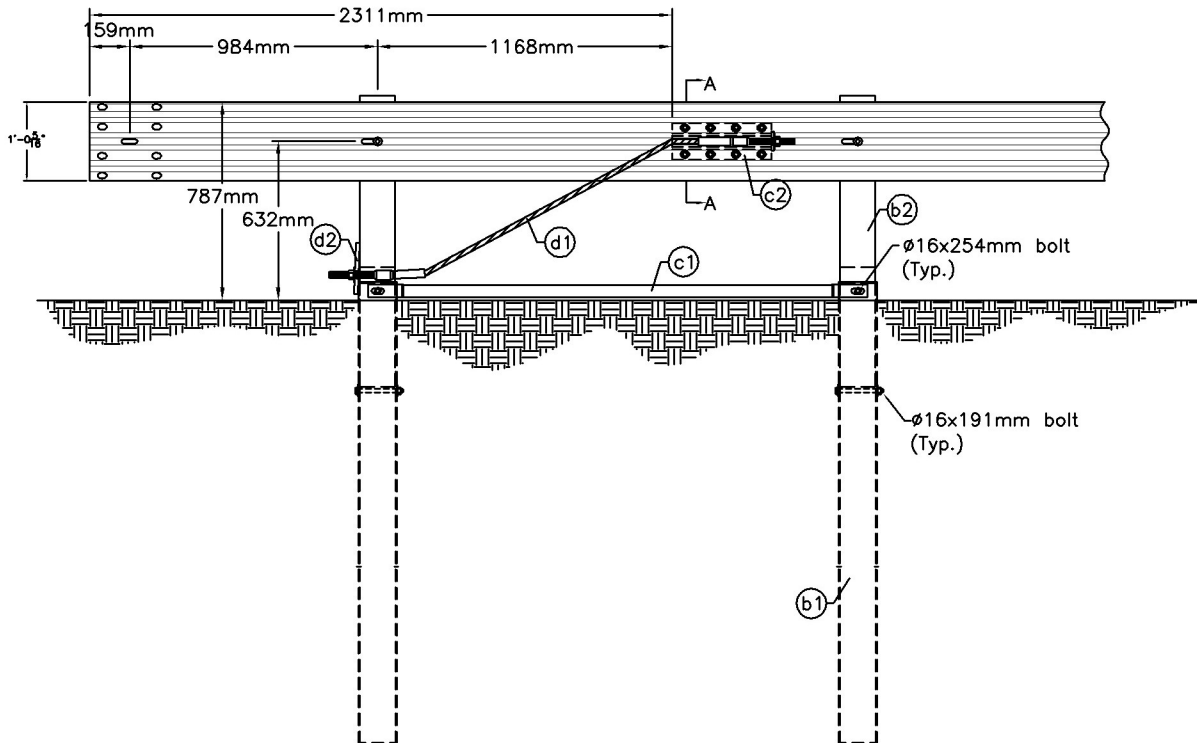
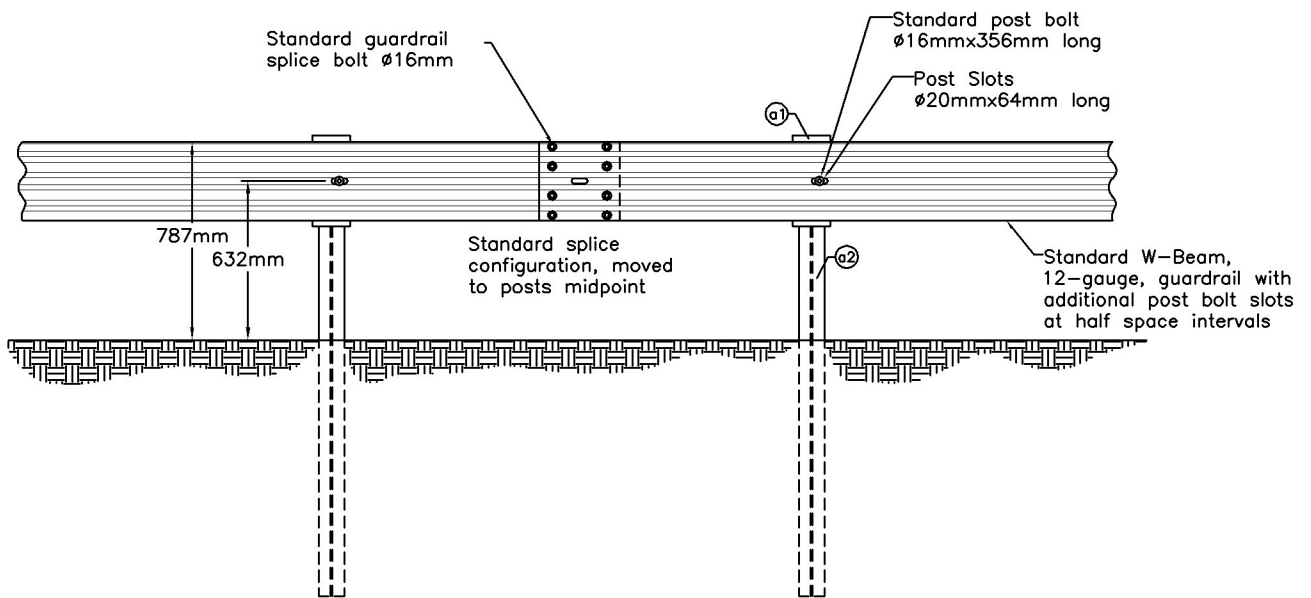


	NCHRP 22-14(2) Midwest Guardrail System New 2000P		Sheet: 1 of 6
	Layout		Date: 8/28/2006
	Midwest Roadside Safety Facility		By: GEP
	Drawing Number: 2214MG-1 R7.dwg	Scale: None	Rev: KAP/RKF



Midwest Roadside
Safety Facility

NCHRP 22-14(2)
Midwest Guardrail System
New 2000P
Rail Detail

Drawing Number
2214MG-1 R7.dwg

Scale
1=30

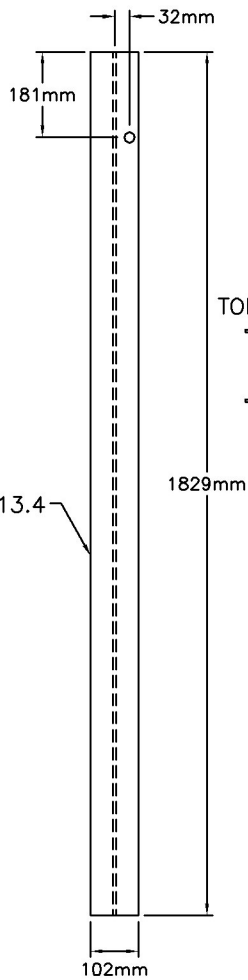
Sheet
2 of 6
Date
8/28/2006
By
GEP
Rev
KAP/RKF

ITEM	QTY	DESCRIPTION	MATERIAL
a1	25	Steel Posts	W6x9 (W152x13.4)
a2	25	Blockout 152x305x362mm	XXX

W-BEAM POST (Part a1)

FRONT VIEW

SIDE VIEW

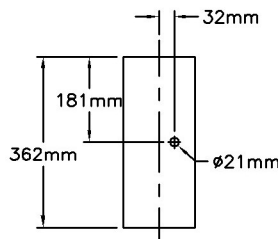
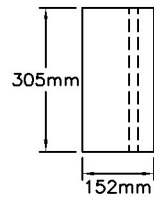


TOP VIEW



W-BEAM SPACER (Part a2)

TOP VIEW

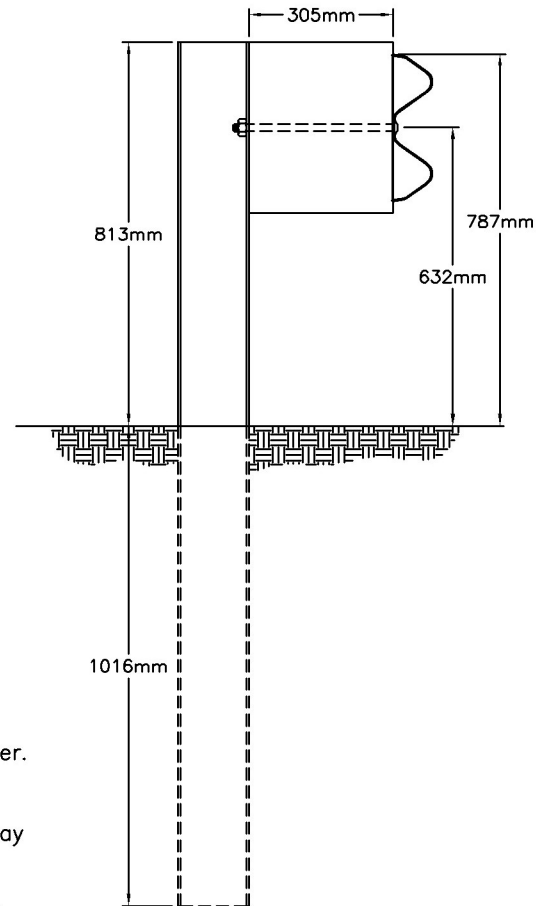


FRONT VIEW

NOTES:

- (1) Steel for wide-flange shall meet ASTM A36.
- (2) All holes drilled or punched to 19mm diameter.
- (3) All bolts are 16mm diameter.
- (4) Blockout dimension may vary.
- (5) Blockout material and grade: SYP Grade No.1 or Better

W-BEAM SUPPORT DETAILS



NCHRP 22-14(2)
Midwest Guardrail System
New 2000P
Post Detail

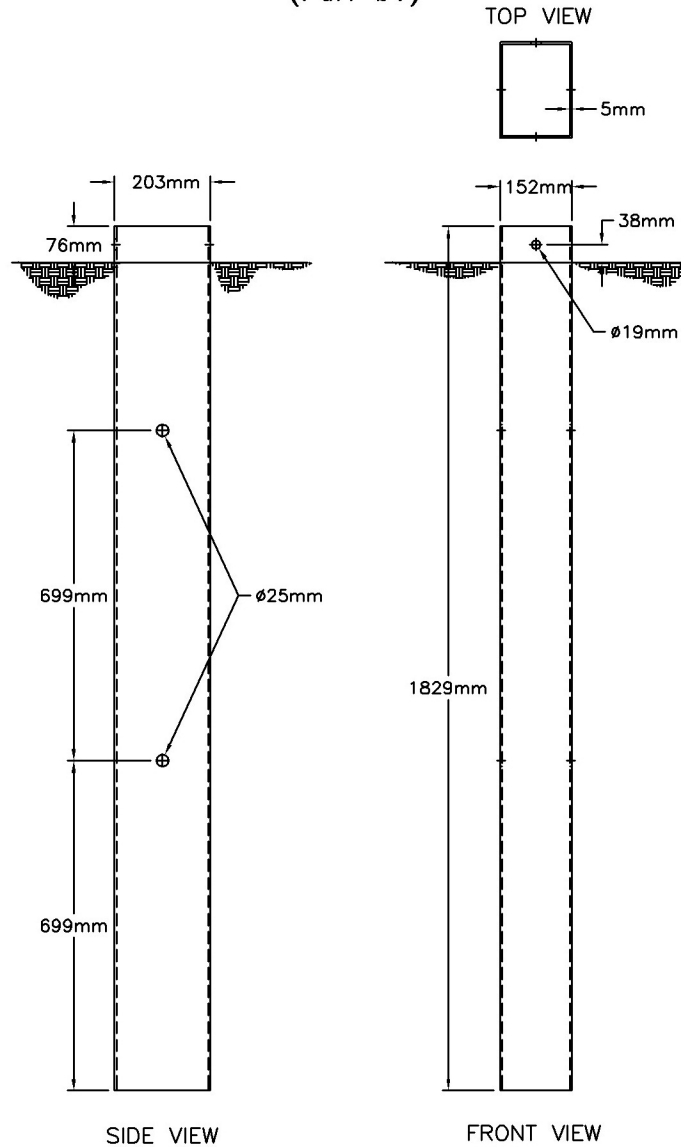
Drawing Number
2214MG-1 R7.dwg

Scale
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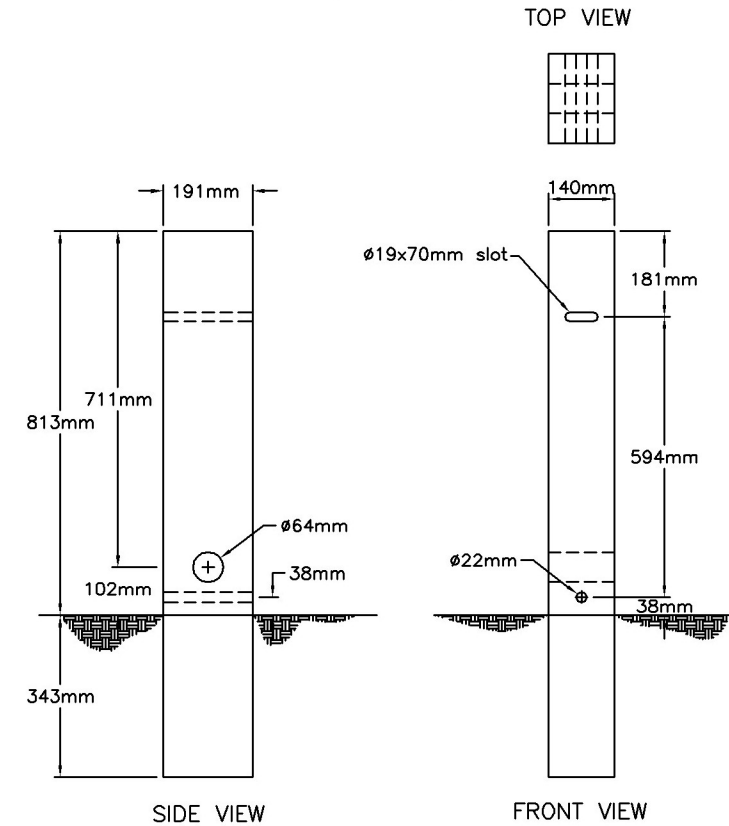
Sheet
3 of 6
Date
8/28/2006
By
GEP
Rev
KAP/RKF

ITEM	QTY	DESCRIPTION	MATERIAL
b1	2	Foundation Tubes	PTE05
b2	2	BCT Timber Post	PDF01

FOUNDATION TUBE (Part b1)



BCT TIMBER POST (Part b2)



NOTE:
(1) BCT Post material and grade: SYP Grade No.1 or Better

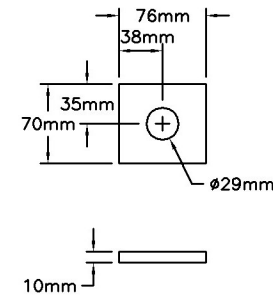
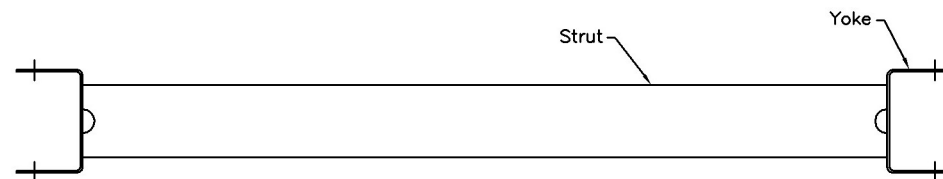
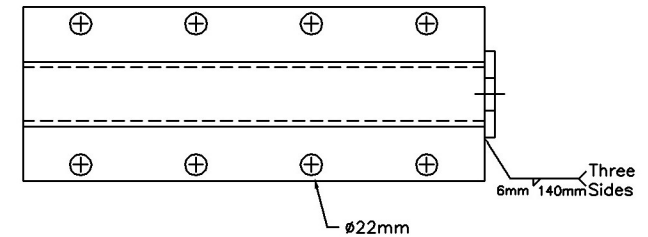
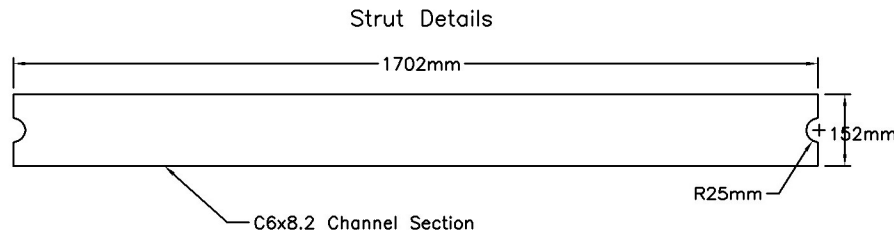
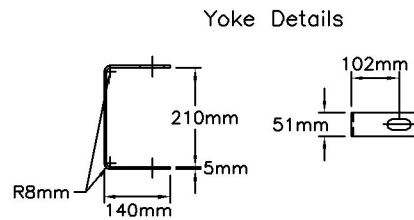
	NCHRP 22-14(2) Midwest Guardrail System New 2000P BCT Post & Tube Detail		Sheet 4 of 6
	Drawing Name: 2214MG-1 R7.dwg		Date: 8/28/2006
Midwest Roadside Safety Facility		Scale: 1=16	By: GEP
			Rev: KAP/RKF

ITEM	QTY	DESCRIPTION	MATERIAL
c1	2	Cable Strut	PFP01
c2	2	Anchor Bracket	FPA01

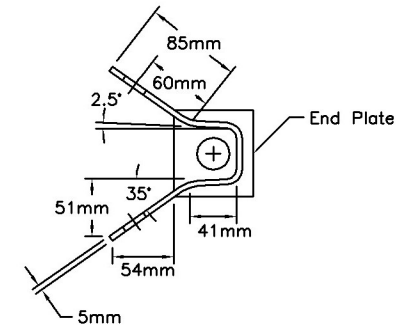
Cable Strut

Anchor Bracket

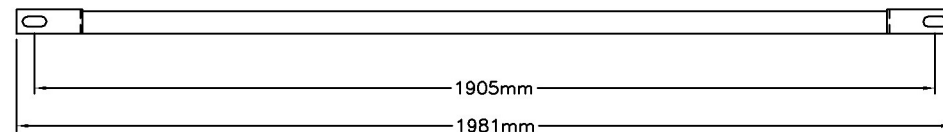
Anchor Bracket (Part c2)



