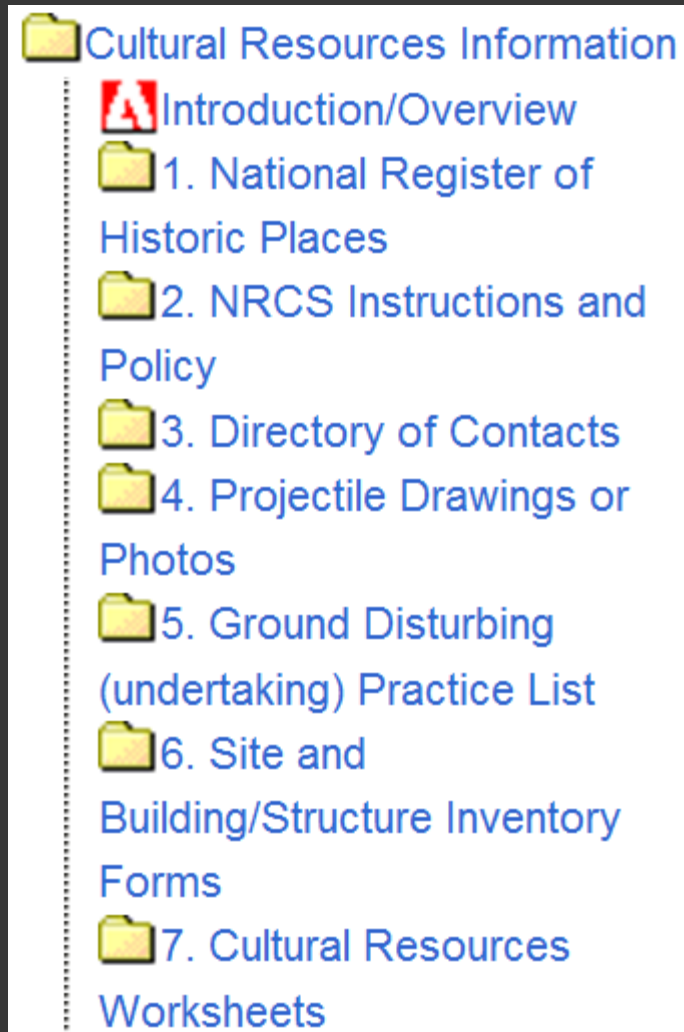
- National Register Property out of APE
- Archaeological site out of APE
- Avoided archaeological site by moving planned practice
- New archaeological site documented and avoided



FOTG

CULTURAL RESOURCES INFO

FOTG – Section II E



7 Sections

FOTG – Section II E 1

National Register Listings in Missouri



Missouri Department of
Natural Resources



Forms and Permits Publications News and Public Notices State Parks Calendar

site state Search

State Historic
Preservation Office

Missouri National Register Listings

Click on a county name below or choose a county from our [map](#).

National Register

National Register Eligibility
Assessment

Courthouse Grants

Tax Credits

Archaeology

Certified Local
Governments

History and Heritage

Grants

Map Gallery

Section 106 Review

Survey and Inventory

Technical Assistance

[Adair](#)

[Andrew](#)

[Atchison](#)

[Audrain](#)

[Barry](#)

[Barton](#)

[Bates](#)

[Benton](#)

[Bollinger](#)

[Boone](#)

[Buchanan](#)

[Butler](#)

[Caldwell](#)

[Callaway](#)

[Camden](#)

[Cape Girardeau](#)

[Carroll](#)

[Carter](#)

[Greene](#)

[Grundy](#)

[Harrison](#)

[Henry](#)

[Hickory](#)

[Holt](#)

[Howard](#)

[Howell](#)

[Iron](#)

[Jackson](#)

[Jasper](#)

[Jefferson](#)

[Johnson](#)

[Knox](#)

[Laclede](#)

[Lafayette](#)

[Lawrence](#)

[Lewis](#)

[Pemiscot](#)

[Perry](#)

[Pettis](#)

[Phelps](#)

[Pike](#)

[Platte](#)

[Polk](#)

[Pulaski](#)

[Putnam](#)

[Ralls](#)

[Randolph](#)

[Ray](#)

[Reynolds](#)

[Ripley](#)

[St. Charles](#)

[St. Clair](#)

[St. Francois](#)

[St. Louis City](#)

FOTG – Section II E 2

NRCS Instructions and Policy – MO GM Supplement

Missouri Law

- Felony to alter a burial site without proper authorization or not to follow regulations if human remains are uncovered in the course of ground disturbing activities.
- Protects private cemeteries – penalties for anyone who knowingly destroys, disfigures, removes, etc., any tomb, monument, or gravestone in such cemeteries.

