

STATEMENT OF WORK
Alley Cropping (311)
Kansas
December 2011

State contact: State Resource Conservationist

These deliverables apply to this individual practice. For other planned practice deliverables, refer to those specific statements of work.

DESIGN

Deliverables

1. Pre-design conference with client.
2. Contact district forester for planning assistance.
3. Planned practice as identified in the conservation plan will address the identified resource concern.
4. If enrolled in a conservation program, this practice must meet all conditions and requirements of program enrollment that may exceed the practice standard.
5. Design documentation that will demonstrate that the criteria in Natural Resources Conservation Service (NRCS) practice standard has been met and is compatible with planned and applied practices. (Form KS-ECS-4, Grass Seeding, and Form KS-ECS-5, Tree/Shrub Planting)
 - a. Practice purpose(s) as identified in the conservation plan
 - b. List of required permits to be obtained by the client
 - c. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
 - i. Analyses of woody plant, crop, and forage compatibility including computation of required spacing between tree/shrub sets to achieve intended purpose(s) and minimize pest impacts
 - ii. Orientation of tree/shrub sets to achieve intended purpose(s)
 - iii. Analysis of required spacing between tree/shrub sets to achieve intended purpose(s) and facilitate the use of machinery and equipment
 - iv. Protective measures for plants to assure desired function including Access Control (472) and Integrated Pest Management (595)
 - v. Additional provisions, as required, to control soil erosion by surface water and to improve air quality
6. Written plans and specifications (including sketches and drawings) shall be provided to the client that adequately describe the requirements to install the practice and obtain necessary permits.
7. Documentation of needed operation and maintenance.
8. Certification that the design meets practice standard criteria and complies with applicable laws and regulations and will be documented on Form KS-ECS-4 and/or Form KS-ECS-5.
9. Certification that the client has reviewed the design and agrees to carry out the practice as planned will be documented on Form KS-ECS-4 and/or Form KS-ECS-5.
10. Compliance with all federal, state, tribal, and local laws and regulations and NRCS policies during design will be documented on Form KS-CPA-52, Environmental Effects for Conservation Planning.
11. Compliance with NRCS national and state utility safety requirements (National Engineering Manual [NEM] Sections 503.0 through 503.6 and NEM Part KS503).
12. Design modifications during installation as required.

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INSTALLATION

Deliverables

1. Pre-application conference with client.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Application guidance as needed.
5. Facilitate and implement required design modifications with client and original designer.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, local laws and regulations, and NRCS policies during installation.
7. Certification that the application process and materials meet design and permit requirements. (Form KS-ECS-4 and Form KS-ECS-5)

CHECKOUT

Deliverables

1. Records of application.
 - a. Extent of practice units applied
 - b. Actual plant materials used and applied
2. Certification that the application meets NRCS standards and specifications and is in compliance with permits. (Form KS-ECS-4 and/or Form KS-ECS-5)
3. Progress reporting.

REFERENCES

- NRCS electronic Field Office Technical Guide (eFOTG), Section IV, Conservation Practices 311, Alley Cropping; 612, Tree/Shrub Establishment; 391, Riparian Forest Buffer Plantings; 422, Hedgerow Planting; 490, Forest Site Preparation; and 650, Windbreak/Shelterbelt Renovation
- NRCS National Forestry Handbook, Part 636.4
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- Kansas NRCS Web site, Technical Resources/Technical Notes/Ecological Sciences/Forestry
- Kansas Forestry Technical Note 9, Tree/Shrub Establishment and Maintenance Guidelines
- Kansas Forestry Technical Note 10, Conservation Tree/Shrub Plantings and Attributes
- Kansas Plant Materials Technical Note 1, Grass and Forb/Legume Varieties Approved for Use in Kansas
- NRCS eFOTG, Section II, Soils Information/County/County Soil Data Mart/Map Unit Name/Windbreaks and Environmental Plantings
- NEM, Sections 503.0 through 503.6 and NEM Part KS503