**Detail C**

**Scale 1:15**

**Splice Detail**

- 7/8" x 7 1/2" Hex Head Bolt
- 5/8" x 10" Guardrail Post Bolt
- 3/4" x 2 1/2" Rail Slot

**End Rail Detail**

- 5/8" x 10" Hex Head Bolt with washers
- 5/8" x 7 1/2" Hex Head Bolt

**Midwest Roadside Safety Facility**

**MGS 1/2 Post Spacing**

- End Rail Detail
- Splice Detail

**Date:** 01/09/2005

**Drawn By:** GEP

**Rev. By:** KAP
W-Beam Blockout
Part a2

1'-2 1/4"
6"
7 1/8"
3/4"
1 3/4"
1'-0"

5/8"x14" long Guardrail bolt
16D Double Head Nail

SECTION A--A

2'-7 1/16"
2'-8"

W-Beam Blockout
Part a2

W-Beam Post
Part a1

W6x9

MGS 1/2Post Spacing
Posts 3-39 Detail

Midwest Roadside Safety Facility
BCT Anchor Cable
Part d1

1'-3"
7"
5"
8"
1 1/2"

Cable End
φ1" Heavy Hex
Nut A325

φ1" Washer A325

BCT Anchor Cable
Part d2

1"-8UNC Threaded
Entire Length

1"-8UNC Threaded
Entire Length

DETAIL D
SCALE 1 : 5

Anchor Cable
Bearing Plate
Part d2

MGS 1/2Post Spacing
BCT Anchor Cable Detail

Midwest Roadside
Safety Facility

5 of 7
6’-3” W-Beam Section, 12 gauge

12’-6” W-Beam Section, 12 gauge, 1/2 Post Spacing

25’ W-Beam Section, 12 gauge, End Section

DETAIL G
SCALE 1 : 15

DETAIL E
SCALE 1 : 15

Midwest Roadside Safety Facility

MGS 1/2Post Spacing
Rail Section Details