Administrative Responsibilities

- Area Conservationists designate Area Cultural Resources Coordinators (ACRCs)
- Area Cultural Resources Coordinators provide assistance to field offices when cultural resources have been identified
- Cultural Resources Specialist duties
- Cultural Resources Coordinator duties

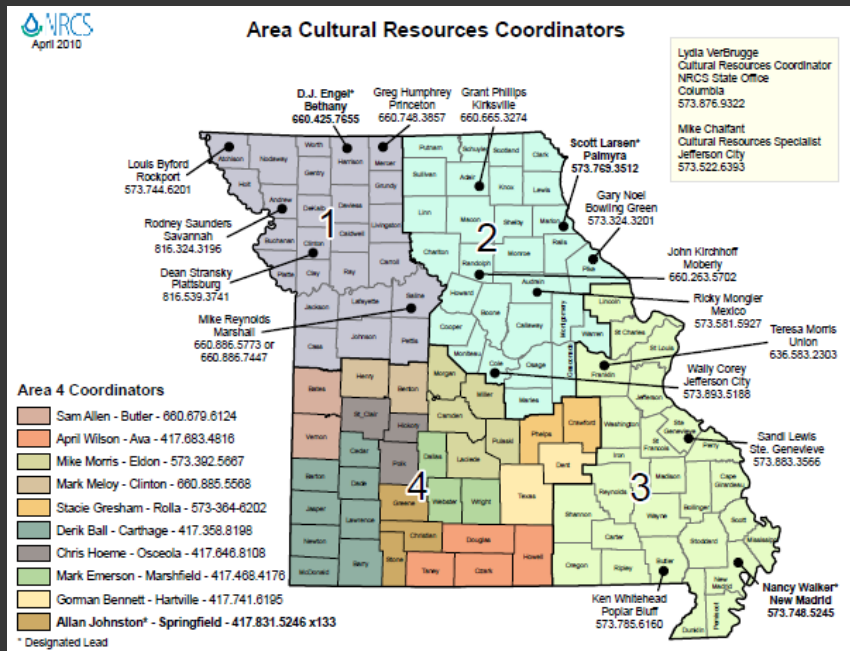
Undertaking List Maintenance

FOTG – Section II E 3

Directory of Contacts

Coordinator Map

Link to SHPO



Missouri Department of Natural Resources

Forms and Permits | Publications | News and Public Notices | State Parks | Calendar | site state

State Historic Preservation Office

To e-mail a staff member, please click on the "e-mail" link below the phone number!

| | |
|----------------------------------------------------------------------------------------------------------|----------------------------------------|
| Mark Miles Director, State Historic Preservation Office Deputy State Historic Preservation Officer | 573-751-7858 e-mail |
| Samantha Berhorst Office Support Assistant: Grants and Tax Credits | 573-751-5376 e-mail |
| Lance Carlson Historic Architect | 573-751-7859 e-mail |
| Judith Deel Archaeologist | 573-751-7862 e-mail |
| Michelle Diedrich Survey Coordinator | 573-526-1680 e-mail |

