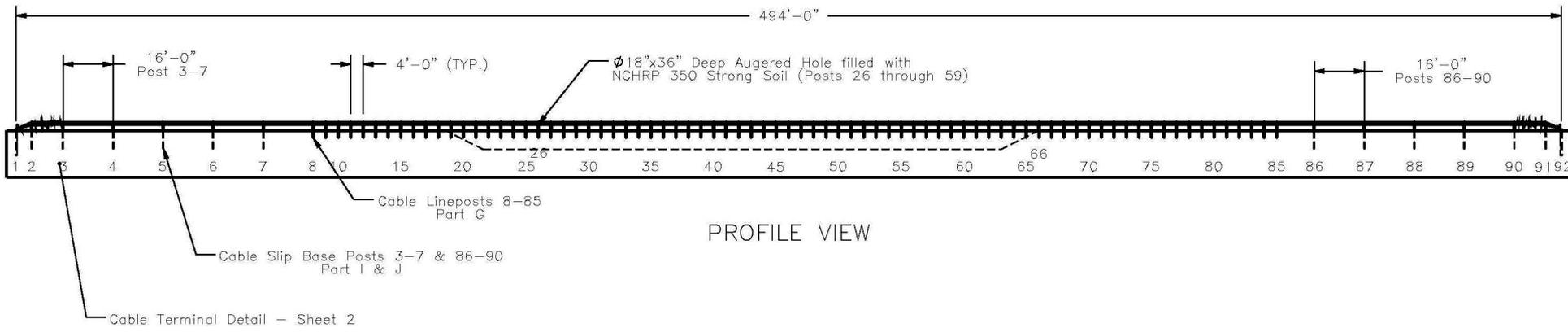
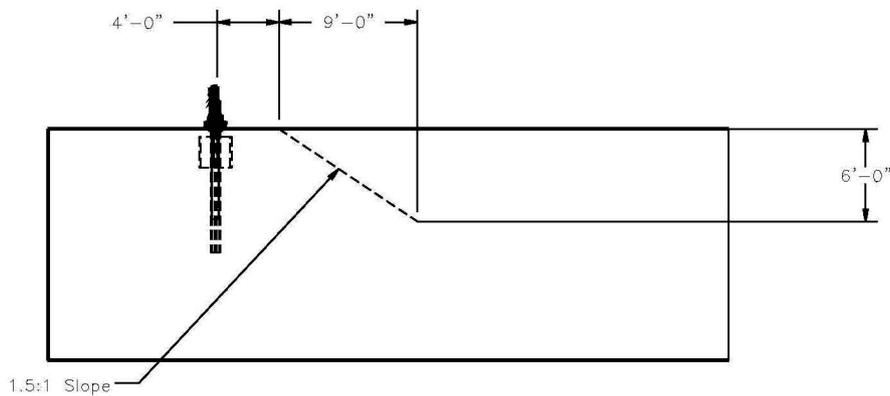


PLAN VIEW



PROFILE VIEW



END VIEW



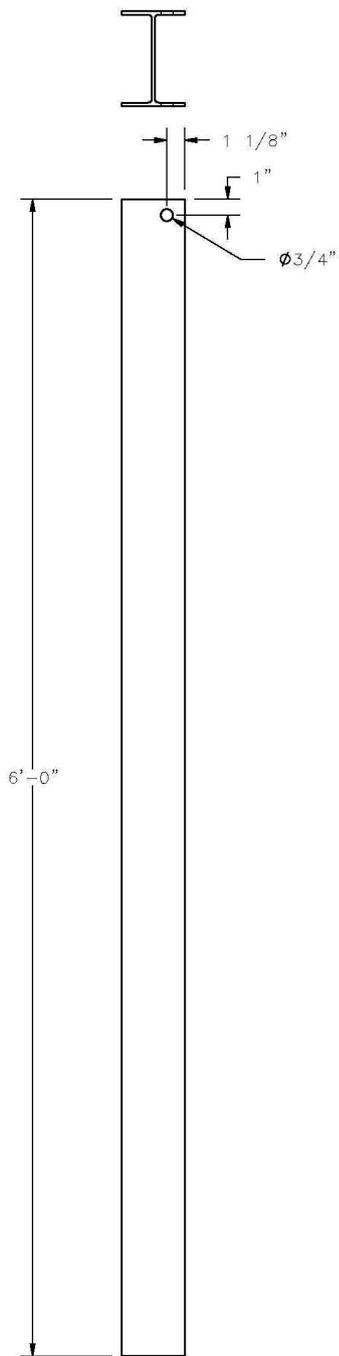
Midwest Roadside
Safety Facility

Cable on Slope
System Layout

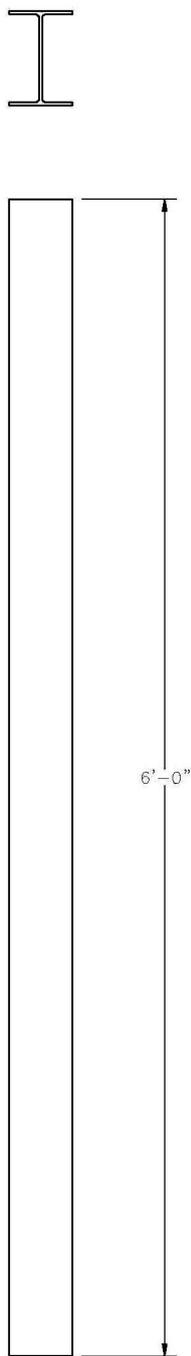
DWG. NAME:
CS-2

SCALE: None
UNITS: Inches

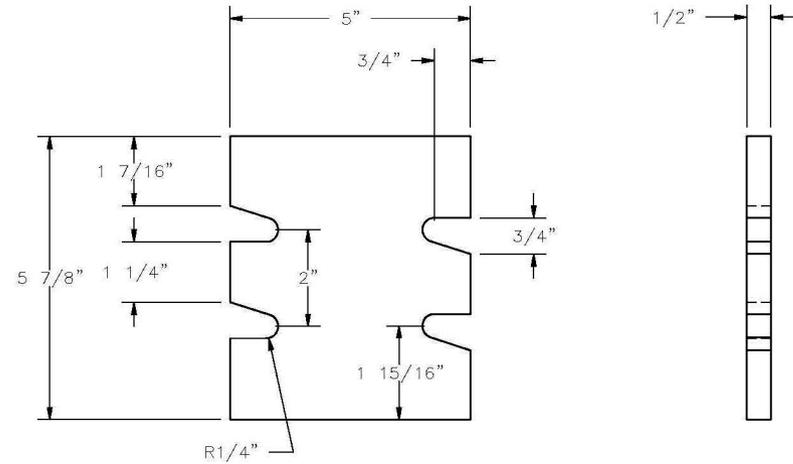
SHEET:
1 of 12
DATE:
11/1/2006
DRAWN BY:
GEP/CSS
REV. BY:
CME



W6x9
Part e1



W6x9
Part j1



Slip Base
Part e2



Midwest Roadside
Safety Facility

Cable on Slope

Cable Support Post
Base Details
Part E & J Details

DWG. NAME.
CS-2

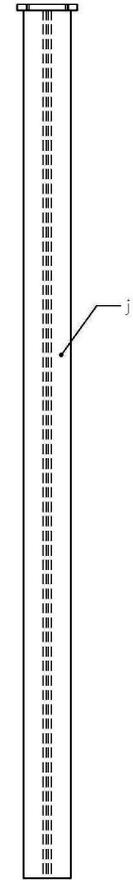
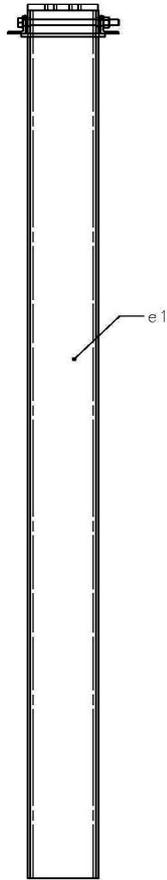
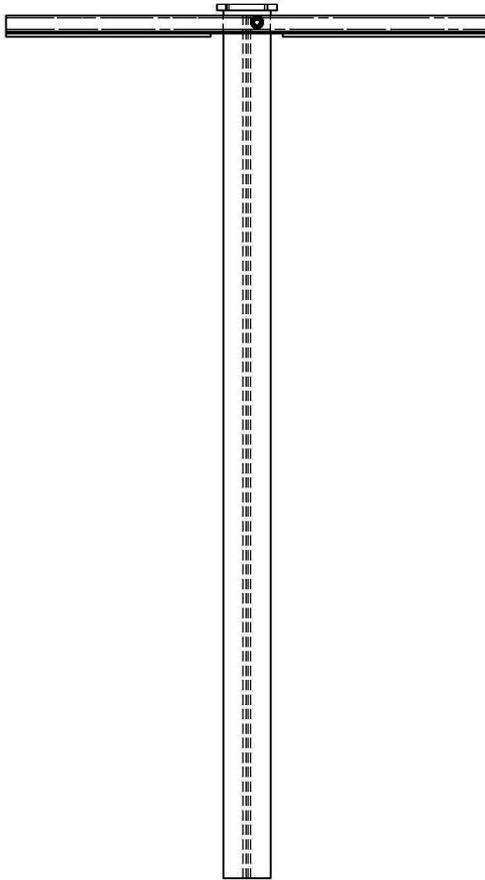
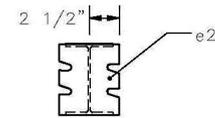
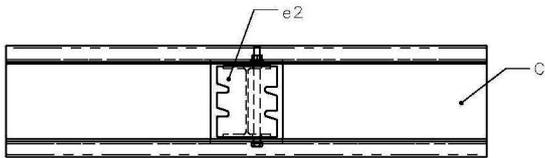
SCALE: None
UNITS: Inches

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DATE:
11/1/2006

DRAWN BY:
GEP/CSS

REV. BY:
CME



Cable Support Post
Part E

Cable Support Post
Part J



Midwest Roadside
Safety Facility

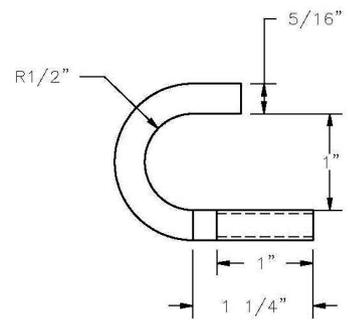
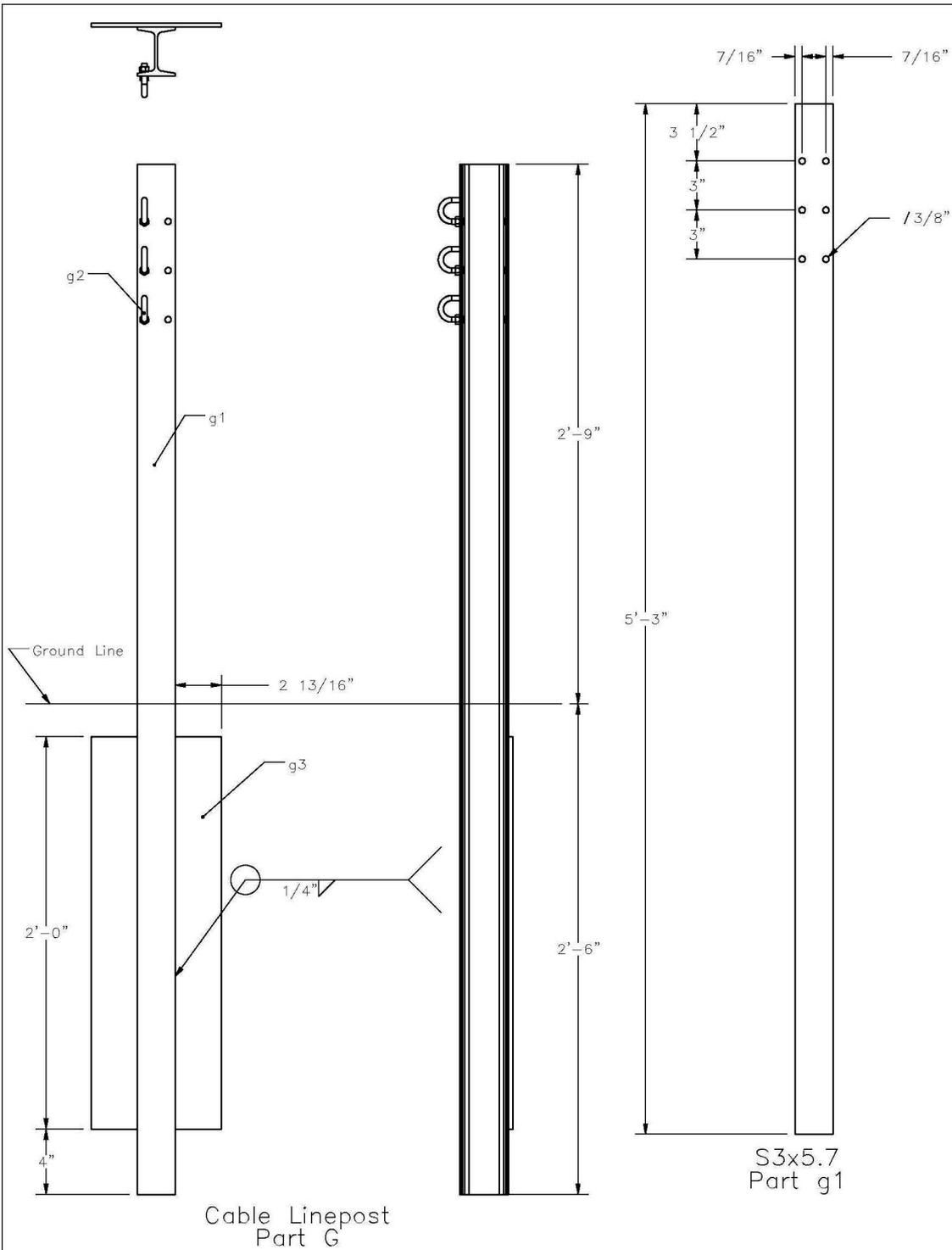
Cable on Slope

Cable Support Post
Base Assembly
Part E and J Details

DWG. NAME.
CS-2

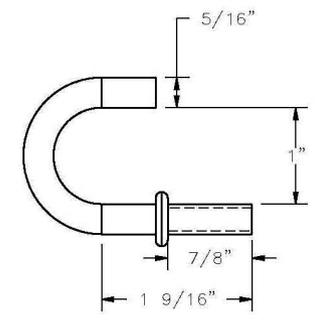
SCALE: 1:16
UNITS: Inches

SHEET:
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DATE:
11/1/2006
DRAWN BY:
GEP/CSS
REV. BY:
CME