End Plate



End View

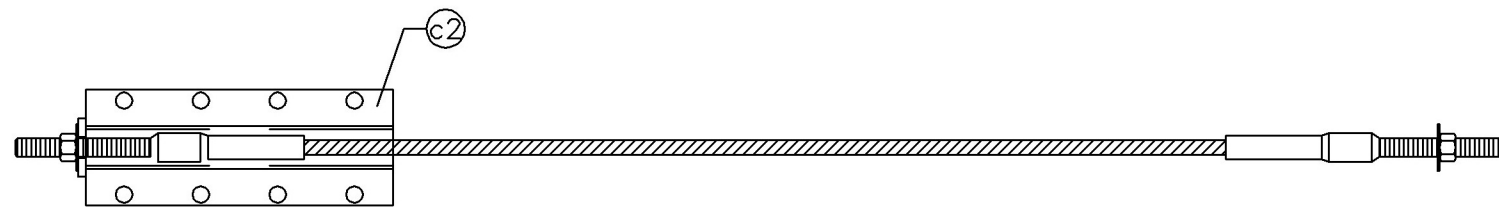
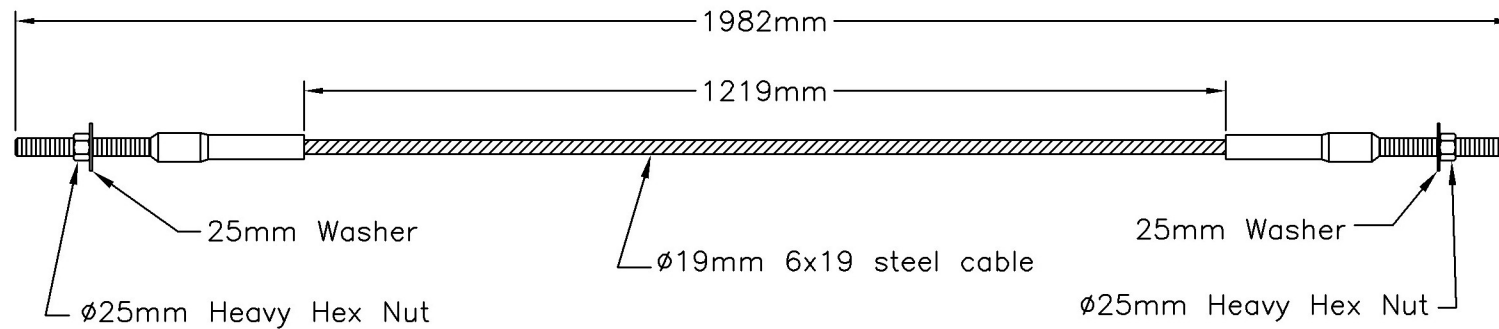


Cable Strut
(Part c1)

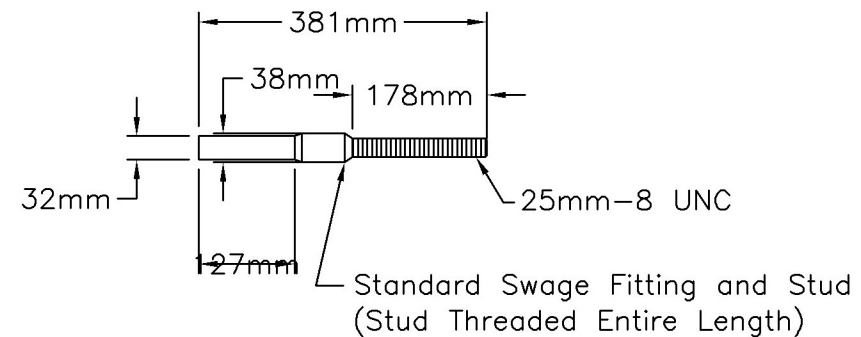
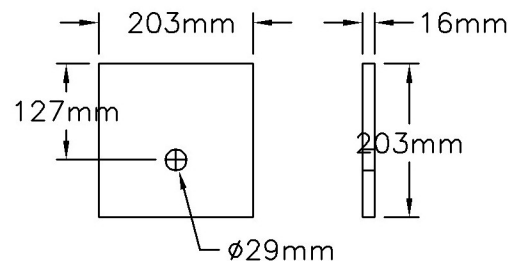
 Midwest Roadside Safety Facility	NCHRP 22-14(2) Midwest Guardrail System New 2000P Cable Strut & Anchor Bracket		Sheet: 5 of 6
	Drawing Number: 2214MG-1 R7.dwg		Date: 8/28/2006
	Scale: None		By: GEP
			Rev: KAP/RKF

ITEM	QTY	DESCRIPTION	MATERIAL
d1	2	Anchor Cable	FCA01
a2	2	Bearing Plate	FPB01

Anchor Cable
(Part d1)



Bearing Plate
(Part d2)



	NCHRP 22-14(2) Midwest Guardrail System New 2000P		Sheet: 6 of 6
	BCT Anchor Cable & Bearing Plate Detail		Date: 8/28/2006
Midwest Roadside Safety Facility	Drawing Name: 2214MG-1 R7.dwg		By: GEP
	Scale: 1=10		Rev: KAP/RKF