



STATEMENT OF WORK
Surface Drain, Field Ditch (607)
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 documentation that demonstrates the criteria in the NRCS conservation practice standard have been met and are compatible with other 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. Certification of compliance with NRCS national and State utility safety policy (NRCS National Engineering Manual (NEM) (Title 210), Part 503, Subpart A, "Engineering Activities Affecting Utilities," Sections 503.0 through 503.6; Subpart B, "Public Safety at Structure Sites," Sections 503.10 through 503.13; and Subpart C, "Safety During Geologic Investigations," Sections 503.20 through 503.22).
 - d. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
 - i. Hydrology/hydraulics
 - ii. Location/alignment
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, including but not limited to:
 - a. Location map with legal description.
 - b. Plan view drawing showing the location of the practice to be constructed and relevant benchmark elevations and descriptions.
 - c. Construction material specifications.
 - d. Construction notes as needed to clarify components and provide directions for installation.
 - e. Utility safety statement requiring notification of the local one-call system prior to construction.
 - f. Additional notes as necessary to identify avoidance and protection of areas and boundaries associated with cultural resources, threatened or endangered species, or other resources needing temporary protection during installation.
 - g. Signature/initials and date for design and design check. Design check to be completed by an individual other than the designer.
3. Operation and maintenance plan developed in accordance with the requirements of NRCS Conservation Practice Standard Surface Drain, Field Ditch (Code 607).
4. Design report as appropriate (210-NEM, Part 511, Subpart B, "Documentation," Section 511.11).
5. Quality assurance plan (210-NEM, Part 512, Subpart D, "Quality Assurance Activities," Sections 512.30 through 512.32).
6. Certification the design meets NRCS standards and specifications and is in compliance 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).
7. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Preinstallation conference with client and contractor.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Installation inspection.
 - a. Actual materials used (210-NEM-512, Subpart C, "Evaluation of Construction Materials," Sections 512.20 through 512.23; and Subpart D, "Quality Assurance Activities," Section 512.33)
 - b. Inspection records
 - c. Document compliance with quality assurance plan
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.

CHECK OUT

Deliverables

1. As-built documentation.
 - a. Extent of practice units applied
 - b. "Red-line" 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

- Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Surface Drain, Field Ditch, 607
- 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), Part 503, Safety. 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/>