

**STATEMENT OF WORK**  
**Subsurface Drain (606)**  
**Minnesota**

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

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## **DESIGN**

### **Deliverables:**

1. Design documents that demonstrate criteria in practice standard have been met and are compatible with planned and applied practices
  - a. Compliance with NRCS national and state utility safety policy (NEM part 503-Safety, Section 503.00 through 503.22)
  - b. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
    - i. Capacity
    - ii. Hydraulics
    - iii. Materials
2. Adequate plan view, profiles, cross sections, details, and specifications to ensure that the project can be properly constructed.
3. Operation and maintenance plan
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.03(b) (2)).
5. Design modifications during installation as required
6. Itemized Engineer's Cost Estimate

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## **INSTALLATION**

### **Deliverables**

1. Documentation of pre-construction 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
  - b. Inspection records
5. Facilitate required design or cost modifications with client, original designer, permitting and funding agencies.
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 (NEM Subpart A, 505.03(c) (1)).

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## **CHECK OUT**

### **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
3. Progress reporting

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## **REFERENCES**

- Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Subsurface Drain, 606.
- National Engineering Manual
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook