

STATEMENT OF WORK
Stormwater Runoff Control (570)
Minnesota

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

DESIGN

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 503.06). This requires that a Gopher State One-Call advisory be placed on the plans. The required wording is: "*State law and NRCS policy require that the excavator contact Gopher State One-Call at (800)252-1166 for utility locations 48 hours prior to the start of excavation work*".
 - e. List of facilitating practices.
 - f. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Hydrology/Hydraulics.
 - ii. Surface Drainage.
 - iii. Erosion Control.
 - iv. Structural including hazard class as appropriate.
 - v. Vegetation.
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.
3. 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).
4. Operation and Maintenance Plan.
5. Certification that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.3).
6. Design modifications during installation as required.
7. An Engineer's Cost Estimate is not required, however it is recommended to help the owner evaluate contractor proposals.

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 drawings and specifications including applicable layout notes.
4. Installation inspection
 - a. Actual materials used
 - b. Inspection records
5. Facilitate and implement required design modifications with client and original designer.
6. Documentation for any significant design modifications made during installation.
7. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation. Examples include construction site erosion control, evidence of cultural resources, etc.
8. Certification that the installation process and materials meets design and permit requirements (NEW Subpart A, 505.3).

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CHECK OUT

Deliverables

1. As-Built documentation.
 - a. Extent of practice units applied
 - b. As-built drawings
 - c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance with permits (NEM Subpart A, 505.03(c)(1)). The required wording is *“To the best of my professional knowledge, belief, and judgment, the installed practice meets NRCS standards.”*
3. Progress reporting

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard – Stormwater Runoff Control, 570.
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook