



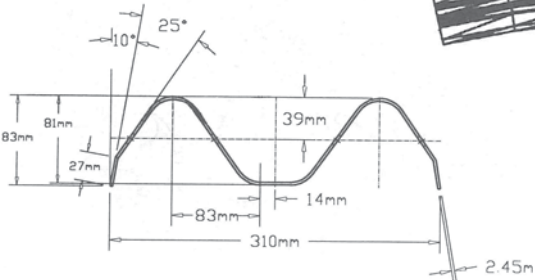
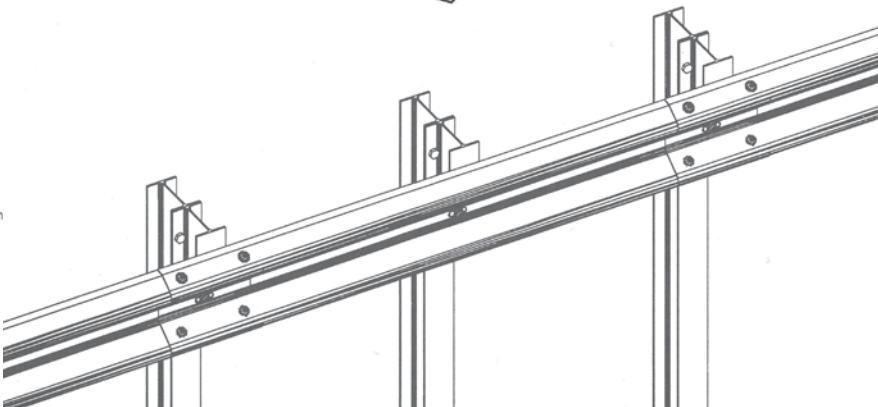
Protect the irreplaceable
Guardrail ■ Fencing ■ Vineyard stakes

Guardrail and accessories catalog

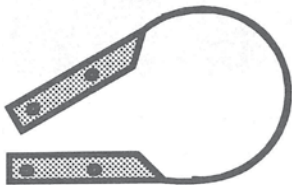
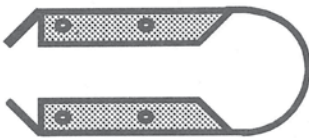
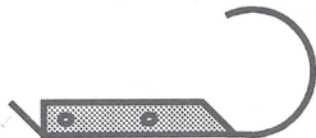
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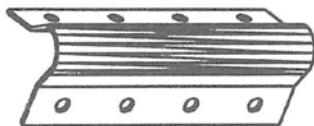
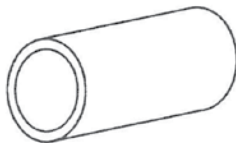
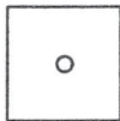
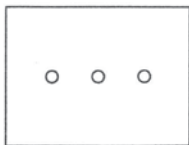
Steel beam guardrails

Description	Product code	Weight in lbs
3.81 m galvanized steel beam guardrail slotted at 0.95 m c/c 	glis-9500	91.0
3.81 m galvanized steel beam guardrail slotted at 1.9 m c/c 	glis-1900	91.0
1.9 m galvanized steel beam guardrail slotted at 1.9 m c/c 	glis-1900-2	45.5
3.81 m galvanized anchor steel beam guardrail 	glis-1900anc	91.0
3.81 m galvanized curved steel beam guardrail   	glis-1900courb	91.0

Guardrail end sections for speeds LESS than 50 km/h

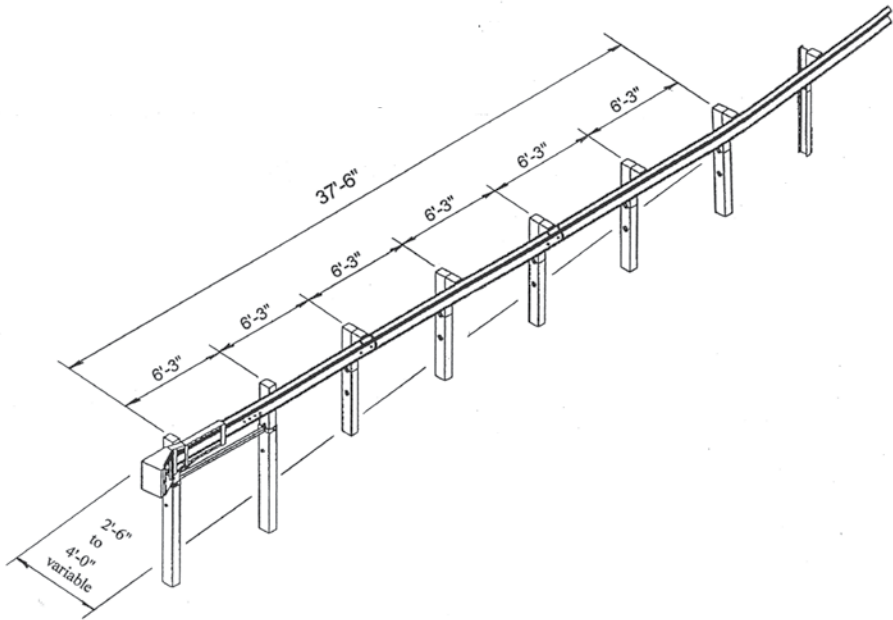
Description	Product code	Weight in lbs
Galvanized flared end section- Type 1	ext-b.effile	17.6
		
Galvanized double buffer (BCT) end section - Type 2A	ext-s.ronde	46.3
		
Galvanized bent lip shoe for double buffer (BCT) - Type 2A	ext-s.plate	17.6
		
Galvanized median buffer end section - Type 2B	ext-b.rond	30.9
		
Galvanized single buffer end section - Type 3	ext-b.sferme	22.0
		
Galvanized bridge shoe - Type 4	ext-b.plat	17.6
		

End section anchor system for speeds LESS than 50 km/h

Description	Product code	Weight in lbs
Complete anchor system (cable, box, pipe sleeve and bearing plate)	syst-complet	67.0
Anchor cable (nuts and lock washers included)	syst-cable	14.0
		
Anchor box	syst-boitier	14.5
		
Pipe sleeve 60 x 150 mm (2-3/8" x 6")	syst-tuyau	0.5
		
Bearing plate 6 x 200 x 200 mm (1/4" x 8" x 8")	syst-plaque	3.0
		
Soil plate 6 x 450 x 600 mm (1/4" x 18" x 24")	syst-pl.anc	17.6
		
Anchor cable plate 12 x 70 x 76 mm (1/2" x 2-3/4" x 3")	syst-pl.galv	1.5

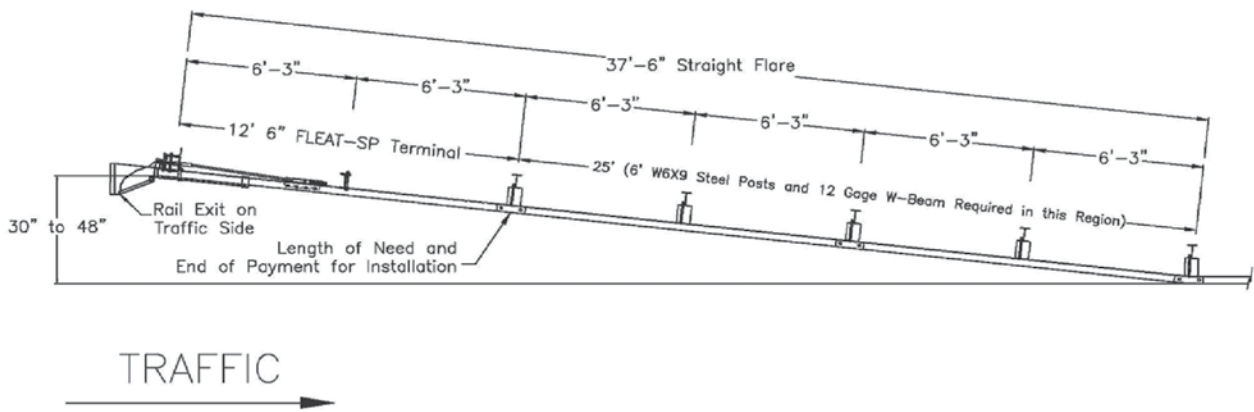
Flared guardrail end terminals for speeds HIGHER than 50 km/h (Type 1), on wood post

Description	Product code	Weight in lbs
Complete flared end terminal for speeds HIGHER than 50 km/h (Type 1), on wood post	disp-g.type1	



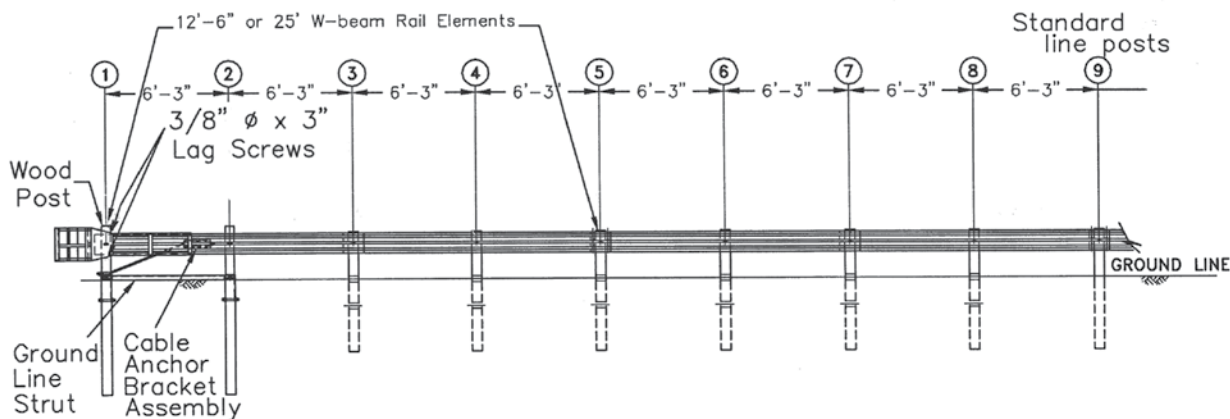
Flared guardrail end terminals for speeds HIGHER than 50 km/h (Type 1), on steel post

Description	Product code	Weight in lbs
Complete flared end terminal for speeds HIGHER than 50 km/h (Type 1), on steel post	disp-g.type1sp	



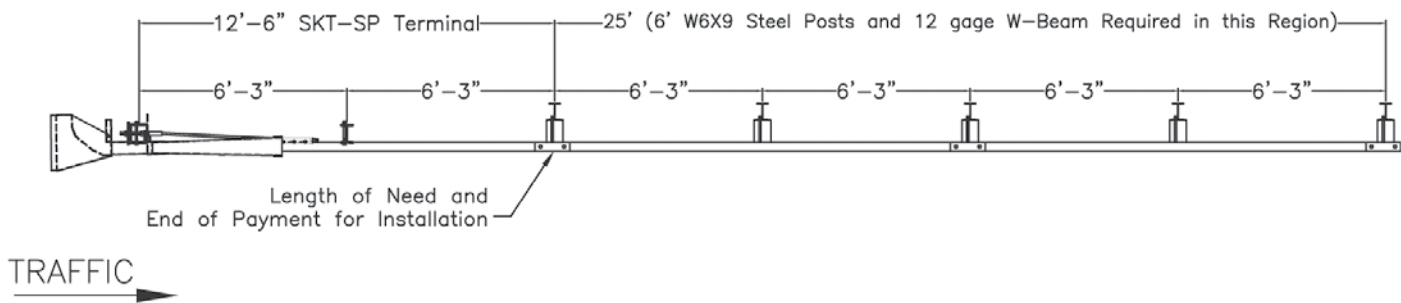
Sequential Kingking guardrail end terminals for speeds HIGHER than 50 km/h (Type 2), on wood post

Description	Product code	Weight in lbs
Complete sequential kingking end terminal for speeds HIGHER than 50 km/h (Type 2), on wood post	disp-g.type2	



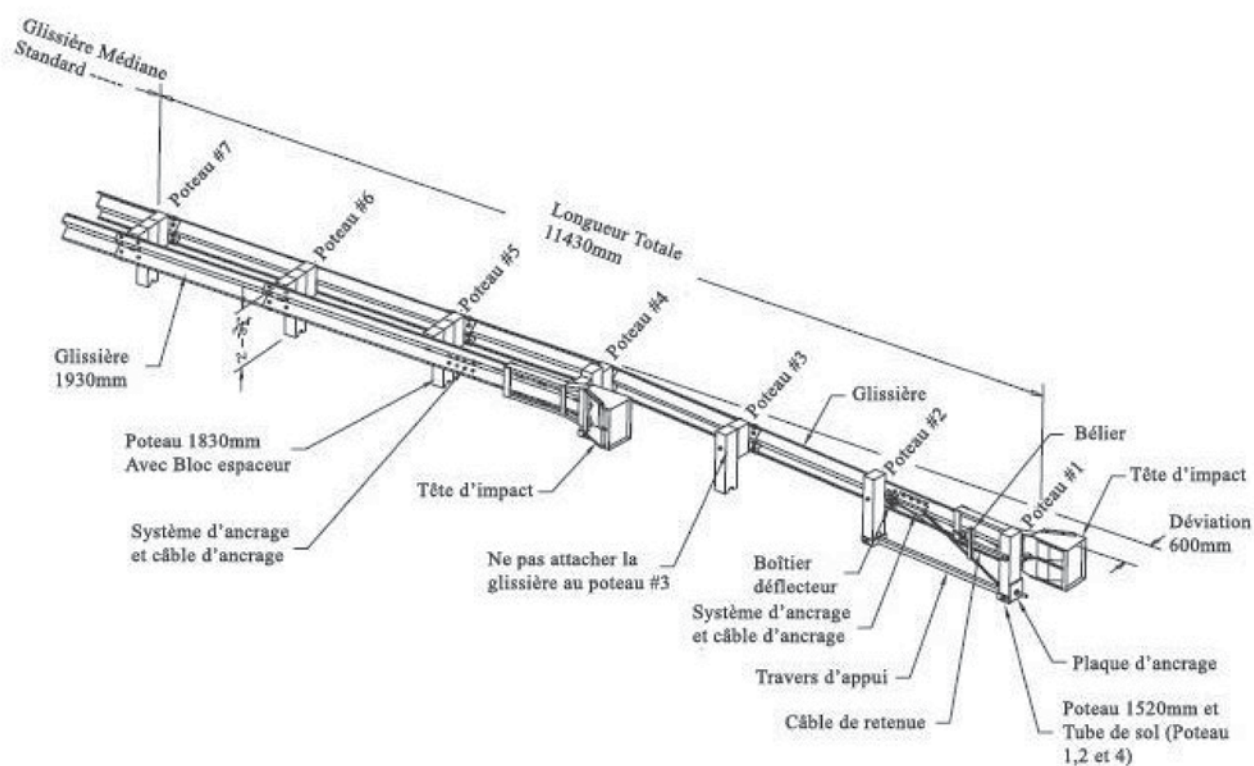
Sequential Kingking guardrail end terminals for speeds HIGHER than 50 km/h (Type 2), on steel post

Description	Product code	Weight in lbs
Complete sequential kingking end terminal for speeds HIGHER than 50 km/h (Type 2), on steel post	disp-g.type2sp	



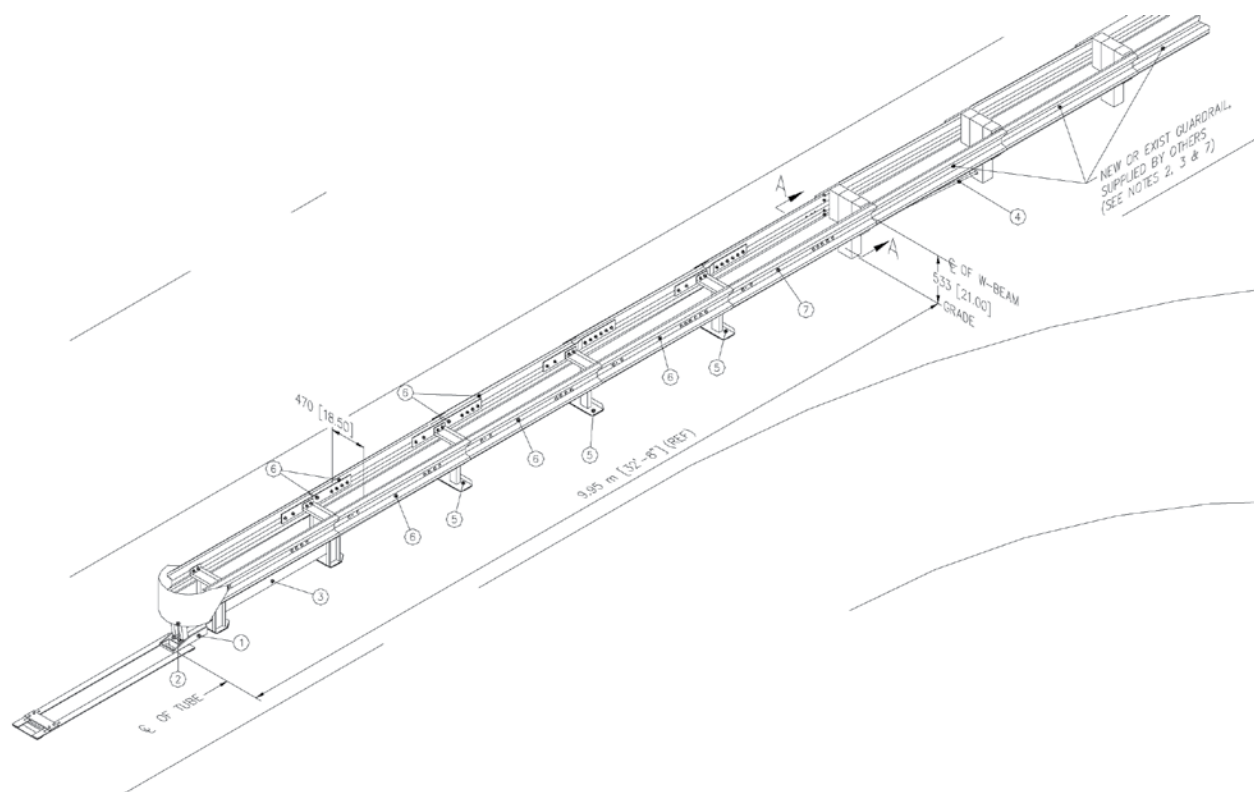
Median guardrail terminals for speeds HIGHER than 50 km/h (Fleat MT)

Description	Product code	Weight in lbs
Complete median flared end terminal for speeds HIGHER than 50 km/h (Fleat MT)	disp-g.fleatmt	1 750.0



Brakemaster terminals (TL-3)

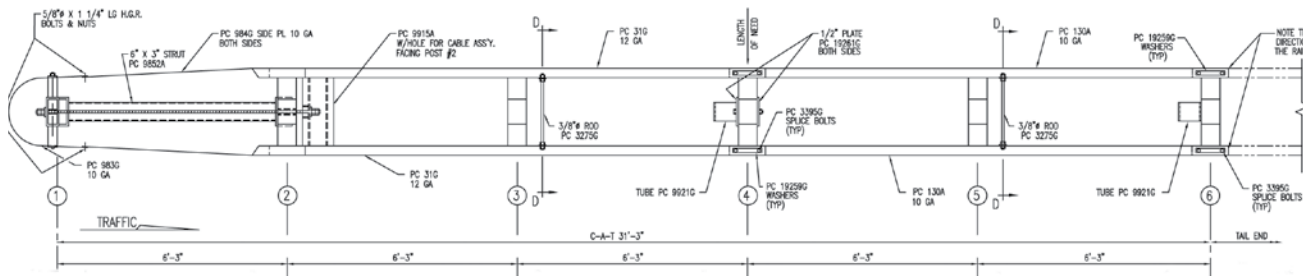
Description	Product code	Weight in lbs
Complete Brakemaster 350 median end terminal for speeds HIGHER than 50 km/h	disp-g.brakem	2 300.0



Median guardrail terminals for speeds HIGHER than 50 km/h (Cat-350)

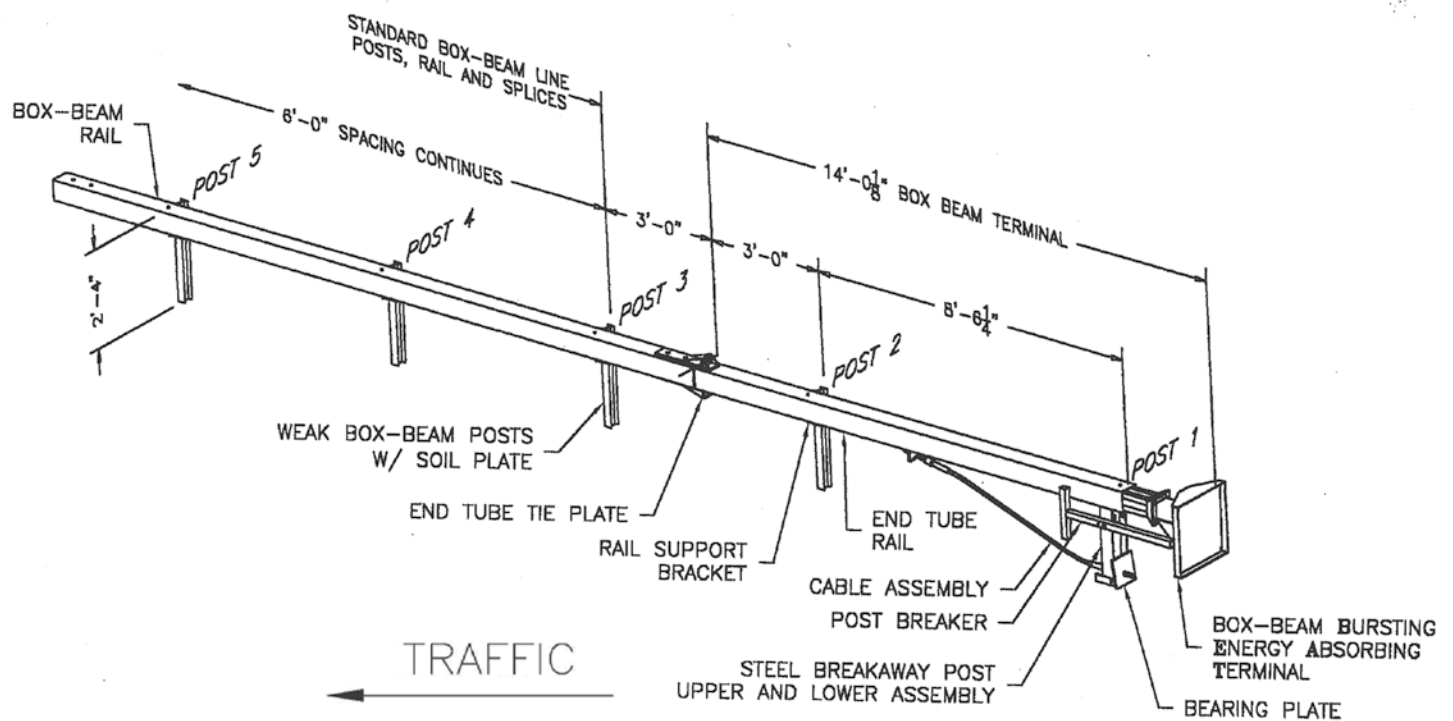
N

Description	Product code	Weight in lbs
Median guardrail terminals for speeds HIGHER than 50 km/h (Cat-350)	disp-g.cat	2 100.0



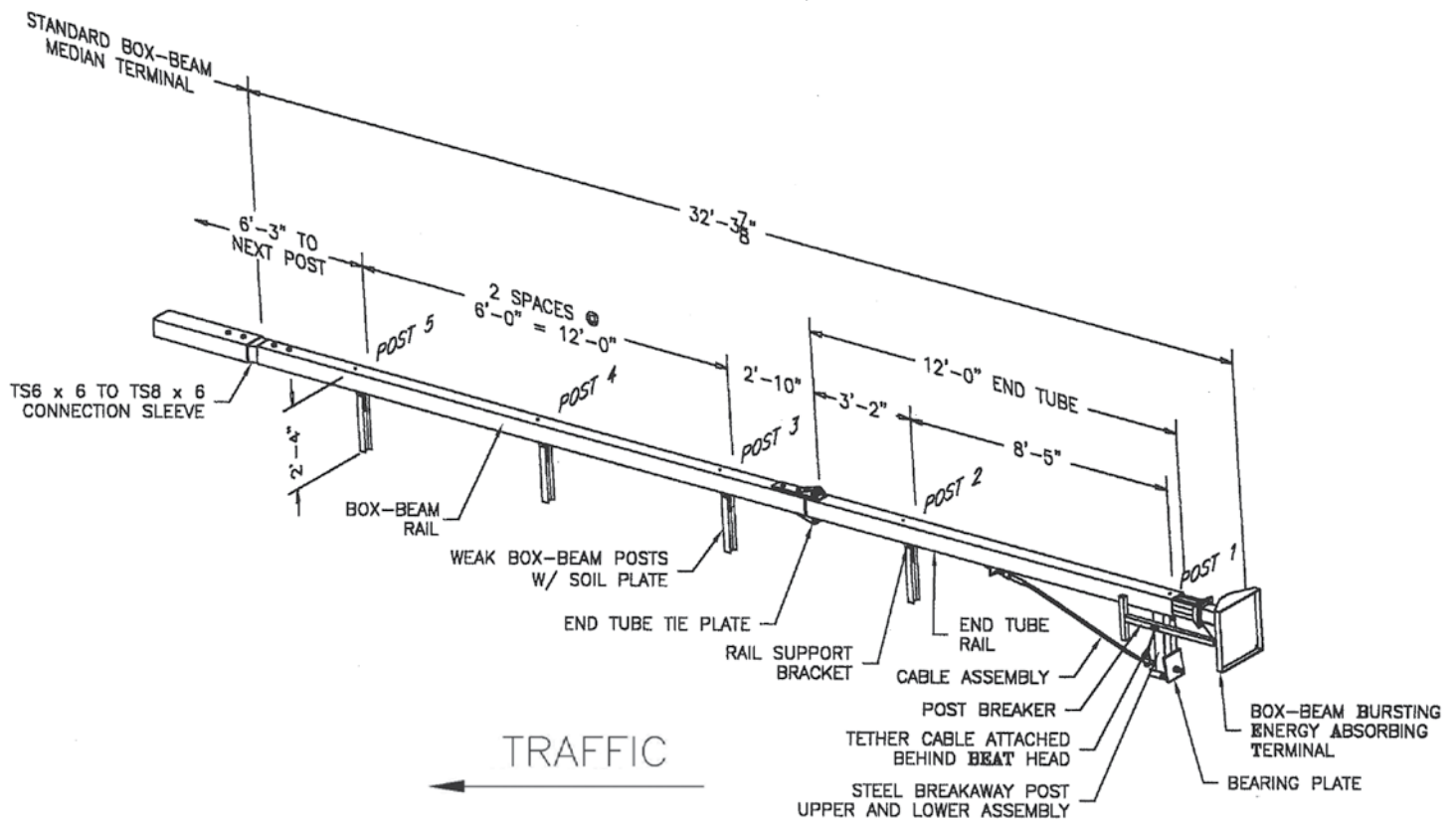
Flared box beam end terminals for speeds HIGHER than 50 km/h

Description	Product code	Weight in lbs
Complete flared box beam end terminal for speeds HIGHER than 50 km/h	disp-g.beat	



Median box beam end terminals for speeds HIGHER than 50 km/h

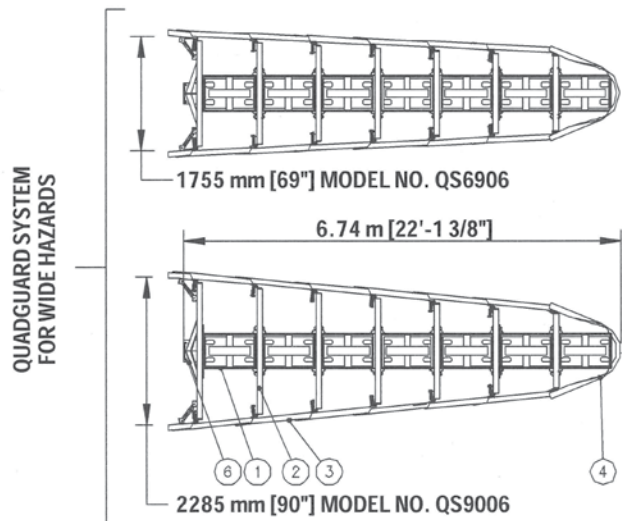
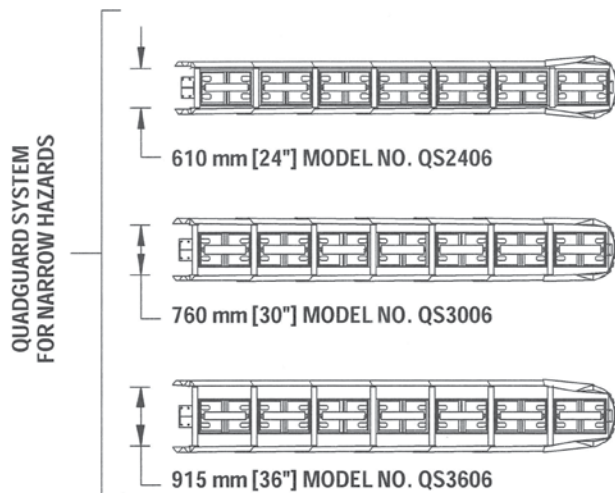
Description	Product code	Weight in lbs
Complete median box beam end terminal for speeds HIGHER than 50 km/h	disp-g.beatmt	



Crash cushion systems (Quad Guard)

N

Description	Product code	Weight in lbs
QuadGuard system for narrow hazards 24 po.	quadguard24	2 255.0
QuadGuard system for narrow hazards 30 po.	quadguard30	3 100.0
QuadGuard system for narrow hazards 36 po.	quadguard36	3 200.0
QuadGuard system for narrow hazards 69 po.	quadguard69	3 700.0
QuadGuard system for narrow hazards 90 po.	quadguard90	3 800.0



Crash cushion system (React-350)

N	Description	Product code	Weight in lbs
	React 350 Crash cushion system 36 po.	react350	4 080.0

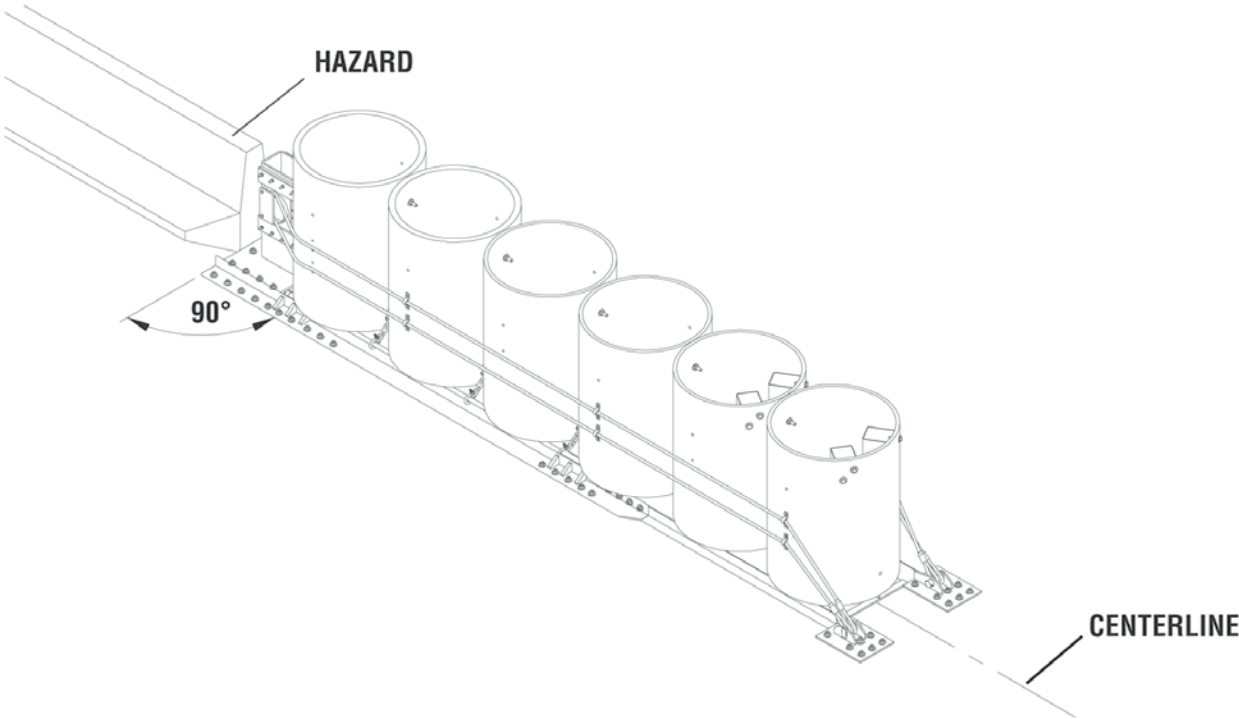


Figure 8
REACT 350 (36") Placement

Guardrail bridge attachments

Description	Product code	Weight in lbs
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N Bridge shoe front plate (oval holes)

45 x 6 x 450 mm (1-3/4" x 1/4" x 18")

syst at-450

0.6

45 x 6 x 310 mm (1-3/4" x 1/4" x 12")

syst at-310

0.4

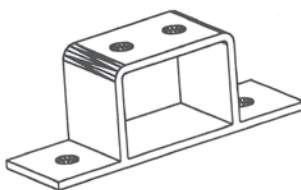


Bridge shoe back plate

100 x 10 x 450 x 125 mm (4" x 3/8" x 18" x 5")

syst at-plies

17.5



New jersey spacer blocks

40 x 150 x 6 x 150 mm (1.5" x 6" x 1/4" x 6") - for GSR 017

syst at-bloc40

5.0

50 x 150 x 6 x 150 mm (2" x 6" x 1/4" x 6")

syst at-bloc50

6.0

90 x 150 x 6 x 150 mm (3-1/2" x 6" x 1/4" x 6")

syst at-bloc90

8.0

115 x 150 x 6 x 150 mm (4-1/2" x 6" x 1/4" x 6")

syst at-bloc115

10.0

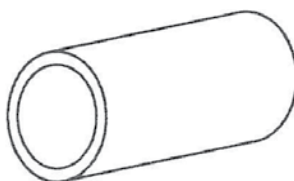


Compressible steel tube

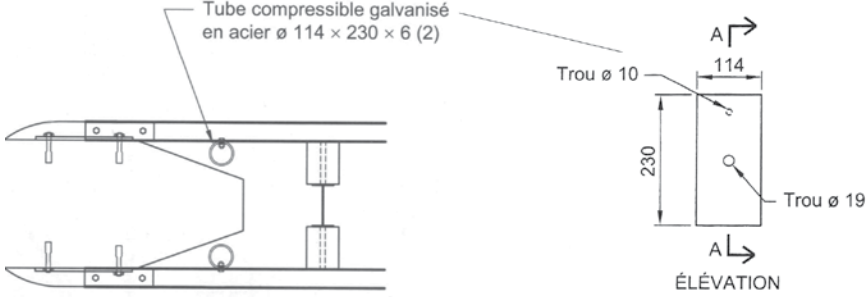
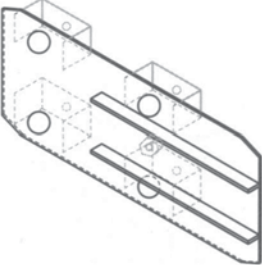
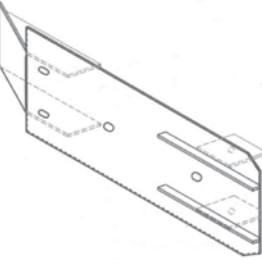
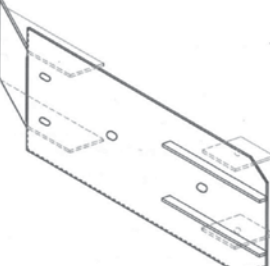
Ø114 x 6 x 230 mm - for GRS015

syst at-tube114

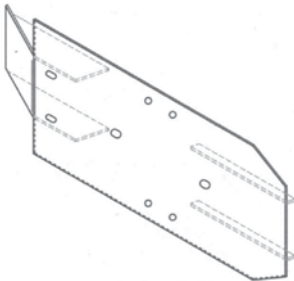
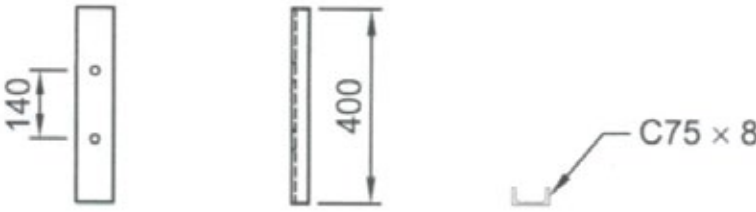
10.0



