

1	<a href="#"><u>DIVISION2.GR2</u></a>	<b>EARTHWORK</b>
2		
3	<a href="#"><u>01.GR2</u></a>	<b>CLEARING, GRUBBING, AND ROADSIDE CLEANUP</b>
4		
5	<a href="#"><u>0101.GR2</u></a>	<b>Description</b>
6		
7	<a href="#"><u>01011.FR2</u></a>	(Clearing and Grubbing)
8		(March 13, 1995)
9		Use when the payment for clearing and grubbing is either
10		lump sum or included in other work.
11		(1 fill-in) (Fill-in describes the longitudinal and lateral limits
12		of clearing and grubbing)
13		
14	<a href="#"><u>0103.GR2</u></a>	<b>Construction Requirements</b>
15		
16	<a href="#"><u>01031.GR2</u></a>	<b>Roadside Cleanup</b>
17		
18	<a href="#"><u>010311.FR2</u></a>	(Roadside Cleanup)
19		(January 5, 1998)
20		Use if additional work is required under the item
21		"Roadside Cleanup".
22		(fill-ins)
23		
24	<a href="#"><u>0105.GR2</u></a>	<b>Payment</b>
25		
26	<a href="#"><u>01051.FR2</u></a>	(Clearing and Grubbing)
27		(January 5, 1998)
28		<i>Must be used with <b>01011.FR2</b> when the payment for</i>
29		<i>clearing and grubbing is included in other work.</i>
30		(1 fill-in)
31		
32	<a href="#"><u>02.GR2</u></a>	<b>REMOVAL OF STRUCTURES AND OBSTRUCTIONS</b>
33		
34	<a href="#"><u>0201.GR2</u></a>	<b>Description</b>
35		
36	<a href="#"><u>02011.GR2</u></a>	(Removal of Misc. Traffic Items)
37		(March 13, 1995)
38		<i>Must also use <b>02032.FR2</b> and <b>02052.GR2</b></i>
39		Use in projects requiring the removal of minor quantities of
40		miscellaneous traffic items such as traffic islands, traffic
41		curb, lane markers, plastic traffic buttons, guide posts, etc.
42		when there is no pay item for Removal of Structures and
43		Obstructions and the cost of removing each type of item is
44		under \$5,000.
45		
46	<a href="#"><u>02013.FR2</u></a>	(Asbestos Handling and Removal)
47		(March 13, 1995)
48		<i>Must also use <b>020342.GR2</b> and <b>020511.GR2</b>.</i>
49		Use in projects when asbestos removal is required.
50		(1 fill-in)
51		

1	<a href="#">02014.GR2</a>	(Removing Portions of Existing Box Culvert)
2		(March 13, 1995)
3		Use in projects requiring removal of portions of existing box
4		culverts prior to extending or widening the structure.
5		Include with <b>02030207.GB2</b> , <b>02035.GR2</b> , <b>02203.GB6</b> ,
6		<b>02324C1.GB6</b> , <b>02324C2.GR6</b> , <b>025C1.GB6</b> , and either
7		<b>020512.GR2</b> or <b>020515.GR2</b> .
8		
9	<a href="#">02015.GR2</a>	(Asbestos Handling and Removal)
10		(September 30, 1996)
11		<i>Must also use 020341.GR2 and 020514.GR2.</i>
12		Use in projects when there is a reason to suspect asbestos
13		may be encountered.
14		
15	<a href="#">0203.GR2</a>	<b>Construction Requirements</b>
16		
17	<a href="#">02031.FR2</a>	<b>Removal of Obstructions</b>
18		(February 17, 1998)
19		Use <i>except</i> when the combined cost of all obstruction
20		removal is \$5,000 or less and payment is to be included in
21		other payment items.
22		
23		Removal of obstructions that are readily measurable and
24		for which the cost of removal is \$5,000 or less per
25		obstruction may be included in this pay item.
26		
27		Removal of obstructions that are not readily measurable,
28		such as foundations, may be included in this item
29		regardless of the removal cost.
30		
31		List all items and approximate quantities to be removed
32		under "Removal of Structure and Obstruction".
33		(1 fill-in)
34		
35	<a href="#">02032.FR2</a>	<b>Removing Miscellaneous Traffic Items</b>
36		(March 13, 1995)
37		<i>Must include with 02011.GR2.</i>
38		
39	<a href="#">02033.FR2</a>	<b>Removal and Disposal of Hazardous Material</b>
40		(August 1, 2005)
41		<i>Must also use 02041.GR2 and 0205A1.GR2.</i> Use only for
42		subsurface removal of known or suspected hazardous or
43		contaminated material. Fill-in is for type of material, depth
44		of contamination in soil, and depth of contamination in
45		water. Fill-in information is to be provided by the Region
46		Environmental Staff.
47		(1 fill-in)
48		
49	<a href="#">020341.GR2</a>	<b>Asbestos Handling and Disposal</b>
50		(September 30, 1996)
51		<i>Must include with 02015.GR2.</i>
52		
53	<a href="#">020342.GR2</a>	<b>Asbestos Handling and Disposal</b>
54		(September 30, 1996)
55		<i>Must include with 02013.FR2.</i>

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[020350.FB2](#)

(Salvage of Removed Structure Items)  
(June 26, 2000)

Use when removal items are to remain the property of the Contracting Agency. The first fill-in specifies the salvaged items. The second fill-in specifies the name and address (street address or highway milepost) of the material storage site. Include with **02030205.GB2**, either **02030201.FB2**, **02030202.FB2**, or **02030203.FB2**, either **020302091.GB2** or **020302092.FB2**, and either **02053.GB2** or **02054.GB2**.  
(2 fill-ins)

[020302.GB2](#)

**Removal of Bridges, Box Culverts, and other Drainage Structures**

[02030201.FB2](#)

(Removing Existing Bridge)  
(June 26, 2000)

Use in projects requiring the removal of existing bridge(s) in one stage. The first fill-in specifies the bridge(s). The second fill-in specifies where traffic is directed (onto the detour route or bridge, onto the new bridge, etc.). Include with **02030205.GB2**, either **020302091.GB2** or **020302092.FB2**, and **02053.GB2**. Include with **07012.FR1** if the bridge being removed has steel members with lead paint.  
(2 fill-ins)

[02030202.FB2](#)

(Removing Existing Bridge)  
(June 26, 2000)

Use in projects requiring the removal of existing bridge(s) in two or more stages. The fill-in specifies the bridge(s). Include with **02030205.GB2**, **02030207.GB2**, **020302091.GB2**, and **02053.GB2**. Include with **07012.FR1** if the bridge being removed has steel members with lead paint.  
(1 fill-in)

[02030203.FB2](#)

(Removing Portion of Existing Bridge)  
(June 26, 2000)

Use in projects requiring the removal of portions of existing bridge(s). The first fill-in specifies the bridge(s). The second fill-in specifies the portions being removed. Include with **02030205.GB2**, **02030207.GB2**, **020302091.GB2**, and **02054.GB2**. Include with **07012.FR1** if the bridge being partially removed has steel members with lead paint.  
(2 fill-ins)

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[02030204.GB2](#)

(Plans of Existing Bridge)  
(June 26, 2000)  
Use in projects requiring the removal of existing bridge(s) or of portions of bridge(s) when plans of the existing bridge(s) are available. Include with **02030205.GB2**, either **02030201.FB2**, **02030202.FB2**, or **02030203.FB2**, either **020302091.GB2** or **020302092.FB2**, and either **02053.GB2** or **02054.GB2**.

[02030205.GB2](#)

(Bridge Demolition Plan)  
(June 26, 2000)  
Use in projects requiring the removal of bridge(s) or of portions of bridge(s). Include with either **02030201.FB2**, **02030202.FB2**, or **02030203.FB2**, either **020302091.GB2** or **020302092.FB2**, and either **02053.GB2** or **02054.GB2**. Include with **020302051.GB2** if removal of a truss bridge is involved. Include with **07012.FR1** if the bridge involved has steel members with lead paint.

[020302051.GB2](#)

(Truss Removal Plan)  
(April 3, 2006)  
Use in projects requiring removal of existing steel truss bridges. Include with **02030205.GB2**. Include with **07012.FR1** if the bridge involved has steel members with lead paint.