FOTG – Section II E 4

Projectile Drawings and Photos

PROJECTILE POINT MORPHOLOGY

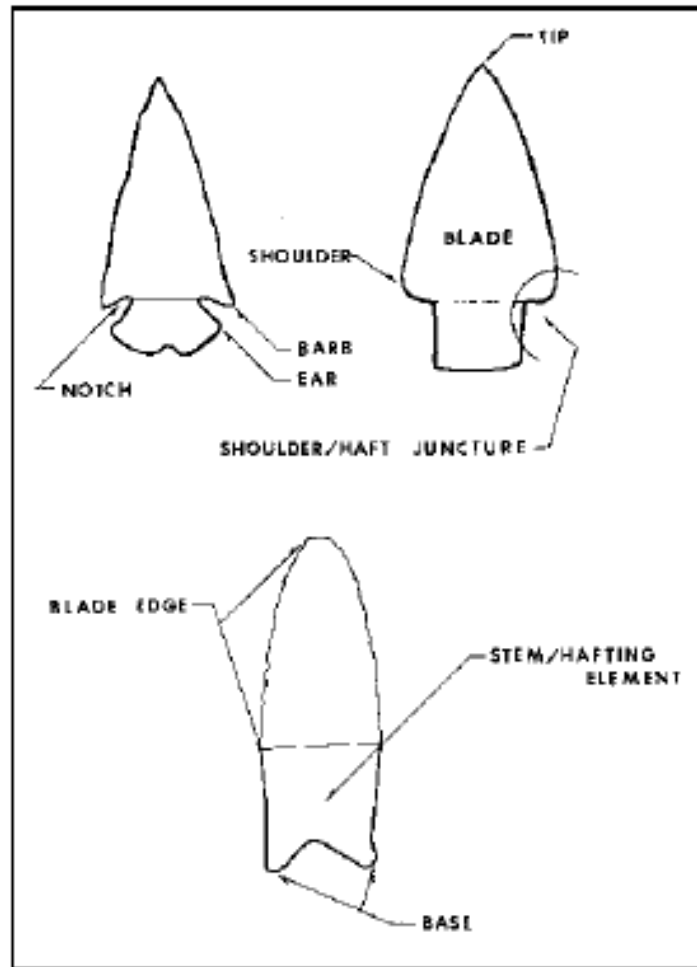


Figure 1. Parts of a typical projectile point (Justice 1987:2).

FOTG – Section II E 5

Ground Disturbing Practice List (Undertaking)

Cultural Resources Ground Disturbing Potential for Conservation Practices

| <i>Code</i> | <i>Practice</i> | <i>Rating</i> | <i>Comment</i> |
|-------------|----------------------------------------------|-----------------|---------------------------------------------|
| 472 | Use Exclusion (Access Control) | PG | Review depth of disturbance |
| 560 | Access Road | G | |
| 309 | Agrichemical Handling Facility | PG | Review depth of disturbance |
| 311 | Alley Cropping | PG ¹ | Review extent of disturbance |
| 365 | Anaerobic Digester, Ambient Temperature | PG | Review extent of disturbance |
| 366 | Anaerobic Digester, Controlled Temperature | PG | Review extent of disturbance |
| 316 | Animal Mortality Facility | PG | Review extent of disturbance |
| 450 | Anionic Polyacrylamide (PAM) Erosion Control | NG | |
| 370 | Atmospheric Resource Quality Management | NG | |
| 314 | Brush Management | PG | Review depth of disturbance |
| 326 | Clearing and Snagging | PG | Review burial site |
| 360 | Closure of Waste Impoundment | G | |
| 317 | Composting Facility | PG | Review previous depth/extent of disturbance |
| 327 | Conservation Cover | NG | |
| 328 | Conservation Crop Rotation | NG | |
| 332 | Contour Buffer Strips | NG | |
| 330 | Contour Farming | NG | |
| 340 | Cover Crop | NG | |
| 342 | Critical Area Planting | PG | Review shaping |

FOTG – Section II E 6

DNR Archaeological Site Form



Forms and Permits Publications News and Public Notices State Parks Calendar

site state

Archaeology

State Historic Preservation Office

National Register

National Register Eligibility Assessment

Courthouse Grants

Tax Credits

Archaeology

Certified Local Governments

History and Heritage

Grants

Map Gallery

Section 106 Review

Survey and Inventory

Did you know that [shipwrecks](#), [unmarked human burials](#) and other [archaeological sites](#) all fall under the jurisdiction of the State Historic Preservation Office (SHPO)?

An important part of Missouri's historic preservation effort is the recordation of archaeological sites. [Missouri Guidelines for Phase I Archaeological Surveys and Reports](#) are now available online. Those wishing to document and report archaeological sites for inclusion in the Missouri State Historic Preservation Office Site File are encouraged to download and use the SHPO's archaeological site form, available in three formats:

- [Archaeological Site Form and Instructions PDF](#)
- [Archaeological Site Form and Instructions DOC](#)
- [Archaeological Site Form and Instructions E-form](#)

Although the Adobe Acrobat version must be printed out, filled in, and mailed with the appropriate maps to the address on the form, both the MS Word and E-form (online) versions can be filled out on your computer and e-mailed or electronically submitted. Regardless of the form you choose, maps (items 40-41) are required; these may be submitted via mail or e-mail to the address provided on the form you have selected.

