

# Environmental Quality Incentives Program

## 2013 EQIP Signup

Minnesota Supplement for:  
Practice Standard 578 – Stream Crossing

### Supplemental Criteria

1. Payment is authorized only for crossings installed in conjunction with Prescribed Grazing, Grassed Waterway, or Access Control.
2. All Federal, State, and Local wetland laws and regulations must be followed and needed permits obtained prior to construction. See General Provision 7.

### Scenarios

#### **Rock Surfaced Stream Crossing**

Stabilize the bottom and slope of a stream channel using rock. This scenario includes site preparation, dewatering, acquiring and installing gravel or geotextile with rock riprap on channel bottom and approaches. Final travel surface shall be the rock. If a different travel surface is needed, refer to another appropriate standard for the surfacing. Use (396) Aquatic Organism Passage instead, when the primary intent is biological concerns, not hydrologic.

#### **Culvert installation, < 25" Diameter, Single Barrel**

Install a new culvert. Work includes dewatering, site preparation and removing any old crossing, acquiring and installing culvert pipe with gravel bedding and fill (compacted), and building headwalls. If a different travel surface is needed, refer to another appropriate standard for the surfacing. 12 inch culvert installation with 40 cy of fill needed and 2 cubic yards rock riprap for headwalls. Pipe is 36 feet long. Use (396) Aquatic Organism Passage instead, when the primary intent is biological concerns, not hydrologic. Use (587) Structure for Water Control instead, for ditch cross culverts and other intermittent flows.

#### **Culvert installation, < 25" Diameter, Double Barrel**

Install a new double barrel culvert. Work includes dewatering, site preparation and removing any old crossing, acquiring and installing culvert pipe with gravel bedding and fill (compacted), and building headwalls. If a different travel surface is needed, refer to another appropriate standard for the surfacing. Two 12 inch culverts with 60 cy of fill needed and 2 cubic yards rock riprap for headwalls. Each pipe is 36 feet long. Use (396) Aquatic Organism Passage instead, when the primary intent is biological concerns, not hydrologic. Use (587) Structure for Water Control instead, for ditch cross culverts and other intermittent flows.

#### **Culvert installation, > 25" Diameter, Single Barrel**

Install a new culvert. Work includes dewatering, site preparation and removing any old crossing, acquiring and installing culvert pipe with gravel bedding and fill (compacted), and building

headwalls. If a different travel surface is needed, refer to another appropriate standard for the surfacing. 36 inch culvert installation with 40 cy of fill needed and 2 yards rock riprap for headwalls. Pipe is 36 feet long. Use (396) Aquatic Organism Passage instead, when the primary intent is biological concerns, not hydrologic. Use (587) Structure for Water Control instead, for ditch cross culverts and other intermittent flows.

### **Culvert installation, > 25" Diameter, Double Barrel**

Install a new double barrel culvert. Work includes dewatering, site preparation and removing any old crossing, acquiring and installing culvert pipe with gravel bedding and fill (compacted), and building headwalls. If a different travel surface is needed, refer to another appropriate standard for the surfacing. Two 30 inch culverts with 60 cy of fill needed and 2 yards rock riprap for headwalls. Each pipe is 36 feet long. Use (396) Aquatic Organism Passage instead, when the primary intent is biological concerns, not hydrologic. Use (587) Structure for Water Control instead, for ditch cross culverts and other intermittent flows.