[02030206.FB2](#)

(Removal in Water)  
(June 26, 2000)  
Use in projects requiring the removal of existing bridge(s) when removal involves piers within the wetted perimeter of a stream, lake or bay. The first fill-in specifies the bridge(s). The second and fourth fill-ins specify the body of water. The third fill-in specifies the elevation of the removal level. Include with **02030205.GB2**, either **02030201.FB2**, **02030202.FB2**, or **02030203.FB2**, either **020302091.GB2** or **020302092.FB2**, and either **02053.GB2** or **02054.GB2**.

[02030207.GB2](#)

(Removing Portions of Existing Concrete)  
(August 3, 2009)  
Use in projects requiring removal of portions of existing concrete. For bridges, include with **02030205.GB2**, either **02030202.FB2** or **02030203.FB2**, **020302091.GB2**, and either **02053.GB2** or **02054.GB2**. Include with **07012.FR1** if the bridge involved has steel members with lead paint. For box culverts, include with **02014.GR2**, **02035.GR2**, **02203.GB6**, **02324C1.GB6**, **02324C2.GR6**, **025C1.GB6**, and either **020512.GR2** or **020515.GR2**.

1	<a href="#"><u>02030208.GB2</u></a>	(Removing Portions of Existing Concrete Without Replacement)
2		(August 1, 2005)
3		Use in projects requiring removal of portions of existing concrete where the face of removal is permanently exposed. Include with <b>02030203.FB2</b> , <b>02030205.GB2</b> , <b>02030207.GB2</b> , <b>020302091.GB2</b> , and <b>02054.GB2</b> .
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9	<a href="#"><u>02030209.GB2</u></a>	(Use of Explosives)
10		(June 26, 2000)
11		<i>Must use once in all bridge removal projects, preceding one of the following:</i>
12		
13		
14	<a href="#"><u>020302091.GB2</u></a>	(Explosives Prohibited)
15		(June 26, 2000)
16		Use in <b>all</b> projects requiring removal of existing bridges <b>except</b> when use of explosives is permitted. Include with <b>02030205.GB2</b> , either <b>02030201.FB2</b> , <b>02030202.FB2</b> , or <b>02030203.FB2</b> , and either <b>02053.GB2</b> or <b>02054.GB2</b> . Include with <b>07012.FR1</b> if the bridge involved has steel members with lead paint.
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24	<a href="#"><u>020302092.FB2</u></a>	(Structure Removal By Explosives)
25		(August 1, 2005)
26		Use in projects requiring removal of existing bridges only if explosives may be used. The fill-in specifies the bridge where the use of explosives is permitted for removal operations. Include with <b>02030201.FB2</b> , <b>02030205.GB2</b> , and <b>02053.GB2</b> . Include with <b>07012.FR1</b> if the bridge involved has steel members with lead paint.
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33		(1 fill-in)
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35	<a href="#"><u>02030210.GB2</u></a>	(Requirements for Closing Bridge Prior to Removal)
36		(August 6, 2007)
37		Use in projects requiring removal of existing bridges when it is necessary to close the bridge to traffic in order to complete removal as soon as possible. Include with <b>02030201.FB2</b> , <b>02030205.GB2</b> , <b>02053.GB2</b> , and either <b>020302091.GB2</b> or <b>020302092.FB2</b> . Include with <b>07012.FR1</b> if the bridge involved has steel members with lead paint.
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1	<a href="#"><u>02035.GR2</u></a>	(Removing Portions of Existing Box Culvert)
2		(June 26, 2000)
3		Use in projects requiring removal of portions of existing
4		box culverts prior to extending or widening the
5		structure. Include with <b>02014.GR2</b> , <b>02030207.GB2</b> ,
6		<b>02203.GB6</b> , <b>02324C1.GB6</b> , <b>02324C2.GR6</b> , and
7		<b>025C1.GB6</b> , and either <b>020512.GR2</b> or <b>020515.GR2</b> .
8		
9	<a href="#"><u>02036.FR2</u></a>	<b>Removal of Pavement, Sidewalks, Curbs, and</b>
10		<b>Gutters</b>
11		(September 8, 1997)
12		Include in projects when removal of pavement is outside the
13		limits of roadway excavation, and the removal is to be paid
14		by the square yard.
15		<i>Must also use <b>02043.GR2</b> and <b>020513.FR2</b>.</i>
16		(2 fill-ins)
17		
18	<a href="#"><u>0204.GR2</u></a>	<b>Measurement</b>
19		
20	<a href="#"><u>02041.GR2</u></a>	(Removal and Disposal of Hazardous Material)
21		(December 4, 2006)
22		<i>Must include with <b>02033.FR2</b> and <b>0205A1.GR2</b>.</i>
23		
24	<a href="#"><u>02043.GR2</u></a>	(Pavement Removal)
25		(September 8, 1997)
26		<i>Must include with <b>02036.FR2</b>.</i>
27		
28	<a href="#"><u>02044.GR2</u></a>	(Sidewalk Removal)
29		(October 25, 1999)
30		Include in projects when removal of sidewalk is outside the
31		limits of roadway excavation, and the removal is to be paid
32		by the square yard.
33		<i>Must include with <b>020516.FR2</b>.</i>
34		
35	<a href="#"><u>02045.GR2</u></a>	(Curb Removal)
36		(September 8, 1997)
37		Include in projects when removal of curb is outside the
38		limits of roadway excavation, and the removal is to be paid
39		by the linear foot.
40		<i>Must include with <b>020517.FR2</b>.</i>
41		
42	<a href="#"><u>0205.GR2</u></a>	<b>Payment</b>
43		
44	<a href="#"><u>02051.FR2</u></a>	(Removal of structures and obstructions
45		included in other work)
46		(June 26, 2000)
47		(1 fill-in)
48		
49	<a href="#"><u>0205A.GR2</u></a>	<i>Must use once, preceding one of the following:</i>
50		
51	<a href="#"><u>0205A1.GR2</u></a>	(Removal and Disposal of Hazardous Material)
52		(December 4, 2006)
53		<i>Must include with <b>02033.FR2</b> and <b>02041.GR2</b>.</i>

