



STATEMENT OF WORK Grassed Waterway (412) Vermont

These deliverables apply to this individual practice. For deliverables for other planned practices, refer to those specific Statements of Work.

DESIGN

Deliverables

1. Design documents that demonstrate criteria in the NRCS practice standard have been met and are compatible with planned and applied practices. Include—
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required permits to be obtained by the client.
 - c. Compliance with NRCS national and State utility safety policy (National Engineering Manual (NEM) (Title 210), Part 503, Subpart A, "Engineering Activities Affecting Utilities," Sections 503.00 through 503.06).
 - d. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to—
 - i. Hydrology/hydraulics.
 - ii. Outlet capacity and stability.
 - iii. Seedbed preparation, soil amendments, and vegetation requirements (see NRCS Conservation Practice Standard (CPS) Critical Area Planting (Code 342) Statement of Work).
2. 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. Plans and specifications shall be developed in accordance with the requirements of NRCS CPS Grassed Waterway (Code 412).
3. Operation and maintenance plan.
4. Certification the design meets NRCS practice standard criteria and complies with applicable laws and regulations (210-NEM, Part 505, Subpart A, "Introduction," Section 505.0; and Subpart B, "Procedures," Sections 505.10 through 505.12).
5. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Preinstallation conference with client and contractor (210-NEM, Part 512, Subpart B, "Preconstruction Activities," Section 512.13).
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Installation inspection (210-NEM, Part 512, Subpart C, "Evaluation of Construction Materials," Sections 512.20 through 512.23; and Subpart D, "Quality Assurance Activities," Section 512.33).
 - 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 the installation process and materials meet design and permit requirements.

CHECK OUT

Deliverables

1. As-built documentation.
 - a. Location and extent of practice units applied
 - b. Drawings
 - c. Final quantities
2. Certification the installation meets NRCS standards and specifications and is in compliance with permits (210-NEM-505, Subpart B, "Procedures," Sections 505.10 through 505.12).
3. Progress reporting.

REFERENCES

- USDA NRCS. Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Grassed Waterway, 412
- USDA NRCS. 2016. National Environmental Compliance Handbook (Title 190). Washington, D.C.
<https://directives.sc.egov.usda.gov/>
- USDA NRCS. 2017. National Engineering Manual (Title 210). Washington, D.C.
<https://directives.sc.egov.usda.gov/>
- USDA NRCS. 2018. National Cultural Resources Procedures Handbook (Title 190). Washington, D.C.
<https://directives.sc.egov.usda.gov/>