

**NATURAL RESOURCES CONSERVATION SERVICE  
STATEMENT OF WORK**

**LAND RECLAMATION, LANDSLIDE TREATMENT  
CODE 453**

**DESIGN**

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**Deliverables:**

1. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices.
  - a. Practice purpose(s) as identified in the conservation plan.
  - b. List of required permits to be obtained by the client.
  - c. Impacts on adjacent properties and structures.
  - d. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.6). This includes proof of contacting *Arkansas One Call* (866-237-5028) ten days prior to the commencement of construction activities to have underground utilities located in the work area.
  - e. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Geology and Soil Mechanics (NEM Subpart 531a)
    - ii. Hydrology/Hydraulics
    - iii. Structural
    - iv. Environmental Considerations
    - v. Vegetation
    - vi. Safety Considerations (NEM Part 503-Safety, Subpart A, 503.10 through 503.12)
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits (see Arkansas NRCS Construction Specifications and Job Sheet for Practice Standard 453).
3. Operation and Maintenance Plan
4. Design Report and Inspection Plan as appropriate (NEM Part 511, Subpart B Documentation, 511.11 and Part 512, Subpart D Quality Assurance Activities, 512.30 through 512.32).
5. Certifications that the design meets practice standard criteria and comply with applicable laws and regulations (Arkansas NRCS Job Sheet for Practice Standard 453; NEM Subpart A, 505.3).
6. Design modifications during installation as required.

**INSTALLATION**

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**Deliverables**

1. Pre Installation conference with client and contractor.
2. Verification that client has obtained required permits.

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| <p>Conservation practice standards are reviewed periodically, and updated if needed. To obtain the current version of this standard, contact your Natural Resources Conservation Service <a href="#">State Office</a>, or download it from the <a href="#">electronic Field Office Technical Guide</a> for your state.</p> |
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August 2011**

3. Staking and layout according to plans and specifications including applicable layout notes.
4. Installation inspection (according to inspection plan as appropriate).
  - a. Actual materials used.
  - b. Inspection records
5. Facilitate and implement required design modifications with client and original designer.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
7. Certification that the installation process and materials meets design and permit requirements (Arkansas NRCS Job Sheet for Practice Standard 453).

## **CHECKOUT**

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### **Deliverables**

1. As-Built documentation.
  - a. Extent of practice units applied
  - b. Drawings
  - c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (Arkansas NRCS Job Sheet for Practice Standard 453; NEM Subpart A, 505.3).
3. Progress reporting.

## **REFERENCES**

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- Arkansas Geological Survey <http://www.geology.ar.gov/home/index.htm> or call (501) 296-1877
- NRCS Field Office Technical Guide (Arkansas eFOTG), Section IV, Conservation Practice Standard – Land Reclamation, Landslide Treatment, 453.
- NRCS National Engineering Manual (NEM) Part 631, Chapter 32.
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- U.S. Geological Survey Landslide Program <http://landslides.usgs.gov> or call 1-800-654-4966

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