1		
2	<a href="#"><u>02052.GR2</u></a>	(Removing Miscellaneous Traffic Items)
3		(September 30, 1996)
4		<i>Must include with <b>02011.GR2</b>.</i>
5		
6	<a href="#"><u>02053.GB2</u></a>	(Removing Existing Bridge)
7		(June 26, 2000)
8		Use in projects requiring the removal of existing bridge(s).
9		Include with <b>02030205.GB2</b> , either <b>020302091.GB2</b> or
10		<b>020302092.FB2</b> and either <b>02030201.FB2</b> or
11		<b>02030202.FB2</b> . Include with <b>07012.FR1</b> if the bridge
12		involved has steel members with lead paint.
13		
14	<a href="#"><u>02054.GB2</u></a>	(Removing Portion of Existing Bridge)
15		(June 26, 2000)
16		Use in projects requiring the removal of portions of existing
17		bridge(s). Include with <b>02030203.FB2</b> , <b>02030205.GB2</b> ,
18		<b>02030207.GB2</b> , and <b>020302091.GB2</b> . Include with
19		<b>07012.FR1</b> if the bridge involved has steel members with
20		lead paint.
21		
22	<a href="#"><u>020511.GR2</u></a>	(Removal and Disposal of Asbestos Material)
23		(September 30, 1996)
24		<i>Must include with <b>02013.FR2</b>.</i>
25		
26	<a href="#"><u>020512.GR2</u></a>	(Removing Portion of Conc. Box Culvert)
27		(June 26, 2000)
28		Use in projects requiring removal of portions of existing box
29		culverts prior to extending or widening the structure.
30		Include with <b>02014.GR2</b> , <b>02030207.GB2</b> , <b>02035.GR2</b> ,
31		<b>02203.GB6</b> , <b>02324C1.GB6</b> , <b>02324C2.GR6</b> , and
32		<b>025C1.GB6</b> .
33		
34	<a href="#"><u>020513.FR2</u></a>	(Pavement Removal)
35		(September 30, 1996)
36		<i>Must include with <b>02036.FR2</b>.</i>
37		(1 fill-in)
38		
39	<a href="#"><u>020514.GR2</u></a>	(Asbestos removal as changed condition)
40		(September 30, 1996)
41		<i>Must include with <b>02015.GR2</b>.</i>
42		
43	<a href="#"><u>020515.GR2</u></a>	(Removal of portions of box culvert)
44		(June 26, 2000)
45		Use in projects requiring removal of portions of existing box
46		culverts prior to extending or widening the structure.
47		Include with <b>02014.GR2</b> , <b>02030207.GB2</b> , <b>02035.GR2</b> ,
48		<b>02203.GB6</b> , <b>02324C1.GB6</b> , <b>02324C2.GR6</b> , and
49		<b>025C1.GB6</b> .
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1	<a href="#">020516.FR2</a>	(Sidewalk Removal)
2		(November 3, 1999)
3		<i>Must include with 02044.GR2</i>
4		(1 fill-in)
5		
6	<a href="#">020517.FR2</a>	(Removal of portions of Curb)
7		(September 8, 1997)
8		<i>Must include with 02045.GR2</i>
9		(1 fill-in)
10		
11	<b><a href="#">03.GR2</a></b>	<b>ROADWAY EXCAVATION AND EMBANKMENT</b>
12		
13	<a href="#">0303.GR2</a>	<b>Construction Requirements</b>
14		
15	<a href="#">030307.GR2</a>	<b>Disposal of Surplus Material</b>
16		
17	<a href="#">030307A.GR2</a>	(Supplemental Information)
18		<i>Must use preceeding 0303071.FR2, 0303072.FR2,</i>
19		<i>0303073.GR2, and 0303074.GR2.</i>
20		
21	<a href="#">0303071.FR2</a>	(Contracting Agency furnished waste site)
22		(March 13, 1995)
23		Use in projects with Contracting Agency provided
24		waste sites.
25		(1 fill-in)
26		
27	<a href="#">0303072.FR2</a>	(Waste material by embankment widening)
28		(March 13, 1995)
29		Use in projects where the Contracting Agency specifies
30		embankments to be widened.
31		(2 fill-ins)
32		
33	<a href="#">0303073.GR2</a>	(Contracting Agency provided sites are
34		not mandatory)
35		(March 13, 1995)
36		<i>Use, when applicable, with 0303071.FR2 or</i>
37		<i>0303072.FR2.</i>
38		
39	<a href="#">0303074.GR2</a>	(Contracting Agency provided sites are
40		not of sufficient size)
41		(March 13, 1995)
42		<i>Use, when applicable, with 0303071.FR2 or</i>
43		<i>0303072.FR2.</i>
44		
45	<a href="#">030314.GR2</a>	<b>Embankment Construction</b>
46		
47	<a href="#">030314C1.GR2</a>	<b>Compacting Earth Embankments</b>
48		(March 13, 1995)
49		Use in projects when no payment for embankment
50		compaction (Method A) is included.
51		