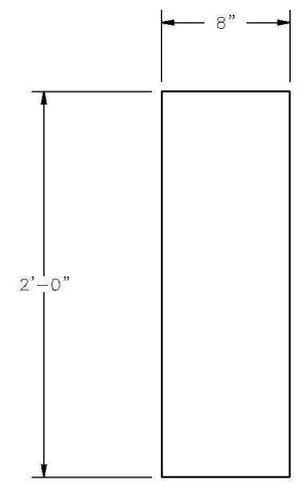
Use 2 Hex Nuts to fasten to post

Cable Hook Bolt Part g2 Option 1

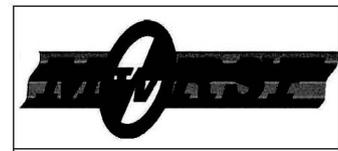
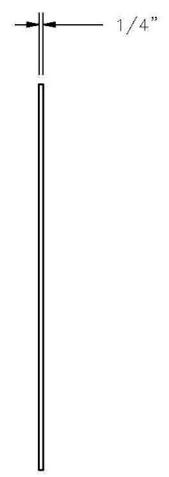


Use 1 Hex Nut to fasten to post

Cable Hook Bolt Part g2 Option 2

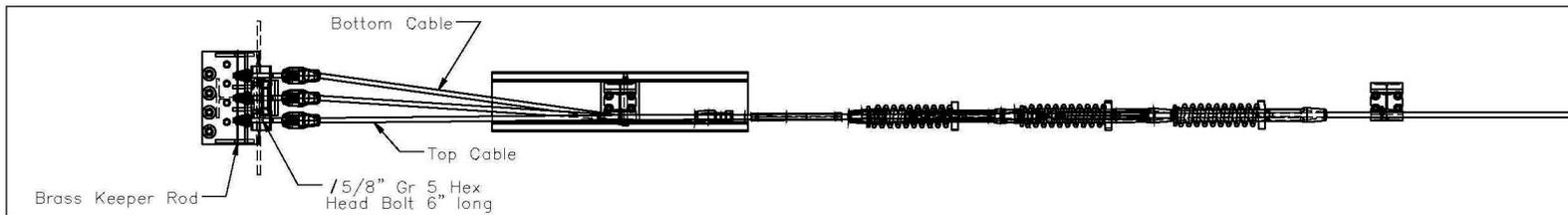


Soil Plate Part g3



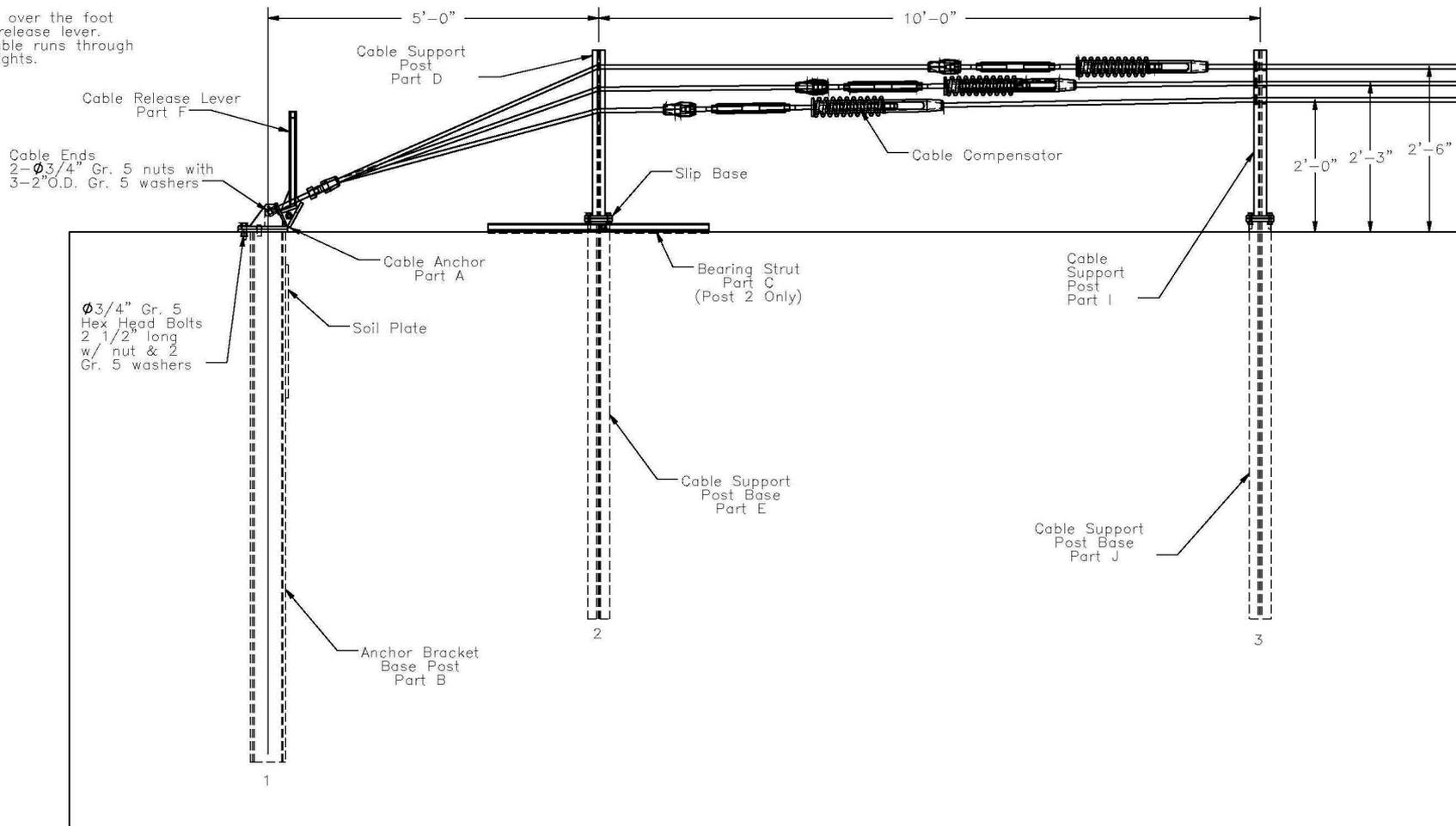
Midwest Roadside Safety Facility

Cable on Slope		SHEET:	12 of 12
		DATE:	11/1/2006
Cable Linepost Part G Details		DRAWN BY:	GEP/CSS
		DWG. NAME:	CS-2
Midwest Roadside Safety Facility		SCALE:	None
		UNITS:	Inches
Midwest Roadside Safety Facility		REV. BY:	CME



NOTE:

All cables run over the foot of the cable release lever. The middle cable runs through the Lever uprights.



NOTE:

- 1) Use Grade 2 bolts, nuts, and washers
- 2) A36 Steel components (plate, angles, etc)



Midwest Roadside
Safety Facility

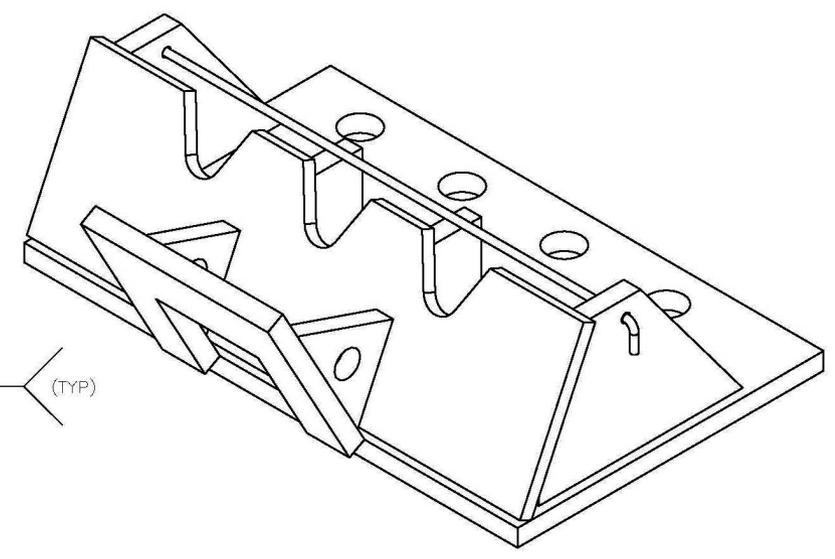
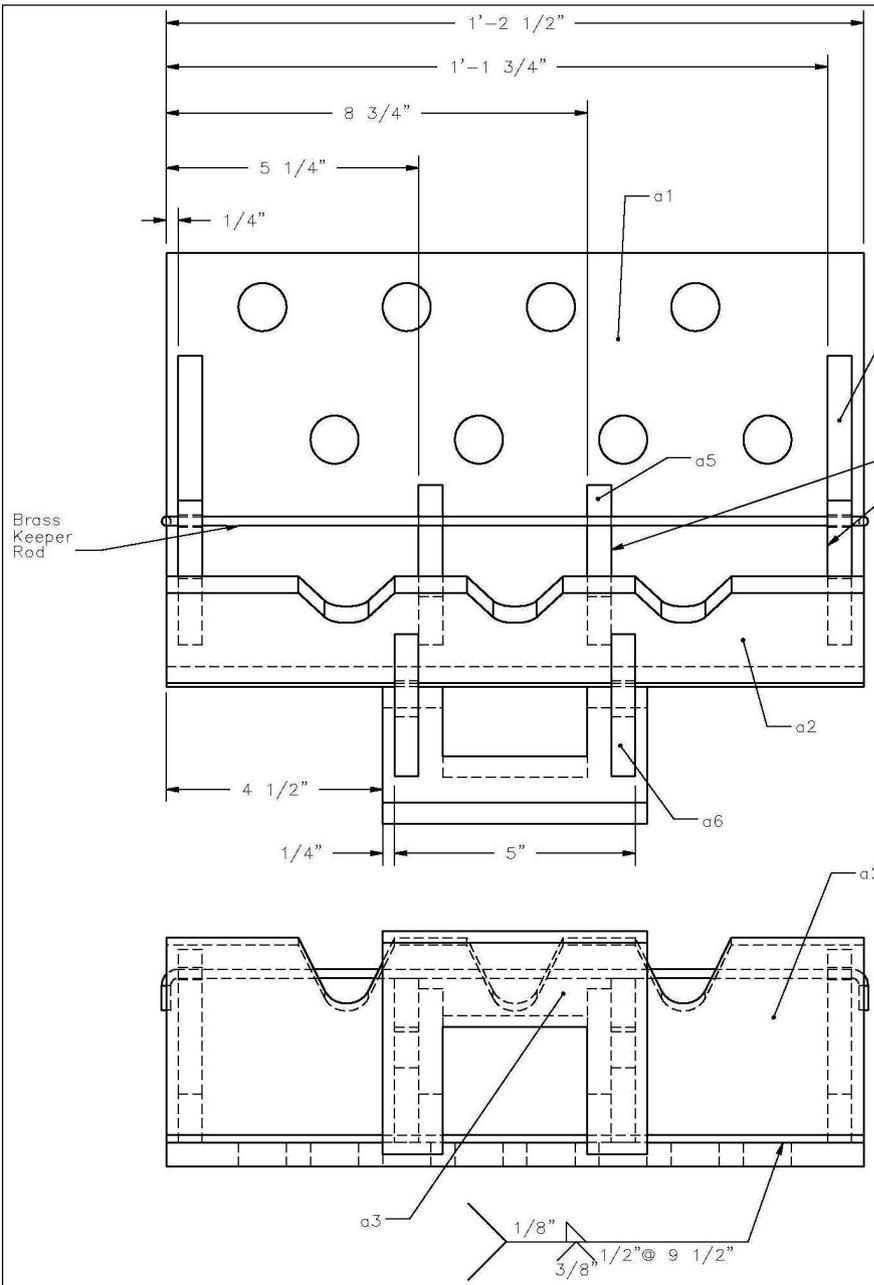
Cable on Slope