FOTG – Section II E 7

Cultural Resources Worksheet



Cultural Resources Worksheet

MO-CR-1
06/2013

| | |
|-------------------------------------------------------------------------------|------------------------|
| Client: _____ | Evaluation Date: _____ |
| Farm Number: _____ | Township: _____ |
| Tract Number: _____ | Range: _____ |
| Field Number: _____ | Section: _____ |
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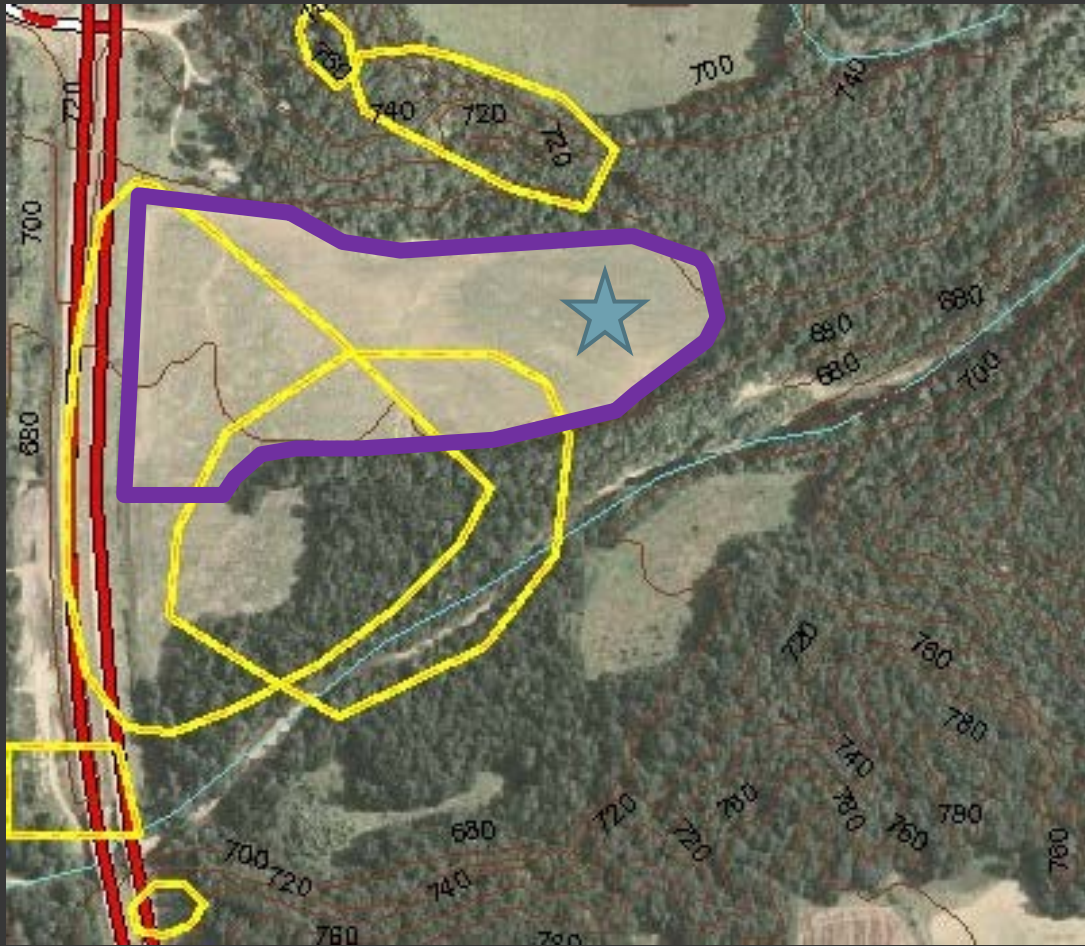
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MO-CR1

Example



- Training Field
- Yellow = documented archaeological site
- Purple = APE
- Blue star = artifacts found during pedestrian survey

What Do You Need to Know?

- Be familiar with the history of where you're working.
- Talk to landowners! They take interest in the history of their property.
- Realize that flexibility is important in the planning process.
- Ask for assistance early so we can follow the law, protect our resources, and complete necessary documentation.
- Process in place to comply with programmatic and state level agreements

Training

- ⦿ Cultural Resources Modules 1-6 on AgLearn
 - Add to your training plan at any time
 - Takes 2-4 hours
 - Required before taking Modules 7/8
- ⦿ Cultural Resources Modules 7/8
 - Classroom instruction
 - Field instruction
 - Usually offered annually
- ⦿ Cultural Resources Module 9