

## United States Department of Agriculture

Natural Resources Conservation Service  
339 Busch's Frontage Road, Suite 301  
Annapolis, MD 21409

Phone: 410-757-0861  
FAX: 410-757-0687  
www.md.nrcs.usda.gov

### STATEMENT OF WORK Fish Passage (396)

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

#### DESIGN

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##### 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. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 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. Structural;
    - iii. Environmental Considerations (GM 190 ECS-Part 410.22).
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, 505.03 (a) (3));
6. Design modifications during installation as required;
7. Design work shall be in accordance with the Maryland conservation practice standard. Plans shall be prepared in accordance with the **PLANS AND SPECIFICATIONS** section of the Maryland standard.

#### INSTALLATION

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##### Deliverables:

1. Pre Installation 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 (according to inspection plan as appropriate):
  - a. Actual materials used (Part 512, Subchapter D Quality Assurance Activities, 512.33);
  - 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 that the installation process and materials meets design and permit requirements;
8. Implementation and certification shall be in accordance with the **OPERATION AND MAINTENANCE** and **SUPPORTING DATA AND DOCUMENTATION** sections of the Maryland conservation practice standard.

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#### CHECK OUT

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##### 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 (NEM Subpart A, 505.03 (c) (1));
3. Progress reporting;
4. Check-out and certification shall be in accordance with the **SUPPORTING DATA AND DOCUMENTATION** section of the Maryland conservation practice standard.

#### REFERENCES

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- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Fish Passage, 396
- NRCS General Manual (GM)
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook
- NRCS National Biology Manual
- NRCS National Biology Handbook

Note: All references listed in the **REFERENCES** section of the conservation practice standard apply.