

STATEMENT OF WORK
Stormwater Runoff Control (570)
Michigan

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

Specific responsibility for the deliverables depends on the source of engineering technical assistance to NRCS-Michigan customers. Responsibilities for the four available sources of engineering assistance are described in [NRCS-Michigan Roles and Responsibilities for Engineering Technical Assistance](#).

DESIGN

Deliverables:

1. Design documents that demonstrate criteria in NRCS practice standard have been met and are compatible with planned and applied practices
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required permits, SESC plan, state certifications and/or permits to be obtained by the client and regulations to be met
 - c. Impacts on adjacent properties and structures.
 - d. List of facilitating practices
 - e. Practice standard criteria-related computations and analyses to develop plans and specifications including but not limited to:
 - i. Hydrology/Hydraulics
 - ii. Geology and Soil Mechanics
 - iii. Surface Drainage
 - iv. Inlet and outlet stability
 - v. Erosion Control
 - vi. Estimated quantities
 - vii. Structural including hazard class as appropriate
 - viii. Vegetation requirements
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. The Construction drawings must include the notes shown on page 2 of the NRCS-Michigan standard drawing cover sheet ([8½ x 11](#)).
3. Operation and maintenance plan
4. Certification that the design meets practice standard criteria and comply with applicable laws and regulations
5. Design modifications during installation as required\
6. An Engineer's cost estimate is not required, however it is recommended to help the owner evaluate contractor proposals.

INSTALLATION

Deliverables

1. Pre-installation conference with client and contractor
2. Verification that client has obtained required permits, SESC plan, state certifications and/or permits
3. Installation guidance as needed
4. Facilitate and implement required design modifications with client and original designer
5. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation
6. Certification that the installation process and materials meets design and permit requirements

CHECK OUT

Deliverables

1. Records of application
 - a. Extent of practice units applied
 - b. Actual materials used
2. Certification that the application meets NRCS standards and specifications and is in compliance with permits, SESC plan, state certifications and/or permits.
3. Progress reporting

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REFERENCES

- NRCS-Michigan Field Office Technical Guide ([FOTG](#)), Section IV, Conservation Practice Standard – Stormwater Runoff Control - 570
- NRCS National Engineering Manual ([NEM](#))
- [NRCS-Michigan Operation and Maintenance Plans](#)
- [NRCS-Michigan Construction Specifications](#)
- [Michigan Climate Information](#)
- National Engineering Handbook ([NEH](#))
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook