8-01.2(GR8)  Materials

8-01.2(9-14.4(8)).GR8  Compost

(Section 9-14.4(8) is supplemented with the following)

8-01.2(9-14.4(8)).OPT1.GR8  (April 7, 2014)

May be used to allow biosolids compost on projects that do not use compost on stormwater BMPs. Use with concurrence of the Hydraulics Engineer.

8-01.3(GR8)  Construction Requirements

8-01.3(1).GR8  General

8-01.3(1).INST1.GR8  (The tenth paragraph of Section 8-01.3(1) is revised to read)

Must use once preceding any of the following:

8-01.3(1).OPT1.GR8  (Erodible Soil Central Basin)

(January 25, 2010)

Use for projects east of the Cascade range in areas receiving 12 inches or less annual precipitation. Do not use if any portion of the project lies in areas that receive more than 12 inches of annual precipitation. See http://www.wsdot.wa.gov/publications/fulltext/Hydraulics/WaMeanAnnPrecip.pdf for precipitation map.

8-01.3(1).INST2.GR8  (Section 8-01.3(1) is supplemented with the following)

Must use once preceding any of the following:

8-01.3(1).OPT2.GR8  (January 5, 2015)

Use in all projects that require a Construction Stormwater General Permit (CSWGP) unless the Assistant State Construction Engineer for your region authorizes a project to forgo transferring the permit. Contracts with high to moderate erosion related risks as defined in section 2-1.1 of the Temporary Erosion and Sediment Control (TESC) Manual M 3109 should include the “TESC Compliance Incentive” bid item. Must use with 1-02.4.OPT1.GR1, 1-03.3.OPT2.GR1, 1-03.5.OPT1.GR1, 1-07.5(3).OPT1.GR1, 1-07.6.OPT1.FR1, 1-08.5.OPT2.GR1, 8-01.3(1).OPT3.GR8, 8-01.3(1)A.OPT2.GR8, 8-01.3(1)B.OPT2.GR8, 8-01.3(15).OPT1.GR8, 8-01.3(16).OPT1.GR8, 8-01.4.OPT1.GR8, and 8-01.5.OPT2.GR8.

8-01.3(1).OPT8.FR8  (Side Slope Treatment)

(April 1, 2002)
Use on projects where erodible soils are anticipated and it is desired to have the newly exposed slopes walked before final erosion control can be accomplished, in accordance with recommendation from environmental office.

(The first through eighth paragraphs of 8-01.3(1) are deleted and replaced with the following)

Must use once preceding any of the following:

8-01.3(1).OPT3.GR8 (January 5, 2015)
Use in all projects that require a Construction Stormwater General Permit (CSWGP) unless the Assistant State Construction Engineer for your region authorizes a project to forgo transferring the permit.

Must use with 1-02.4.OPT1.GR1, 1-03.3.OPT2.GR1, 1-03.5.OPT1.GR1, 1-07.5(3).OPT1.GR1, 1-07.6.OPT1.FR1, 1-08.5.OPT12.GR1, 8-01.3(1).OPT2.GR8, 8-01.3(1)A.OPT2.GR8, 8-01.3(1)B.OPT2.GR8, 8-01.3(15).OPT1.GR8, 8-01.3(16).OPT1.GR8, 8-01.4.OPT1.GR8, and 8-01.5.OPT2.GR8.

8-01.3(1)A.GR8 Submittals

8-01.3(1)A.INST1.GR8 (Section 8-01.3(1)A is supplemented with the following)
Must use once preceding any of the following:

8-01.3(1)A.OPT1.GR8 (April 3, 2006)
Must include with 8-01.5.OPT1.GR8, 5-01.3(1)A.OPT1.GR5, 5-01.5.OPT1.GR5, 5-05.3(1).OPT7.GR5, 5-05.5.OPT1.GR5, 6-02.3.OPT3.GR6, and 6-02.5.OPT3.GR6.

8-01.3(1)A.INST2.GR8 (Section 8-01.3(1)A is revised to read)
Must use once preceding any of the following:

8-01.3(1)A.OPT2.GR8 (January 5, 2015)
Use in all projects that require a Construction Stormwater General Permit (CSWGP) unless the Assistant State Construction Engineer for your region authorizes a project to forgo transferring the permit.

Must use with 1-02.4.OPT1.GR1, 1-03.3.OPT2.GR1, 1-03.5.OPT1.GR1, 1-07.5(3).OPT1.GR1, 1-07.6.OPT1.FR1, 1-08.5.OPT12.GR1, 8-01.3(1).OPT2.GR8, 8-01.3(1)A.OPT2.GR8, 8-01.3(15).OPT1.GR8, 8-01.3(16).OPT1.GR8, 8-01.4.OPT1.GR8, and 8-01.5.OPT2.GR8.

8-01.3(1)B.GR8 Erosion and Sediment Control (ESC) Lead
8-01.3(1)B.INST1.GR8  (The second and third paragraphs in Section 8-01.3(1)B are revised to read  
Must use once preceding any of the following:

8-01.3(1)B.OPT1.GR8  (January 7, 2013)  
For use on projects where the project has a high risk of soil erosion due to soil type, slope gradient and work in or has proximity to waters of the State (Temporary Erosion and Sediment Control Manual (TESC)) defines projects susceptible for high risk soil erosion). Also for use on projects where there is extensive monitoring of environmental permit compliance. The Region Construction Engineer and Region Environmental Office should be consulted for use as the provision introduces an Environmental Compliance Lead person that incorporates, expands and replaces the duties of the ESC Lead person. Must include 8-SA3.GR8. Do not use with 8-01.3(1)B.OPT2.GR8.

8-01.3(1)B.OPT2.GR8  (January 5, 2015)  
Use in all projects that require a Construction Stormwater General Permit (CSWGP) unless the Assistant State Construction Engineer for your region authorizes a project to forgo transferring the permit. Must use with 1-02.4.OPT1.GR1, 1-03.3.OPT2.GR1, 1-03.5.OPT1.GR1, 1-07.5(3).OPT1.GR1, 1-07.6.OPT1.FR1, 1-08.5.OPT12.GR1, 8-01.3(1).OPT2.GR8, 8-01.3(1).OPT3.GR8, 8-01.3(1)A.OPT2.GR8, 8-01.3(15).OPT1.GR8, 8-01.3(16).OPT1.GR8, 8-01.4.OPT1.GR8, and 8-01.5.OPT2.GR8. Do not use with 8-01.3(1)B.OPT1.GR8.