1	<a href="#">03031411.FB2</a>	<b>Embankments At Bridge And Trestle Ends</b>
2		(March 13, 1995)
3		Use in projects when the bridge approach
4		embankments must be constructed before the end
5		piers.
6		(2 fill-ins)
7		
8	<a href="#">0304.GR2</a>	<b>Measurement</b>
9		
10	<a href="#">03041.GR2</a>	("Embankment In Place")
11		(March 13, 1995)
12		<i>Must also include 03051.GR2.</i>
13		Use in projects that require embankment widening for beam
14		guardrail and no other grading pay items are included in the
15		contract to construct the widening.
16		
17	<a href="#">03042.GR2</a>	(Measurement of roadway excavation and
18		embankment)
19		(March 13, 1995)
20		<i>Must include with 050412.GR1, Contractor surveying -</i>
21		<i>roadway. May be used without Contractor surveying.</i>
22		
23	<a href="#">03043.GR2</a>	(Measurement of roadway excavation and
24		embankment)
25		(March 13, 1995)
26		Use in minor grading projects when the original cross-
27		sections are satisfactory for construction payment.
28		
29	<a href="#">0305.GR2</a>	<b>Payment</b>
30		
31	<a href="#">03051.GR2</a>	("Embankment In Place")
32		(September 30, 1996)
33		<i>Must include with 03041.GR2.</i>
34		
35	<a href="#">03052.FR2</a>	(Preparation of waste sites)
36		(March 13, 1995)
37		Use in projects when the preparation of waste sites is
38		included in other work.
39		(1 fill-in)
40		
41	<a href="#">06.GR2</a>	<b>SUBGRADE PREPARATION</b>
42		
43	<a href="#">0603.GR2</a>	<b>Construction Requirements</b>
44		
45	<a href="#">060301.GR2</a>	<b>Subgrade For Surfacing</b>
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[0603011.GR2](#)

(Subgrade trimmer required)  
(March 13, 1995)  
Use in projects where a treated base or pavement will be placed directly on the subgrade.  
The project should include a bid item for "Gravel Borrow Including Haul" or "Borrow Excavation Including Haul" to ensure that sufficient fine material is available for trimming.

[0603012.GR2](#)

(Subgrade trimmer not required)  
(March 13, 1995)  
Use in grading-only projects where a treated base is planned for construction on a future project.  
The project should include a bid item for "Gravel Borrow Including Haul" or "Borrow Excavation Including Haul" to ensure that sufficient fine material is available for trimming. The position of the future treated base is to shown on the plans.

**[09.GR2](#)**

**STRUCTURE EXCAVATION**

**[0903.GR2](#)**

**Construction Requirements**

**[090301C.GR2](#)**

**Removal Of Unstable Base Material**

**[090301C1.FB2](#)**

(Soils that tend to liquify)  
(March 13, 1995)  
Use in bridge projects in where soil in the bottom of footing excavation will tend to liquify.  
(1 fill-in)

**[090301C2.GB2](#)**

(Removal of unsatisfactory foundation material)  
(January 3, 2006)  
*Must also use 09051.GB2.*  
Use in bridge projects where the removal of unsatisfactory material under spread footings may be required even though the soils report does not require removal.

**[090303D.GR2](#)**

**Shoring And Cofferdams**

**[090303D1.GB2](#)**

(Protecting existing pavement)  
(March 13, 1995)  
Use in projects when bridges are over or adjacent to existing highways.

1	<a href="#">090303D2.GB2</a>	(Protecting RR tracks)
2		(March 13, 1995)
3		Use in projects when bridges are over or adjacent to
4		existing railroad tracks.
5		
6	<a href="#">090303D3.FB2</a>	<i>Use with <b>090303D2.GB2</b> when construction is</i>
7		<i>required near railroad tracks, or structures which</i>
8		<i>require extensive shoring.</i>
9		(March 13, 1995)
10		(3 fill-ins)
11		
12	<a href="#">0904.GR2</a>	<b>Measurement</b>
13		
14	<a href="#">09041.GB2</a>	(Additional structure excavation under
15		girders at end piers)
16		(March 13, 1995)
17		Use in projects where excavation is required outside of
18		normal structure excavation limits for end pier footings.
19		
20	<a href="#">0905.GR2</a>	<b>Payment</b>
21		
22	<a href="#">09051.GB2</a>	(Lean concrete for backfilling)
23		(March 13, 1995)
24		
25	<a href="#">12.GR2</a>	<b>CONSTRUCTION GEOTEXTILE</b>
26		
27	<a href="#">1201.GR2</a>	<b>Description</b>
28		
29	<a href="#">12012.GR2</a>	<b>Geosynthetic Reinforced Slope</b>
30		(November 17, 1997)
31		Use in projects requiring geosynthetic reinforced slopes.
32		Slope design should be performed by the Olympia Service
33		Center Materials Laboratory or a geotechnical consultant.
34		Use details from DETAILS.CEL Library; D225, D229, D230,
35		and D230A or D230B.
36		
37	<a href="#">1202.GR2</a>	<b>Materials</b>
38		
39	<a href="#">12022.GR2</a>	<b>Borrow</b>
40		
41	<a href="#">120222.FR2</a>	<b>Borrow for Geosynthetic Reinforced Slopes</b>
42		(November 17, 1997)
43		Use in projects requiring geosynthetic reinforced
44		slopes.
45		(1 fill-in)
46		
47	<a href="#">12023.GR2</a>	<b>Cold Drawn Wire</b>
48		(November 17, 1997)
49		Use in projects where welded wire faced geosynthetic
50		reinforced slopes are specified.
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[12024.GR2](#)

**Seed**

(November 17, 1997)

Use in projects where turf reinforcement mat or welded wire faced geosynthetic reinforced slopes are specified.

[12026.GR2](#)

**Geotextile Properties For Retaining Walls and Reinforced Slopes**

[120264.FR2](#)

**Geosynthetic Properties for Reinforced Slopes**

(April 5, 2004)

Use in projects requiring geosynthetic reinforced slopes. The slope class must be identified in fill-in 6 based on the following: Class 1 is typically reinforced slopes which support bridge abutments, buildings, critical utilities, or other facilities which the consequences of poor performance or failure would be severe. In general, slopes greater than 30 feet in height. Class 2 is all reinforced slopes not categorized as Class 1.

(6 fill-ins)

[120265.GR2](#)

**Geosynthetic Properties for Turf Reinforcement Mat**

(April 5, 2004)

Use in projects where geosynthetic reinforced slopes with a turf reinforcement mat facing are specified.

[12027.GR2](#)

**Source Approval**

[120273.GR2](#)

**Geosynthetic Reinforced Slope Primary Reinforcement**

(April 5, 2004)

Use in projects requiring geosynthetic reinforced slopes.

[120274.GR2](#)

**Geosynthetic Reinforced Slope Secondary Reinforcement**

(April 5, 2004)

Use in projects where geosynthetic reinforced slopes with secondary reinforcement are specified.

[120275.GR2](#)

**Geosynthetic Reinforced Slope Turf Reinforcement Mat**

(November 17, 1997)

Use in projects where geosynthetic reinforced slopes with turf reinforcement mat facing are specified.

[12028.GR2](#)

**Acceptance Samples**

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[120283.GR2](#)

**Geosynthetic Reinforced Slope Primary Reinforcement**

(November 17, 1997)

Use in projects requiring geosynthetic reinforced slopes.

[120284.GR2](#)

**Geosynthetic Reinforced Slope Secondary Reinforcement**

(April 5, 2004)

Use in projects where geosynthetic reinforced slopes with secondary reinforcement are specified.

[120285.GR2](#)

**Geosynthetic Reinforced Slope Turf Reinforcement Mat**

(November 17, 1997)

Use in projects where geosynthetic reinforced slopes with turf reinforcement mat facing are specified.

[12029.GR2](#)

**Acceptance by Certificate of Compliance**

[120292.GR2](#)

**Reinforced Slope**

(November 17, 1997)

Use in projects requiring geosynthetic reinforced slopes.

[1203.GR2](#)

**Construction Requirements**

[12034.GR2](#)

**Geosynthetic Reinforced Slope Construction Requirements**

(November 17, 1997)

Use in projects requiring geosynthetic reinforced slopes. Slope facing options which include vegetative cover should only be used at sites where the average annual precipitation is 20 inches or more.

[12035.GR2](#)

**Turf Reinforced Mat Facing Construction**

(November 17, 1997)

Use in projects requiring geosynthetic reinforced slopes with turf reinforcement mat facing. In general, use for slopes no steeper than 1.2H:1V.

[12036.GR2](#)

**Geosynthetic Wrapped Slope Facing Construction**

(November 17, 1997)

Use in projects requiring geosynthetic reinforced slopes with geosynthetic wrapped facing. Because of planting requirements, do not use this option for sites where the elevation is over 1500 feet. In general, use for slopes no steeper than 1H:1V.

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[12037.GR2](#)

**Welded Wire Facing Construction**

(November 17, 1997)

Use in projects requiring geosynthetic reinforced slopes with welded wire facing. In general, use for slopes no steeper than 1H:2V.

[12038.GR2](#)

**Installing Guardrail Posts in Geosynthetic Reinforced Slopes**

(November 17, 1997)

Use in projects requiring guardrail on geosynthetic reinforced slopes.

[1204.GR2](#)

**Measurement**

[12042.FR2](#)

(Geosynthetic Reinforced Slope)

(January 5, 1998)

Use in projects requiring geosynthetic reinforced slopes.

(1 fill-in)

[1205.GR2](#)

**Payment**

[12052.FR2](#)

(Geosynthetic Reinforced Slope)

(November 17, 1997)

Use in projects requiring geosynthetic reinforced slopes.

(1 fill-in)