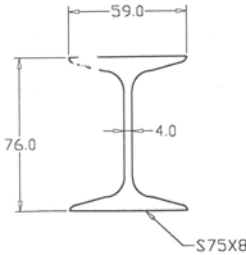
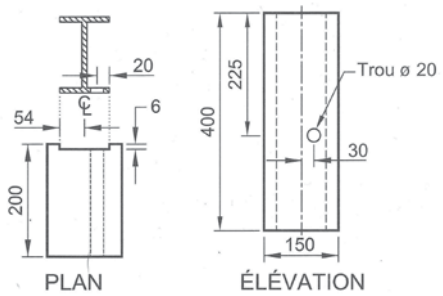
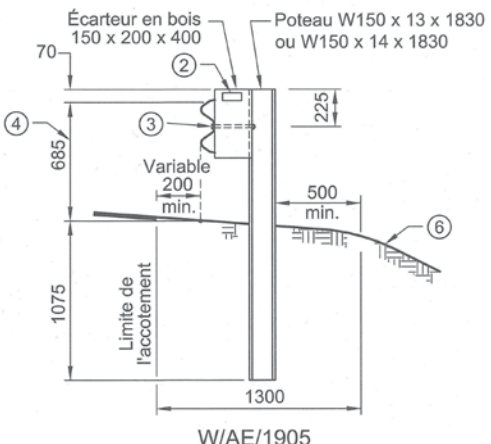
Guardrail bridge attachments

Description	Product code	Weight in lbs
N Galvanized compressable steel tube - for GSR 015 	syst at-tube230	1
N Galvanized guardrail connector for concrete bridge - for GSR 017 	syst at-gsr017	52
N Galvanized type 43 bridgerail/guardrail connector - for GSR 021 	syst at-gsr021	43
N Galvanized type 47 bridgerail/guardrail connector - for GSR 023 	syst at-gsr023	46

Guardrail bridge attachments

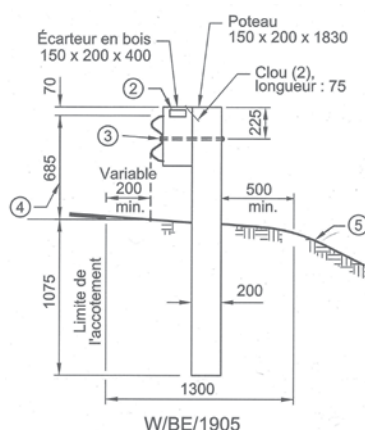
Description	Product code	Weight in lbs
N Galvanized type 210 bridgerail/guardrail connector - for GSR-025	syst at-gsr025	55
		
N Galvanized type 47 back plate C75 x 8 x 400 mm (C3"x 5/16"x 15.75") - for GSR-022	syst at-arr400	2
		
N Galvanized type 47 spacer plate 2,6 x 150 x 100 mm (1"x 6"x 4") - for GSR 022	syst at-calc	0.25
		

Steel beam guardrail posts

Description	Product code	Weight in lbs
3 inches I-beam - - S75 x 8 x 1830 mm (72") (Welded foil plate)	pot-agalv8	48.0
		
Galvanized 8.5#/ft steel post - W150 x 13 x 1830 mm (72")	pot-agalv13	51.0
Galvanized 9#/ft steel post - W150 x 14 x 1830 mm (72")	pot-agalv14	54.0
Galvanized 13#/ft steel post - W200 x 19 x 2285 mm (90") - for GSR 016	pot-agalv19	95.5
		
Wood blocks for steel post - 150 x 200 x 400 mm (6" x 8" x 16")	pot-blocrain	25.0
		

Guardrail wood posts

Description	Product code	Weight in lbs
Wood post - 150 x 200 x 1830 mm (6" x 8" x 72")	pot-bois1830	115.0
Wood block - 150 x 200 x 400 mm (6" x 8" x 16")	pot-bois400	25.0



Bolts and hardware

Guardrails hardware

Galvanized guardrail bolt - 5/8" x 1-1/4"	boul-11/4	0.18
Galvanized guardrail bolt - 5/8" x 2"	boul-2	0.19
Galvanized guardrail bolt - 5/8" x 8"	boul-8	0.67
Galvanized guardrail bolt - 5/8" x 10-1/2"	boul-101/2	0.81
Galvanized guardrail bolt - 5/8" x 18"	boul-18	1.37
Galvanized guardrail bolt - 5/8" x 26"	boul-26	1.94
Galvanized Hex nut - 5/8"	boul-ecrou	0.19
Galvanized flat washer - 5/8"	boul-rond	0.08
Galvanized lock washer - 5/8"	boul-rondress	0.02

Other hardware

Galvanized lock washer - 1"	rondres-1	0.09
Wedge anchor - 1" x 6"	boul-chevexp	1.50
Reflective marker (white) - 2" x 4"	plaqref-blanche	0.05
Reflective marker (yellow) - 2" x 4"	plaqref-jaune	0.05

Cable guide rail and end sections

Description	Product code	Weight in lbs
Galvanized 3 inches end section I-beam - 575 x 8 x 1830 mm	glisfl-pot.ext	52.0
Galvanized 3 inches intermediate I-beam - 575 x 8 x 1830 mm	glisfl-pot.int	52.0
Galvanized angle - 150 x 100 x 12 x 430 mm (6" x 4" x 1/2" x 17")	glisfl-fer ang150	54.0
Galvanized angle - 100 x 75 x 6 x 200 mm (4" x 3" x 1/4" x 8")	glisfl-fer ang100	25.0
Galvanized anchor rod - 20 x 750 mm (1-3/4" x 30")	glisfl-tige	4.0
Spring and compensating device	glisfl-tendeur	38.0
Galvanized J-hook bolts - 8 x 45 mm (5/16" x 1-3/4") (nut included)	glisfl-boulon	0.05
Galvanized 3/4" 3 x 7 cable	glisfl-cable	0.85