8-01.3(1)C.GR8  Water Management

8-01.3(1)C.INST1.GR8  (Section 8-01.3(1)C is supplemented with the following)  
Must use once preceding any of the following:

8-01.3(1)C.OPT1.FR8  (Off-site stormwater routed through or around Project site)  
(August 6, 2012)  
Use when there are known locations where stormwater enters the project site and it is desired to prevent this stormwater from flowing uncontrolled through the project site. (1 fill-in)

8-01.3(2).GR8  Seeding, Fertilizing, and Mulching
Seeding and Fertilizing

8-01.3(2)B.INST1.GR8  (Section 8-01.3(2)B is supplemented with the following)
Must use once preceding any of the following:

8-01.3(2)B.OPT1.FR8  (Composition, proportion, quality and application rate of grass seed)
(August 4, 2014)
Use on projects where a common, non-native or non-source-identified seed can be used. This mix will generally be used within urban areas on small areas of disturbance. The fill-ins for the seed should be provided by the Region Landscape Architect or Headquarters Roadside and Site Development for regions without a Landscape Architect.
(2 fill-ins) (Fill-ins with dollar signs only are to be used as required)

8-01.3(2)B.OPT2.FR8  (Composition, proportion, quality and application rate of grass seed)
(August 4, 2014)
Use in projects where the Region Landscape Architect recommends source identified (local genetics) native seed. The fill-ins should be provided by the Region Landscape Architect or Headquarters Roadside and Site Development for regions without a Landscape Architect.
(3 fill-ins) (Fill-ins with dollar signs only are to be used as required.)

8-01.3(2)B.OPT3.GR8  (Seeding by hand)
(January 3, 2006)
Must also use 8-01.3(2)B.OPT6.GR8.
Use in projects with seeding and fertilizing of less than 1 acre, the use of mechanical equipment would not be cost effective, or on remote projects with many small areas.

8-01.3(2)B.OPT4.FR8  (One application of fertilizer)
(January 3, 2006)
Use in projects requiring only one application of fertilizer.
(4 fill-ins) (The fill-ins for the fertilizer itself should be by consulting the State Horticulturist, the Region Landscape Architect, or Headquarters Roadside and Site Development. Fill-in $$4$$ should be 2/3 the amount of nitrogen in fill-in $$1$$.)

8-01.3(2)B.OPT5.FR8  (More than one application of fertilizer)
(January 3, 2006)
Use in projects when the Region Landscape Arch. recommends more than one fertilizer application.

(7 fill-ins) (The fill-ins for the fertilizer itself should be by consulting the Region Landscape Architect, or Headquarters Roadside and Site Development. Fill-in $$7$$ should be 2/3 the amount of nitrogen in fill-in $$4$$.)

8-01.3(2)B.OPT6.GR8 (Fertilizing by hand) (January 3, 2006)

Must include with 8-01.3(2)B.OPT3.GR8.

Use in projects with seeding and fertilizing of less than 1 acre, the use of mechanical equipment would not be cost effective, or on remote projects with many small areas.

8-01.3(2)B.OPT7.FR8 (Fertilizer Application in Eastern Washington) (January 3, 2006)

Use this GSP for projects in eastern Washington where soils tests show excess potassium and phosphorous and high pH.

8-01.3(2)B.OPT8.FR8 (Composition, proportion, quality and application rate of grass seed) (August 4, 2014)

Use in projects where the Region Landscape Architect recommends native seed that is not source identified. The fill-ins should be provided by the Region Landscape Architect or Headquarters Roadside and Site Development for regions without a Landscape Architect. (3 fill-ins)

8-01.3(2)C.GR8 Liming

8-01.3(2)C.INST1.GR8 (Section 8-01.3(2)C is supplemented with the following)

Must use once preceding any of the following:

8-01.3(2)C.OPT1.FR8 (Rate of application of lime) (January 3, 2006)

Use in projects requiring the application of lime. (1 fill-in)

8-01.3(2)D.GR8 Mulching

8-01.3(2)D.INST1.GR8 (Section 8-01.3(2)D is supplemented with the following)

Must use once preceding any of the following:

8-01.3(2)D.OPT1.FR8 (Type and rate of application of mulch) (January 5, 2015)
Use in projects requiring the application of mulch when the application rate per acre or the allowable pounds in any single lift are revised from the Standard Specifications.

(3 fill-ins)

8-01.3(15).GR8 Maintenance

8-01.3(15).OPT1.GR8 (January 5, 2015)

(The fifth paragraph of Section 8-01.3(15) is deleted)

Use in all projects that require a Construction Stormwater General Permit (CSWGP) unless the Assistant State Construction Engineer for your region authorizes a project to forgo transferring the permit.

Must use with 1-02.4.OPT1.GR1, 1-03.3.OPT2.GR1, 1-03.5.OPT1.GR1, 1-07.5(3).OPT1.GR1, 1-07.6.OPT1.FR1, 1-08.5.OPT12.GR1, 8-01.3(1).OPT2.GR8, 8-01.3(1)A.OPT2.GR8, 8-01.3(1)B.OPT2.GR8, 8-01.3(16).OPT1.GR8, 8-01.4.OPT1.GR8, and 8-01.5.OPT2.GR8.

8-01.3(16).GR8 Removal

8-01.3(16).INST1.GR8 (Section 8-01.3(16) is revised to read)

Must use once preceding any of the following:

8-01.3(16).OPT1.GR8 (January 5, 2015)

Use in all projects that require a Construction Stormwater General Permit (CSWGP) unless the Assistant State Construction Engineer for your region authorizes a project to forgo transferring the permit.

Must use with 1-02.4.OPT1.GR1, 1-03.3.OPT2.GR1, 1-03.5.OPT1.GR1, 1-07.5(3).OPT1.GR1, 1-07.6.OPT1.FR1, 1-08.5.OPT12.GR1, 8-01.3(1).OPT2.GR8, 8-01.3(1)A.OPT2.GR8, 8-01.3(1)B.OPT2.GR8, 8-01.3(16).OPT1.GR8, 8-01.4.OPT1.GR8, and 8-01.5.OPT2.GR8.

8-01.4.GR8 Measurement

8-01.4.INST1.GR8 (Section 8-01.4 is supplemented with the following)

Must use once preceding any of the following:

8-01.4.OPT1.GR8 (January 5, 2015)

Use in all projects that require a Construction Stormwater General Permit (CSWGP) unless the Assistant State Construction Engineer for your region authorizes a project to forgo transferring the permit.

Must use with 1-02.4.OPT1.GR1, 1-03.3.OPT2.GR1, 1-03.5.OPT1.GR1, 1-07.5(3).OPT1.GR1, 1-07.6.OPT1.FR1, 1-08.5.OPT12.GR1, 8-01.3(1).OPT2.GR8, 8-01.3(1)A.OPT2.GR8, 8-01.3(1)B.OPT2.GR8, 8-01.3(16).OPT1.GR8, 8-01.4.OPT1.GR8, and 8-01.5.OPT2.GR8.
01.3(1)B.OPT2.GR8, 8-01.3(15).OPT1.GR8, 8-01.3(16).OPT1.GR8, and 8-01.5.OPT2.GR8

8-01.5.GR8 Payment

8-01.5.INST1.GR8 (Section 8-01.5 is supplemented with the following)
Must use once preceding any of the following:

8-01.5.OPT1.GR8 (April 3, 2006)
Must include with 8-01.3(1)A.OPT1.GR8, 5-01.3(1)A.OPT1.GR5, 5-01.5.OPT1.GR5, 5-05.3(1).OPT2.GR5, 5-05.5.OPT1.GR5, 6-02.3.OPT3.GR6, and 6-02.5.OPT3.GR6.

8-01.5.OPT2.GR8 (January 5, 2015)
Use in all projects that require a Construction Stormwater General Permit (CSWGP) unless the Assistant State Construction Engineer for your region authorizes a project to forgo transferring the permit.
Contracts with high to moderate erosion related risks as defined in section 2-1.1 of the Temporary Erosion and Sediment Control (TESC) Manual M 3109 should include the "TESC Compliance Incentive" bid item.
Must use with 1-02.4.OPT1.GR1, 1-03.3.OPT2.GR1, 1-03.5.OPT1.GR1, 1-07.5(3).OPT1.GR1, 1-07.6.OPT1.FR1, 1-08.5.OPT2.GR1, 8-01.3(1).OPT2.GR8, 8-01.3(1).OPT2.GR8, 8-01.3(1)A.OPT2.GR8, 8-01.3(1)B.OPT2.GR8, 8-01.3(15).OPT1.GR8, 8-01.3(16).OPT1.GR8, and 8-01.4.OPT1.GR8.

8-02.GR8 Roadside Restoration

8-02.1.GR8 Description

8-02.1.INST1.GR8 (Section 8-02.1 is supplemented with the following)
Must use once preceding any of the following:

8-02.1.OPT1.GR8 (Removal of Buried Man-Made Debris)
(August 4, 2014)
Use on projects that include soil amendment, and/or irrigation systems, and where man-made construction debris is known or suspected to exist. Requires the approval of the Region Construction Manager. Must include 8-02.3(5).OPT4.GR8 and 8-02.5.OPT2.GR8.

8-02.2.GR8 Materials

8-02.2.INST1.GR8 (Section 8-02.2 is supplemented with the following)
Must use once preceding the following:

8-02.2.OPT1.GR8 (Conservation Grade Plant Material)
(January 3, 2011)
Use in projects that include “conservation grade” plant material in the plant list. Use requires approval of the
Region Landscape Architect or HQ Region Liaison Landscape Architect.

8-02.2(9-14).GR8 (Erosion Control and Roadside Planting)

8-02.2(9-14).INST1.GR8 (Section 9-14 is supplemented with the following)
Must use once preceding the following:

8-02.2(9-14).OPT1.FR8 (Weed Barrier Mats)
(April 7, 2008)
Use in projects requiring weed barrier mats.
(1 fill-in) Fill-in is the staple length.
Contact the Region Landscape Architect or HQ Region Liaison Landscape Architect for fill-in information.

8-02.2(9-14.4).GR8 (Mulch and Amendments)

8-02.2(9-14.4(8)).GR8 (Compost)
(Section 9-14.4(8) is supplemented with the following)
Must use once preceding any of the following:

8-02.2(9-14.4(8)).OPT1.GR8 (January 3, 2010)
Use when the contract has less than 100 yards of compost, or less than 30 working days and 100 yards of compost or greater.

8-02.3.GR8 Construction Requirements

8-02.3(5).GR8 Planting Area Preparation

8-02.3(5).INST1.GR8 (Section 8-02.3(5) is supplemented with the following)
Must use once preceding any of the following:

8-02.3(5).OPT1.FR8 (Application of Compost)
(August 5, 2013)
Include when no incorporation of compost is required.
(1 fill-in)

8-02.3(5).OPT2.FR8 (Application of Compost)
(August 5, 2013)
Include when compost is to be incorporated into the soil and irrigation lines are included in the Contract.
(2 fill-ins)

8-02.3(5).OPT3.FR8 (Application of Compost)
(August 5, 2013)
Include when compost is to be incorporated onto the soil and there are no irrigation lines included in the Contract.
(2 fill-ins).

8-02.3(5).OPT4.GR8 (Removal of Buried Man-Made Debris)
(August 4, 2014)
Must include with 8-02.1.OPT1.GR8 and 8-02.5.OPT2.GR8.

### 8-02.3(8).GR8
**Planting**

- **8-02.3(8).INST1.GR8** (Section 8-02.3(8) is supplemented with the following)
  Must use once preceding any of the following:

- **8-02.3(8).OPT1.FR8** (February 25, 2013)
  Must use when the project requires a U.S. Army Corps of Engineers Nationwide Permit. Use the Environmental Commitment Meeting to determine applicability of this provision for the project.
  (1 fill-in)

### 8-02.3(11).GR8
**Bark or Wood Chip Mulch**

- **8-02.3(11).INST1.GR8** (Section 8-02.3(11) is supplemented with the following)
  Must use once preceding any of the following:

- **8-02.3(11).OPT1.FR8** (Placement of Bark or Wood Chip)
  (April 2, 2012)
  Use in projects requiring bark and wood chip mulch.
  Use requires approval of the Region Landscape Architect or HQ Region Liaison Landscape Architect.

### 8-02.3(13).GR8
**Plant Establishment**

- **8-02.3(13).INST1.GR8** (Section 8-02.3(13) is supplemented with the following)
  Must use once preceding any of the following:

- **8-02.3(13).OPT1.GR8** (January 5, 2015)
  Use in projects with multiple year plant establishment.
  Must include with 8-02.5.OPT1.GR8.

### 8-02.4.GR8
**Measurement**

- **8-02.4.INST1.GR8** (Section 8-02.4 is supplemented with the following)
  Must use once preceding any of the following:

- **8-02.4.OPT1.GR8** (January 5, 2015)
  Use in projects where Topsoil, Compost, Soil Amendments, or Bark or Wood Chip Mulch is applied around trees or shrub beds, or in areas of less than one acre. Must include with 8-02.5.OPT3.GR8.

### 8-02.5.GR8
**Payment**

- **8-02.5.INST1.GR8** (Section 8-02.5 is supplemented with the following)
  Must use once preceding any of the following:

- **8-02.5.OPT1.GR8** (January 5, 2015)
  Must include with 8-02.3(13).OPT1.GR8.
8-02.5.OPT2.GR8  (Removal of Buried Man-Made Debris)  
(August 4, 2014) 
Must include with 8-02.1.OPT1.GR8 and 8-02.3(5).OPT4.GR8.

8-02.5.OPT3.GR8  (January 5, 2015) 
Use in projects where Topsoil, Compost, Soil Amendments, or Bark or Wood Chip Mulch is applied around trees or shrub beds, or in areas of less than one acre. Must include with 8-02.4.OPT1.GR8.

8-10.GR8  GUIDE POSTS

8-10.1.GR8  Description
8-10.1.INST1.GR8  (Section 8-10.1 is supplemented with the following) 
Must use once preceding any of the following:
8-10.1.OPT1.GR8  (Barrier Delineators)  
(April 1, 2002) 
Must also use 8-10.2.OPT1.GR8, 8-10.3.OPT1.GR8 or 8-10.3.OPT2.GR8, 8-10.4.OPT1.GR8, and 8-10.5.OPT1.GR8.

8-10.2.GR8  Materials
8-10.2.INST1.GR8  (Section 8-10.2 is supplemented with the following) 
Must use once preceding any of the following:
8-10.2.OPT1.GR8  (Barrier Delineators)  
(April 1, 2002) 
Must also use 8-10.1.OPT1.GR8, 8-10.3.OPT1.GR8 or 8-10.3.OPT2.GR8, 8-10.4.OPT1.GR8, and 8-10.5.OPT1.GR8.

8-10.3.GR8  Construction Requirements
8-10.3.INST1.GR8  (Section 8-10.3 is supplemented with the following) 
Must use once preceding any of the following:
8-10.3.OPT1.GR8  (Barrier Delineators)  
(April 1, 2002) 
Delineators placed 6" down from top. 
Must also use 8-10.1.OPT1.GR8, 8-10.2.OPT1.GR8, 8-10.4.OPT1.GR8, and 8-10.5.OPT1.GR8.
8-10.3.OPT2.GR8  (Barrier Delineators)  
(April 1, 2002) 
Delineators placed on top of barrier. 
Must also use 8-10.1.OPT1.GR8, 8-10.2.OPT1.GR8, 8-10.4.OPT1.GR8, and 8-10.5.OPT1.GR8.

8-10.4.GR8  Measurement
8-10.4.INST1.GR8  
(Section 8-10.4 is supplemented with the following)  
Must use once preceding any of the following:

8-10.4.OPT1.GR8  
(Barrier Delineators)  
(April 1, 2002)  
Must also use 8-10.1.OPT1.GR8, 8-10.2.OPT1.GR8 8-10.3.OPT1.GR8, or 8-10.3.OPT2.GR8, and 8-10.5.OPT1.GR8.

8-10.5.GR8  
Payment

8-10.5.INST1.GR8  
(Section 8-10.5 is supplemented with the following)  
Must use once preceding any of the following:

8-10.5.OPT1.GR8  
(Barrier Delineators)  
(April 1, 2002)  
Must also use 8-10.1.OPT1.GR8, 8-10.2.OPT1.GR8 8-10.3.OPT1.GR8, or 8-10.3.OPT2.GR8, and 8-10.4.OPT1.GR8.

8-11.GR8  
Guardrail

8-11.1.GR8  
Description

8-11.1.INST1.GR8  
(Section 8-11.1 is supplemented with the following)  
Must use once preceding any of the following:

8-11.1.OPT1.GR8  
(High-Tension Cable Barrier System 3 and 4 Cable)  
(April 6, 2009)  
Must also use 8-11.2.OPT1.GR8 or 8-11.2.OPT2.GR8 (or both), 8-11.3.OPT2.FR8, 8-11.4.OPT2.GR8, 8-11.5.OPT7.GR8, and 8-11.5.OPT8.GR8.

8-11.2.GR8  
Materials

8-11.2.INST1.GR8  
(Section 8-11.2 is supplemented with the following)  
Must use once preceding any of the following:

8-11.2.OPT1.GR8  
(High-Tension Cable Barrier System 3 Cable)  
(April 6, 2009)  
Must also use 8-11.1.OPT1.GR8, 8-11.3.OPT2.FR8, 8-11.4.OPT2.GR8, 8-11.5.OPT7.GR8, and 8-11.5.OPT8.GR8.

8-11.2.OPT2.GR8  
(High-Tension Cable Barrier System 4 Cable)  
(August 3, 2009)  
Must also use 8-11.1.OPT1.GR8, 8-11.3.OPT2.FR8, 8-11.4.OPT2.GR8, 8-11.5.OPT7.GR8, and 8-11.5.OPT8.GR8.

8-11.2.OPT3.GR8  
(January 5, 2015)  
Use in projects with Weathering Steel Beam Guardrail.  
Must also use 8-11.2(9-16.3(1)).OPT1.GR8, 8-11.2(9-
8-11.2(9-16.3).GR8  (Beam Guardrail)

8-11.2(9-16.3(1)).GR8  (Rail Element)

8-11.2(9-16.3(1)).INST1.GR8  (Section 9-16.3(1) is supplemented with the following)
   Must use once preceding any of the following:

8-11.2(9-16.3(2)).GR8  (Posts and Blocks)

8-11.2(9-16.3(2)).INST1.GR8  (Section 9-16.3(2) is supplemented with the following)
   Must use once preceding any of the following:

8-11.2(9-16.3(4)).GR8  (Hardware)

8-11.2(9-16.3(5)).GR8  (Anchors)

8-11.3.GR8  Construction Requirements
8-11.3.INST1.GR8  (Section 8-11.3 is supplemented with the following)
Must use once preceding any of the following:

8-11.3.OPT1.GR8  (Box Culvert Guardrail Steel Posts)
(January 4, 2010)
Must also use 8-11.4.OPT1.GR8 and 8-11.5.OPT6.GR8.
Use in projects requiring the construction of steel guardrail
posts on top of existing concrete box culverts.

8-11.3.OPT2.FR8  (High-Tension Cable Barrier System 3 and 4 Cable)
(April 6, 2009)
Must also use 8-11.1.OPT1.GR8, 8-11.2.OPT1.GR8 or 8-
11.2.OPT2.GR8 (or both), 8-11.4.OPT2.GR8, 8-
11.5.OPT7.GR8, and 8-11.5.OPT8.GR8.
Fill-in is the location(s) of Contracting Agency sites to
deliver complete sets of Additional High-Tension Cable
Barrier Components.
(1 fill-in)

8-11.3.OPT3.GR8  (Beam Guardrail Type 31 NB)
(August 6, 2007)
Use in projects that contain Type 31 NB Guardrail.

8-11.3(1).GR8  Beam Guardrail

8-11.3(1).INST1.GR8  (Section 8-11.3(1) is supplemented with the following)
Must use once preceding any of the following:

8-11.3(1).OPT1.GR8  Post Selection
(April 5, 2010)
Use in all projects with guardrail.

8-11.3(1)A.GR8  Erection of Posts

8-11.3(1)A.INST1.GR8  (Section 8-11.3(1)A is supplemented with
the following)
Must use once preceding any of the following:

8-11.3(1)B.GR8  Erection of Rail

8-11.3(1)B.INST1.GR8  (Section 8-11.3(1)B is supplemented with the
following)
Must use once preceding any of the following:

8-11.3(1)B.OPT1.GR8  (August 6, 2007)
Use in projects requiring snow load washers.
Consult Region Operations for determination of
need.

8-11.3(1)B.OPT2.GR8  (Weathering Steel Beam Guardrail)
(August 4, 2014)
Use in projects with Weathering Steel Beam
Guardrail.
Include with 8-11.2.OPT3.GR8, 8-11.2(9-16.3(1)).OPT1.GR8, 8-11.2(9-16.3(2)).OPT5.GR8, 8-11.2(9-16.3(5)).OPT1.GR8, 8-11.4.OPT3.GR8, 8-11.5.OPT9.GR8.

8-11.3(1)D.GR8  Removing Guardrail

8-11.3(1)D.INST1.GR8 (Section 8-11.3(1)D is supplemented with the following)
Must use once preceding any of the following:

8-11.3(1)G.GR8  Plans

8-11.3(1)G.INST1.GR8 (Section 8-11.3(1)G is supplemented with the following)
Must use once preceding any of the following:

8-11.4.GR8  Measurement

8-11.4.INST1.GR8 (Section 8-11.4 is supplemented with the following)
Must use once preceding any of the following:

8-11.4.OPT1.GR8 (Box Culvert Guardrail Steel Posts)
(March 13, 1995)
Must include with 8-11.3.OPT1.GR8 and 8-11.5.OPT6.GR8.
Use in projects requiring the construction of steel guardrail posts on top of concrete box culverts.

8-11.4.OPT2.GR8 (High-Tension Cable Barrier System 3 and 4 Cable)
(August 6, 2012)
Must also use 8-11.1.OPT1.GR8, 8-11.2.OPT1.GR8 or 8-11.2.OPT2.GR8 (or both), 8-11.3.OPT2.FR8, 8-11.5.OPT7.GR8, and 8-11.5.OPT8.GR8.

8-11.4.OPT3.GR8 (Weathering Steel Beam Guardrail)
(August 4, 2014)
Must also use 8-11.2.OPT3.GR8, 8-11.2(9-16.3(1)).OPT1.GR8, 8-11.2(9-16.3(2)).OPT5.GR8, 8-11.2(9-16.3(5)).OPT1.GR8, 8-11.3(1)B.OPT2.GR8, 8-11.5.OPT9.GR8.

8-11.5.GR8  Payment

8-11.5.INST1.GR8 (The first bid item under Section 8-11.5 is supplemented with the following)
Must use once preceding any of the following:

8-11.5.INST2.GR8 (Section 8-11.5 is supplemented with the following)
Must use once preceding any of the following:

8-11.5.OPT6.GR8 (Box Culvert Guardrail Steel Posts)
(September 30, 1996)
Must include with 8-11.3.OPT1.GR8
and 8-11.4.OPT1.GR8.
Use in projects requiring the construction of steel guardrail posts on top of concrete box culverts.

8-11.5.OPT7.GR8 (High-Tension Cable Barrier)
(April 6, 2009)
Must also use 8-11.1.OPT1.GR8, 8-11.2.OPT1.GR8, 8-11.3.OPT2.FR8, 8-11.4.OPT2.GR8 and 8-11.5.OPT8.GR8.

8-11.5.OPT8.GR8 (Additional High-Tension Cable Barrier Components)
(April 6, 2009)
Must also use 8-11.1.OPT1.GR8, 8-11.2.OPT1.GR8, 8-11.3.OPT2.FR8, 8-11.4.OPT2.GR8 and 8-11.5.OPT7.GR8. No Federal funding participation. Must be in state funds group.

8-11.5.OPT9.GR8 (Weathering Steel Beam Guardrail)
(August 4, 2014)
Must also use 8-11.2.OPT3.GR8, 8-11.2(9-16.3(1)).OPT1.GR8, 8-11.2(9-16.3(2)).OPT5.GR8, 8-11.2(9-16.3(5)).OPT1.GR8, 8-11.3(1)B.OPT2.GR8, 8-11.4.OPT3.GR8.

8-12.GR8 Chain Link Fence and Wire Fence

8-12.2.GR8 Materials

8-12.2.INST1.GR8 (Section 8-12.2 is supplemented with the following)
Must use once preceding any of the following:

8-12.2.OPT1.FR8 (Coated chain link fence)
(August 3, 2009)
Use in projects requiring the construction of coated chain link fence. Must include 8-12.5.OPT1.GR8.
(1 fill-in)

8-12.3.GR8 Construction Requirements

8-12.3.INST1.GR8 (Section 8-12.3 is supplemented with the following)
Must use once preceding any of the following:

8-12.4.GR8 Measurement

8-12.4.INST1.GR8 (Section 8-12.4 is supplemented with the following)
Must use once preceding any of the following:

8-12.5.GR8 Payment

8-12.5.INST1.GR8 (Section 8-12.5 is supplemented with the following)
Must use once preceding any of the following:

8-12.5.OPT1.GR8 (Coated chain link fence)
(April 1, 2002)
Use in projects requiring the construction of coated chain link fence.

8-13.GR8 Monument Cases

8-13.1.GR8 Description

8-13.1.INST1.GR8 (Section 8-13.1 is deleted and replaced by the following)
Must use once preceding any of the following:

8-13.1.OPT1.GR8 (Monument pipes included in work)
(March 13, 1995)
Must also use 8-13.2.OPT1.GR8, 8-13.3.OPT1.GR8, 8-13.4.OPT1.GR8 and 8-13.5.OPT1.GR8.
Use in projects requiring that the monument pipes be installed by the Contractor.

8-13.2.GR8 Materials

8-13.2.INST1.GR8 (Section 8-13.2 is supplemented with the following)
Must use once preceding any of the following:

8-13.2.OPT1.GR8 (Monument pipes included in work)
(March 13, 1995)
Must include with 8-13.1.OPT1.GR8.
Use in projects requiring that the monument pipes be installed by the Contractor.

8-13.3.GR8 Construction Requirements

8-13.3.INST1.GR8 (The last paragraph of Section 8-13.3 is revised to read)
Must use once preceding any of the following:

8-13.3.OPT1.GR8 (Monument pipes included in work)
(March 13, 1995)
Must include with 8-13.1.OPT1.GR8.
Use in projects requiring that the monument pipes be installed by the Contractor.

8-13.4.GR8 Measurement

8-13.4.INST1.GR8 (Section 8-13.4 is deleted and replaced by the following)
Must use once preceding any of the following:

8-13.4.OPT1.GR8 (Monument pipes included in work)
(March 13, 1995)
Must include with 8-13.1.OPT1.GR8.
Use in projects requiring that the monument pipes be installed by the Contractor.

8-13.5.GR8 Payment

8-13.5.INST1.GR8 (Section 8-13.5 is supplemented with the following)
Must use once preceding any of the following:
8-13.5.OPT1.GR8  (Monument pipes included in work)
(April 28, 1997)
Must include with 8-13.1.OPT1.GR8.
Use in projects requiring that the monument pipes be
installed by the Contractor.

8-14.GR8  Cement Concrete Sidewalks

8-14.3.GR8  Construction Requirements

8-14.3.INST1.GR8  (Section 8-14.3 is supplemented with the following)
Must use once preceding any of the following:

8-14.3.OPT1.GR8  (Pre-meeting for cement concrete sidewalks,
curb ramps or other pedestrian access routes to discuss
ADA issues before Work begins)
(April 4, 2011)
Use in projects where pedestrian access route Work
(cement concrete sidewalks, curb ramps other pedestrian
access) is proposed and it is felt that a pre-meeting on
ADA compliance is needed by Region Construction Office.

8-15.GR8  Riprap

8-15.4.GR8  Measurement

8-15.4.INST1.GR8  (Section 8-15.4 is supplemented with the following)
Must use once preceding any of the following:

8-15.4.OPT3.GR8  (Special excavation)
(March 13, 1995)
Must also use 8-15.5.OPT8.GR8.
Use in projects requiring excavation outside the limits of
structure excavation for riprap at bridge piers located
within streams.

8-15.4.OPT5.GR8  (Excavation for riprap is included in cost
of riprap)
(February 5, 2001)
Must also use 8-15.5.OPT1.GR8.
Use in projects with small quantities of riprap or upon
recommendation of the Construction and Materials
Division.

8-15.5.GR8  Payment

8-15.5.INST1.GR8  (The first sentence of the second paragraph of Section
8-15.5 is revised to read)
Must use once preceding any of the following:

8-15.5.OPT1.GR8  (Excavation for riprap is included in cost
of riprap)
(March 13, 1995)
Must include with 8-15.4.OPT5.GR8.
Use in projects with small quantities of riprap or upon recommendation of the Construction and Materials Division.

8-15.5.INST2.GR8  (Section 8-15.5 is supplemented with the following)
Must use once preceding the following:

8-15.5.OPT8.GR8  (Special excavation)
(Special excavation)
(September 30, 1996)
Must include with 8-15.4.OPT3.GR8.
Use in projects requiring excavation outside the limits of structure excavation for riprap at bridge piers located within streams.

8-16.GR8  Concrete Slope Protection

8-16.3.GR8  Construction Requirements

8-16.3(2).GR8  Placing Semi-Open Concrete Masonry Units

8-16.3(2).INST1.GR8  (Section 8-16.3(2) is supplemented with the following)
Must use once preceding any of the following:

8-16.3(2).OPT1.GR8  (Requirements for semi-open precast masonry units)
(December 19, 2005)
Must include with 8-16.5.OPT1.GR8.
Use in projects requiring semi-open concrete masonry slope protection.

8-16.5.GR8  Payment

8-16.5.INST1.GR8  (Section 8-16.5 is supplemented with the following)
Must use once preceding any of the following:

8-16.5.OPT1.GR8  (Semi-open Conc. Masonry Slope Protection)
(September 30, 1996)
Must include with 8-16.3(2).OPT1.GR8.
Use in projects requiring semi-open concrete masonry slope protection.

8-20.GR8  Illumination, Traffic Signal Systems, Intelligent Transportation Systems, and Electrical

8-20.2.GR8  Materials

8-20.2.INST1.GR8  (Section 8-20.2 is supplemented with the following)
Must use once preceding any of the following:

8-20.2(9-29.2).GR8  (Junction Boxes, Cable Vaults, and Pull Boxes)

8-20.2(9-29.2(1)A).GR8  (Standard Duty Junction Boxes)
(Section 9-29.2(1)A is supplemented with the following)
Must use once preceding any of the following:

8-20.2(9-29.2(1)A).OPT1.GR8 (January 7, 2013)
Use in projects with Concrete Junction Boxes requiring slip-resistant lids.

8-20.2(9-29.2(2)A).GR8 (Standard Duty Cable Vaults and Pull Boxes)
(Section 9-29.2(2)A is supplemented with the following)
Must use once preceding any of the following:

8-20.2(9-29.2(2)A).OPT1.GR8 (January 7, 2013)
Use in projects with Standard Duty Cable Vaults and Pull Boxes.

8-20.2(9-29.6).GR8 (Light and Signal Standards)
(Section 9-29.6 is supplemented with the following)
Must use once preceding any of the following:

8-20.2(9-29.6).OPT1.GR8 Light Standards With Type 1 Luminaire Arms
(January 5, 2015)
Use in projects requiring Type 1 luminaire arms and the Engineer is not required to verify the H1 distances shown in the Plans.

8-20.2(9-29.6).OPT2.GR8 Light Standards With Type 1 Luminaire Arms
(January 5, 2015)
Use in projects requiring Type 1 luminaire arms and H1 distances are not shown in the Plans or the Engineer is required to verify the H1 distances shown in the Plans.

8-20.2(9-29.6).OPT3.GR8 Light Standards With Type 2 Luminaire Arms
(January 5, 2015)
Use in projects requiring Type 2 luminaire arms and the Engineer is not required to verify the H1 distances shown in the Plans.

8-20.2(9-29.6).OPT4.GR8 Light Standards With Type 2 Luminaire Arms
(January 5, 2015)
Use in projects requiring Type 2 luminaire arms and H1 distances are not shown in the Plans or the Engineer is required to verify the H1 distances shown in the Plans.

8-20.2(9-29.6).OPT5.GR8 Traffic Signal Standards
(January 5, 2015)
Use in projects requiring traffic signal standards, or combination traffic signal/light standards with Type 1 luminaire arms, or both.

8-20.2(9-29.6).OPT6.GR8 Traffic Signal Standards
Use in projects requiring traffic signal standards, or combination traffic signal/light standards with Type 2 luminaire arms, or both.

**8-20.2(1).GR8**

**Equipment List and Drawings**

**8-20.2(1).INST1.GR8**

(Section 8-20.2(1) is supplemented with the following)

Must use once preceding any of the following:

**8-20.2(1).OPT1.GR8**

(Light standards when H1 dimension is shown on the Plans)

(March 13, 1995)

Use in projects with illumination systems and the lighting standard H1 dimension is shown in the Plans and verification by the Engineer is not required prior to fabrication.

**8-20.2(1).OPT2.GR8**

(Light standards when H1 dimension is not shown on the Plans or must be verified prior to fabrication)

(March 13, 1995)

Use in projects with illumination systems and the lighting standard H1 dimension is not shown in the Plans or the dimension shown in the Plans must be verified by the Engineer prior to fabrication.

**8-20.2(1).OPT3.GR8**

(Traffic signal standards, strain pole standards or combination traffic signal/lighting standards)

(March 13, 1995)

Use in projects with traffic signal systems when standards are to be installed.

**8-20.3.GR8**

**Construction Requirements**

**8-20.3(4).GR8**

**Foundations**

**8-20.3(4).INST1.GR8**

(Section 8-20.3(4) is supplemented with the following)

Must use once preceding any of the following:

**8-20.3(8).GR8**

**Wiring**

**8-20.3(8).INST1.GR8**

(Section 8-20.3(8) is supplemented with the following)

Must use once preceding any of the following:

**8-20.3(8).OPT1.GR8**

Field Wiring Chart

(March 13, 1995)

Use in projects with traffic signal systems.

**8-20.3(14).GR8**

**Signal Systems**

**8-20.3(14).INST1.GR8**

(Section 8-20.3(14) is supplemented with the following)

Must use once preceding any of the following:
8-20.3(14).OPT1.GR8 Uninterruptible Power Supply (UPS) (January 3, 2011)
With Region Traffic Engineer approval use in projects where Uninterruptible Power Supply (UPS) cabinets are required.

8-20.3(14)A.GR8 Signal Controllers

8-20.3(14)A.INST1.GR8 (Supplemental Instructions)
Must use once preceding any of the following:

8-20.3(14)A.OPT1.GR8 Testing (August 2, 2010)
Use in projects with Contractor furnished signal controllers.

8-20.5.GR8 Payment

8-20.5.INST1.GR8 (Section 8-20.5 is supplemented with the following)
Must use once preceding any of the following:

8-21.GR8 Permanent Signing

8-21.2.GR8 Materials

8-21.2(9-06.16).GR8 (Roadside Sign Structures) (Section 9-06.16 is supplemented with the following)
Must use once preceding the following:

8-21.2(9-06.16).OPT1.GR8 (January 3, 2011)
Use in projects with perforated steel square sign posts.

8-21.2(9-28.14).GR8 (Sign Support Structures) (Section 9-28.14 is supplemented with the following)
Must use once preceding any of the following:

Use in all projects that have steel sign support structures

8-21.2(9-28.14(2)).GR8 (Steel Structures and Posts) (Section 9-28.14(2) is supplemented with the following)
Must use once preceding any of the following:

8-21.3.GR8 Construction Requirements

8-21.3(9).GR8 Sign Structures

8-21.3(9)A.GR8 Fabrication of Sign Structures
8-21.3(9)A.INST1.GR8  (Section 8-21.3(9)A is supplemented with the following)
Must use once preceding any of the following:

8-21.3(9)A.OPT1.GB8  (Monotube Sign Structures)
(January 5, 2015)
Use in projects with monotube sign bridges and/or monotube cantilever sign structures painted with the conventional gray color (Federal Standard 595B No. 35247). Include with 8-21.2(9-28.14(2)).OPT1.BSP.GB8, 8-21.3(9)F.OPT1.BSP.GB8, and 8-21.4.OPT1.BSP.FB8. Include with 8-21.2(9-28.14(2)).OPT2.BSP.GB8 when sign structures are constructed with round tube or pipe.

8-21.3(9)A.OPT2.FB8  (Monotube Sign Structures)
(January 5, 2015)
Use in projects with monotube sign bridges and/or monotube cantilever sign structures painted a color other than the conventionally specified gray color. Include with 8-21.2(9-28.14(2)).OPT1.BSP.GB8, 8-21.3(9)F.OPT1.BSP.GB8, and 8-21.4.OPT1.BSP.FB8. Include with 8-21.2(9-28.14(2)).OPT2.BSP.GB8 when sign structures are constructed with round tube or pipe. The fill-in specifies the Federal Standard 595B color number, or the color name if no number.
(1 fill-in)

8-21.3(9)E.GR8  Bridge Mounted Sign Brackets

8-21.3(9)E.INST1.GR8  (Section 8-21.3(9)E is supplemented with the following)
Must use once preceding any of the following:

8-21.3(9)F.GR8  Foundations

8-21.3(9)F.INST1.GR8  (Section 8-21.3(9)F is supplemented with the following)
Must use once preceding any of the following:

8-21.4.GR8  Measurement

8-21.4.INST1.GR8  (Section 8-21.4 is supplemented with the following)
Must use once preceding any of the following:

8-21.5.GR8  Payment

8-21.5.INST1.GR8  (Section 8-21.5 is supplemented with the following)
Must use once preceding any of the following:
8-24.GR8 Rock and Gravity Block Wall, and Gabion Cribbing

8-24.2.GR8 Materials

8-24.2.INST1.GR8 (Section 8-24.2 is supplemented with the following)
Must use once preceding any of the following:

8-24.2.OPT1.GR8 (Gravity Block Wall)
(January 7, 2002)
Use in projects constructing gravity block walls. Include with 8-24.3(2).OPT1.GR8.

8-24.3.GR8 Construction Requirements

8-24.3(2).GR8 Gravity Block Wall

8-24.3(2).INST1.GR8 (Section 8-24.3(2) is supplemented with the following)
Must use once preceding any of the following:

8-24.3(2).OPT1.GR8 (Gravity Block Wall)
(January 7, 2002)
Use in projects constructing gravity block walls. Include with 8-24.2.OPT1.GR8.

8-25.GR8 Glare Screen

8-25.1.GR8 Description

8-25.1.INST1.GR8 (Section 8-25.1 is supplemented with the following)
Must use once preceding any of the following:

8-25.1.OPT1.GR8 (April 1, 2002)
Use in projects when the work zone analysis determines the need for temporary barrier screening.
8-25.2.OPT1.GR8, 8-25.3.OPT1.GR8, 8-25.4.OPT1.GR8, and 8-25.5.OPT1.GR8.

8-25.2.GR8 Materials

8-25.2.INST1.GR8 (Section 8-25.2 is supplemented with the following)
Must use once preceding any of the following:

8-25.2.OPT1.GR8 (April 1, 2002)
Use in projects when the work zone analysis determines the need for temporary barrier screening.
Must use with 8-25.1.OPT1.GR8, 8-25.3.OPT1.GR8, 8-25.4.OPT1.GR8, and 8-25.5.OPT1.GR8.

8-25.3.GR8 Construction Requirements

8-25.3.INST1.GR8 (Section 8-25.3 is supplemented with the following)
Must use once preceding any of the following:
8-25.3.OPT1.GR8 (April 1, 2002)
Use in projects when the work zone analysis determines the need for temporary barrier screening.
8-25.1.OPT1.GR8, 8-25.2.OPT1.GR8, 8-25.4.OPT1.GR8, and 8-25.5.OPT1.GR8.

8-25.4.GR8 Measurement

8-25.4.INST1.GR8 (Section 8-25.4 is supplemented with the following)
Must use once preceding any of the following:

8-25.4.OPT1.GR8 (April 1, 2002)
Use in projects when the work zone analysis determines the need for temporary barrier screening.
8-25.1.OPT1.GR8, 8-25.2.OPT1.GR8, 8-25.3.OPT1.GR8, and 8-25.5.OPT1.GR8.

8-25.5.GR8 Payment

8-25.5.INST1.GR8 (Section 8-25.5 is supplemented with the following)
Must use once preceding any of the following:

8-25.5.OPT1.GR8 (April 1, 2002)
Use in projects when the work zone analysis determines the need for temporary barrier screening.
8-25.1.OPT1.GR8, 8-25.2.OPT1.GR8, 8-25.3.OPT1.GR8, and 8-25.5.OPT1.GR8.

8-29.GR8 Wire Mesh Slope Protection

8-29.1.GR8 Description

8-29.1.INST1.GR8 (Section 8-29.1 is supplemented with the following)
Must use once preceding any of the following:

8-29.1.OPT1.GR8 (Cable Net Slope Protection)
(April 5, 2010)
Use in projects with cable net slope protection. Include with 8-29.2.OPT1.GR8, 8-29.3.OPT1.GR8, 8-29.4.OPT1.GR8 and 8-29.5.OPT1.GR8.

8-29.2.GR8 Materials

8-29.2.INST1.GR8 (Section 8-29.2 is supplemented with the following)
Must use once preceding any of the following:

8-29.2.OPT1.GR8 (Cable Net Slope Protection Materials)
(April 2, 2012)
Use in projects with cable net slope protection. Include with 8-29.1.OPT1.GR8, 8-29.3.OPT1.GR8, 8-29.4.OPT1.GR8 and 8-29.5.OPT1.GR8.
8-29.3.GR8  Construction Requirements

8-29.3.INST1.GR8  (Section 8-29.3 is supplemented with the following) Must use once preceding any of the following:

8-29.3.OPT1.GR8  (Cable Net Slope Protection Construction Requirements) (January 3, 2011) Use in projects with cable net slope protection. Include with 8-29.1.OPT1.GR8, 8-29.2.OPT1.GR8, 8-29.4.OPT1.GR8 and 8-29.5.OPT1.GR8.

8-29.4.GR8  Measurement

8-29.4.INST1.GR8  (Section 8-29.4 is supplemented with the following) Must use once preceding any of the following:

8-29.4.OPT1.GR8  (Cable Net Slope Protection) (April 5, 2010) Use in projects with cable net slope protection. Include with 8-29.1.OPT1.GR8, 8-29.2.OPT1.GR8, 8-29.3.OPT1.GR8, and 8-29.5.OPT1.GR8.

8-29.5.GR8  Payment

8-29.5.INST1.GR8  (Section 8-29.5 is supplemented with the following) Must use once preceding any of the following:

8-29.5.OPT1.GR8  (Cable Net Slope Protection) (January 3, 2011) Use in projects with cable net slope protection. Include with 8-29.1.OPT1.GR8, 8-29.2.OPT1.GR8, 8-29.3.OPT1.GR8, and 8-29.4.OPT1.GR8.

8-SA1.GR8  Field Office Building  (March 13, 1995) Use in projects when a field office building is required.


8-SA3.GR8  (Environmental Compliance) (January 7, 2013) For use on projects where the project has a high risk of soil erosion due to soil type, slope gradient and work in or has proximity to waters of the State (Temporary Erosion and Sediment Control Manual (TESC) defines projects susceptible for high risk soil erosion). Also for use on projects where there is extensive monitoring of environmental permit compliance. The Region Construction Engineer and Region Environmental Office should be consulted for use as the provision introduces an
Environmental Compliance Lead person that incorporates, expands and replaces the duties of the ESC Lead person.
Must include 8-01.3(1)B.OPT1.GR8