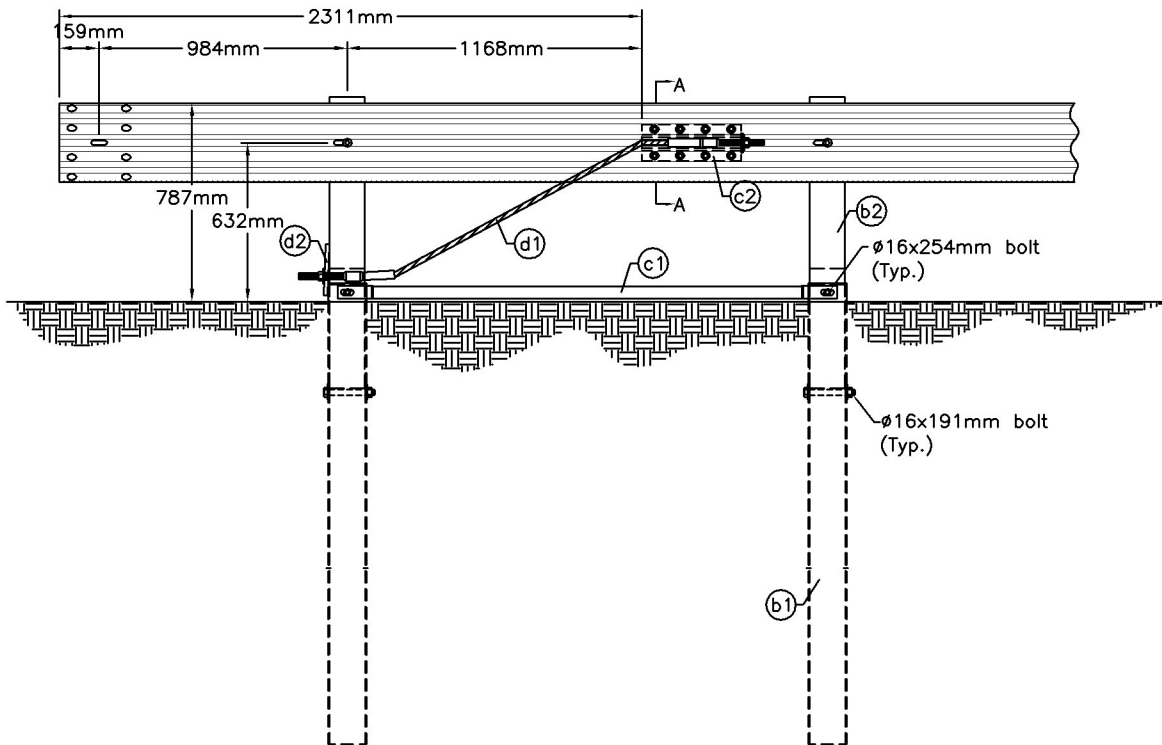
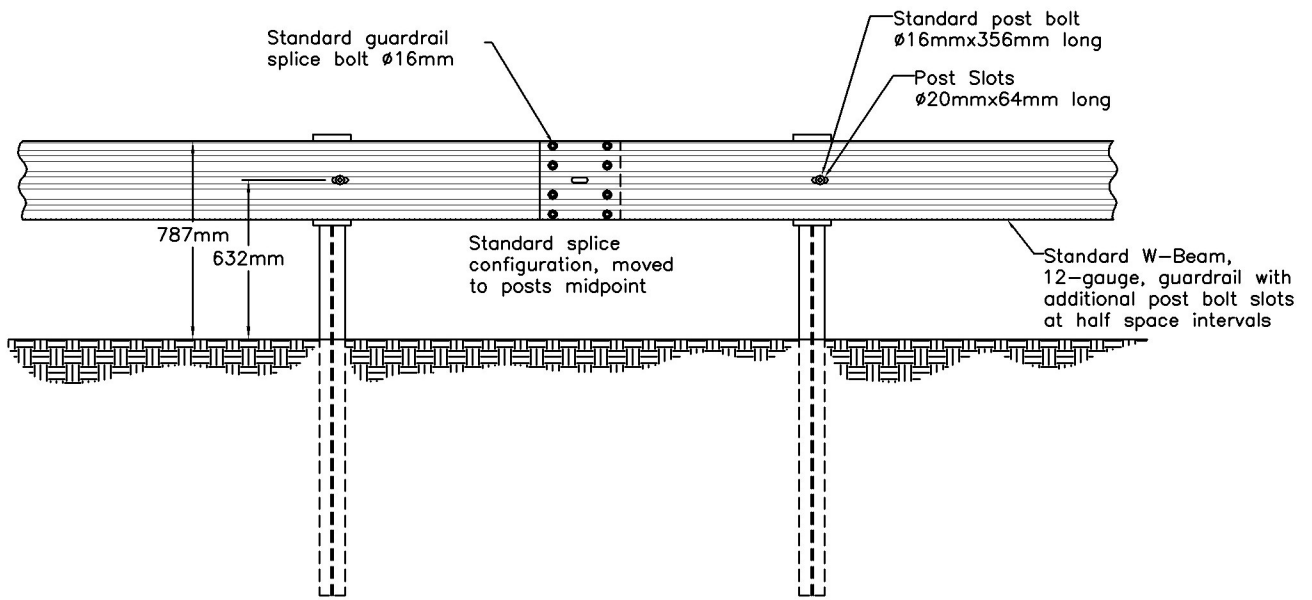




Midwest Roadside
Safety Facility

NCHRP 22-14(2)
Midwest Guardrail System
with Dodge Quadcab
Rail Detail

Drawing Number
2214MG-2 R9.dwg

Scale
1=30

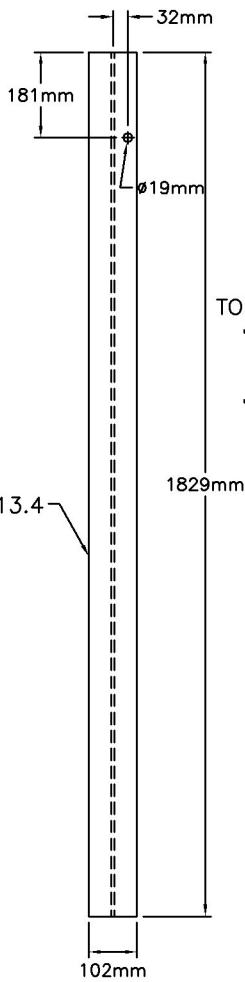
Sheet
2 of 6
Date
8/29/2006
By
GEP
Rev
KAP/RKF

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

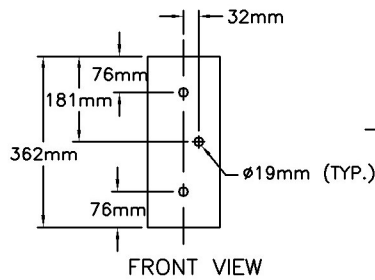
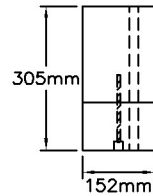


TOP VIEW



W-BEAM SPACER (Part a2)

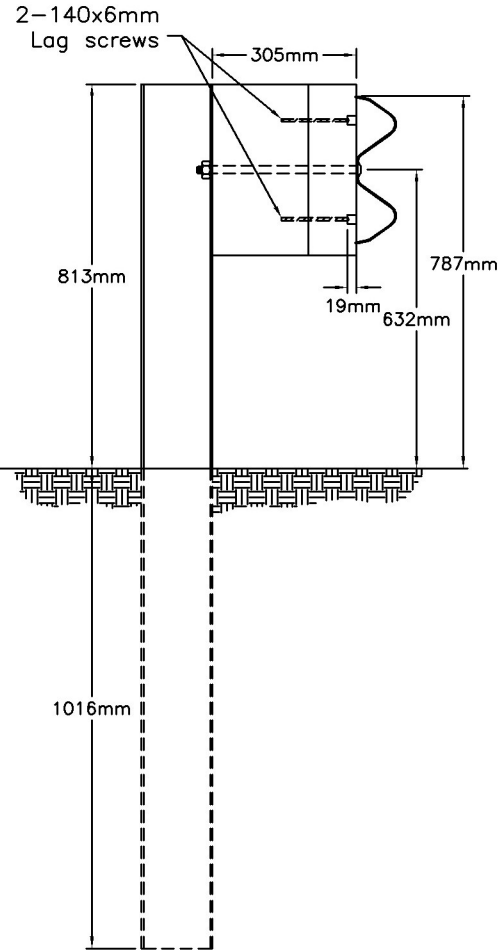
TOP VIEW



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



Midwest Roadside
Safety Facility

NCHRP 22-14(2)
Midwest Guardrail System
with Dodge Quadcab
Post Detail

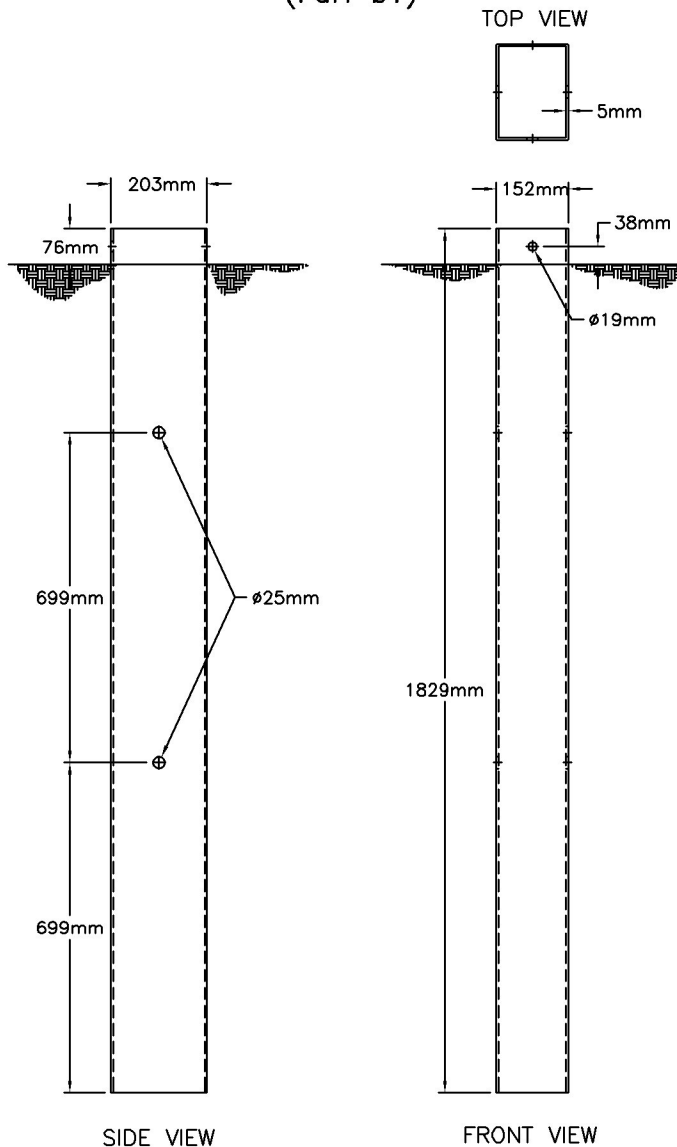
Drawing Number
2214MG-2 R9.dwg

Scale
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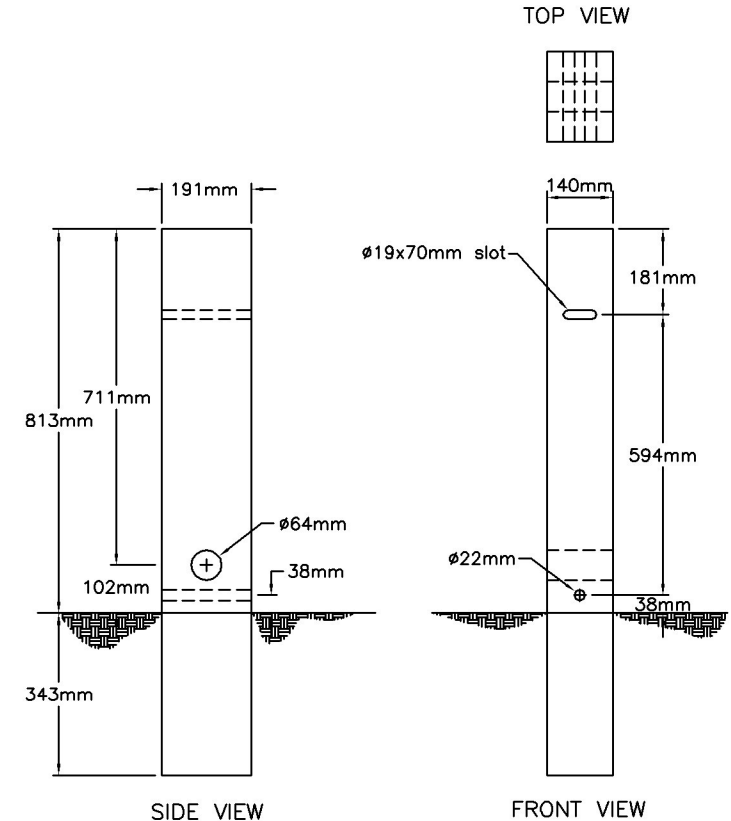
Sheet
3 of 6
Date
8/29/2006
By
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Rev
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ITEM	QTY	DESCRIPTION	MATERIAL
b1	2	Foundation Tubes	PTE05
b2	2	BCT Timber Post	PDF01

FOUNDATION TUBE (Part b1)



BCT TIMBER POST (Part b2)

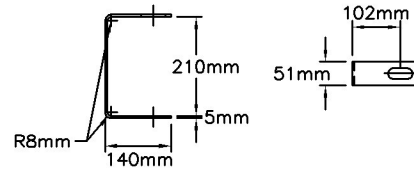


NOTE:
(1) BCT Post material and grade: SYP Grade No.1 or Better

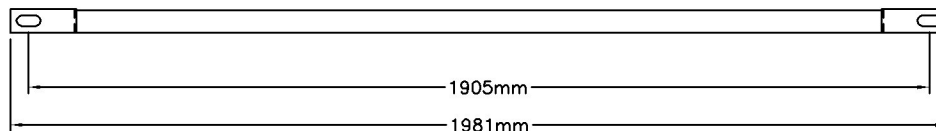
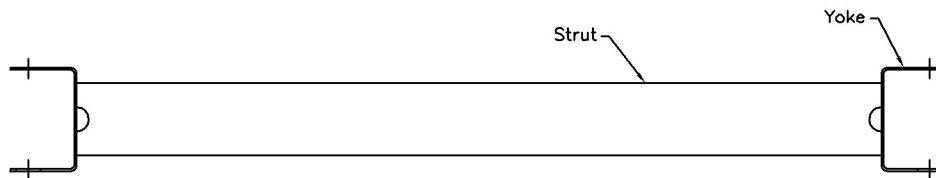
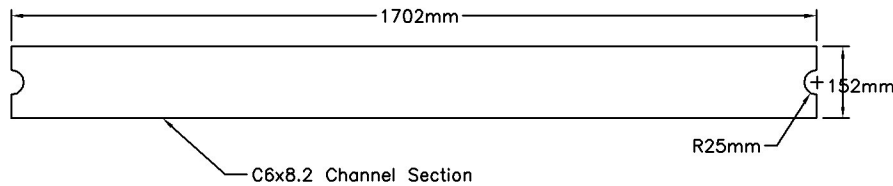
	NCHRP 22-14(2) Midwest Guardrail System with Dodge Quadcab BCT Post & Tube Detail		Sheet:
	Drawing Name 2214MG-2 R9.dwg		4 of 6
Midwest Roadside Safety Facility		Scale:	Date:
		1=16	8/29/2006
		Rev:	By:
			GEP
			Rev:
			KAP/RKF

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

Yoke Details

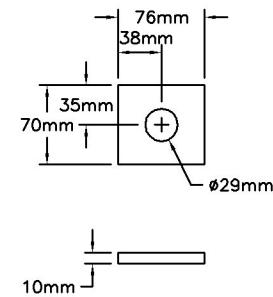
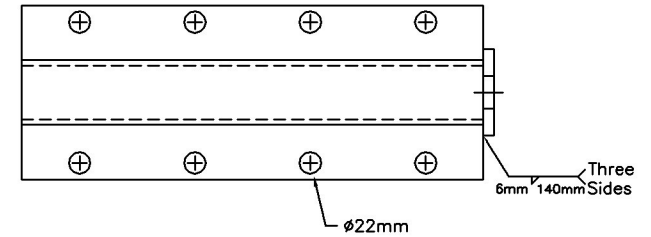


Strut Details

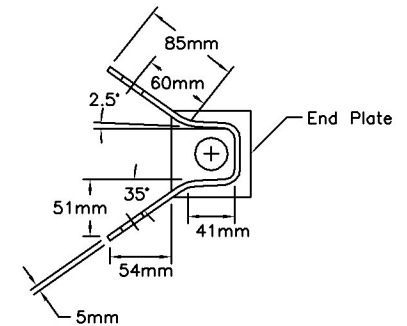


Cable Strut
(Part c1)

Anchor Bracket
(Part c2)



End Plate

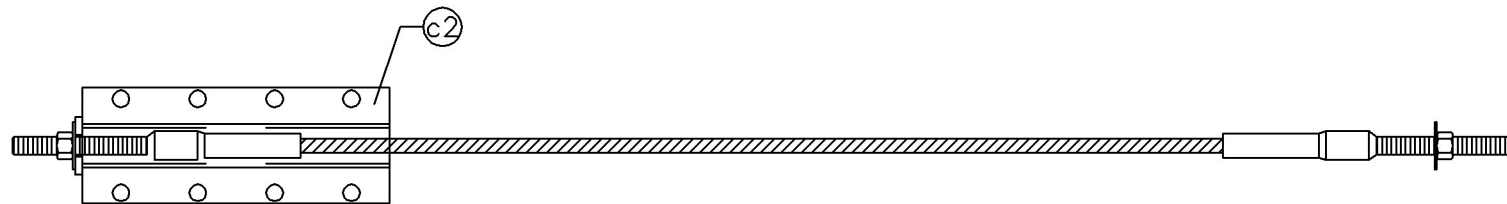
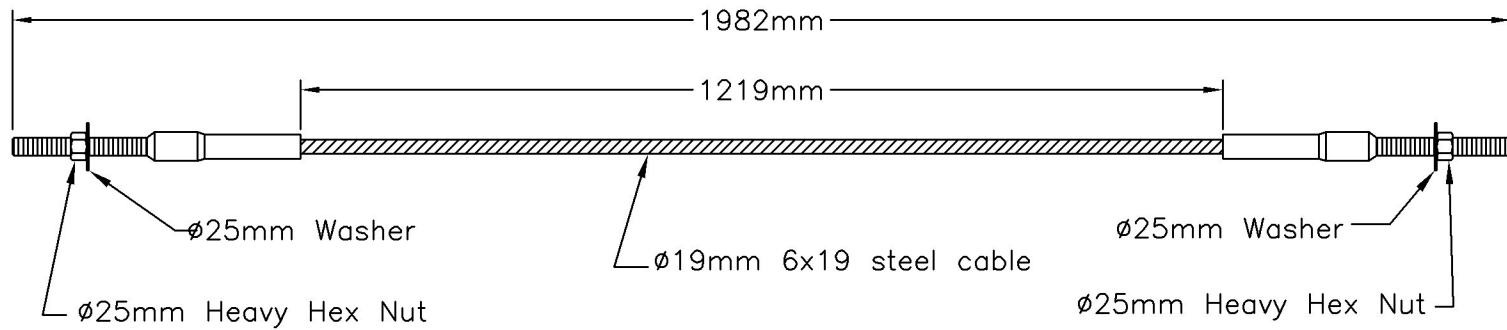


End View

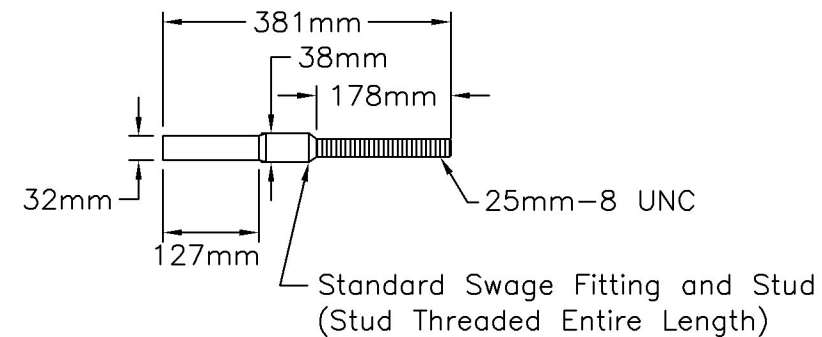
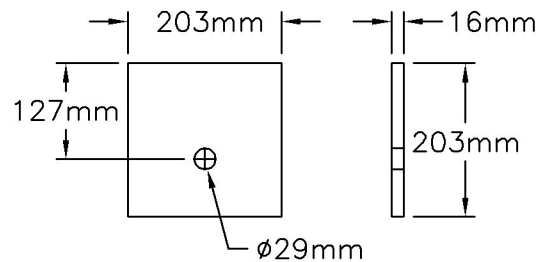
	NCHRP 22-14(2) Midwest Guardrail System with Dodge Quadcab		Sheet:
	Cable Strut & Anchor Bracket		5 of 6
Midwest Roadside Safety Facility	Drawing Name:	Scale:	Date:
	2214MG-2 R9.dwg	None	8/29/2006
			By:
			GEP
			Rev:
			KAP/RKF

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

Anchor Cable (Part d1)



Bearing Plate (Part d2)



	NCHRP 22-14(2) Midwest Guardrail System with Dodge Quadcab BCT Anchor Cable & Bearing Plate Detail		Sheet:
	Midwest Roadside Safety Facility		6 of 6
Drawing Name 2214MG-2 R9.dwg		Scale:	Date: 8/29/2006
		1=10	By: GEP
			Rev: KAP/RKF