Cable Terminal Detail

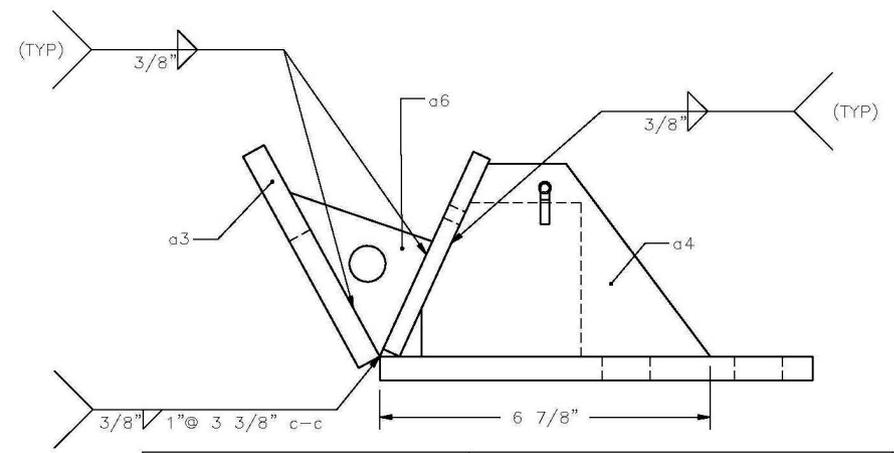
DWG. NAME:
CS-2

SCALE: None
UNITS: Inches

SHEET:
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DRAWN BY:
GEP/CSS
REV. BY:
CME



NOTE:
The lever retaining cable is a 1/4",
7x19 galvanized aircraft cable, 36" long
with 3 1/2" long loops and 1" clips.



Midwest Roadside
Safety Facility

Cable on Slope
Cable Anchor Bracket
Part A

DWG. NAME:
CS-2

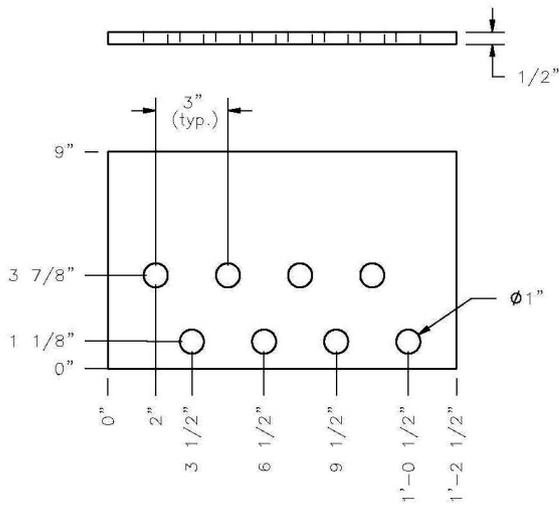
SCALE: None
UNITS: Inches

SHEET:
3 of 12

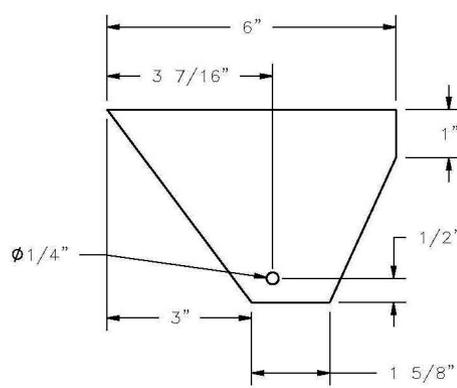
DATE:
11/1/2006

DRAWN BY:
GEP/CSS

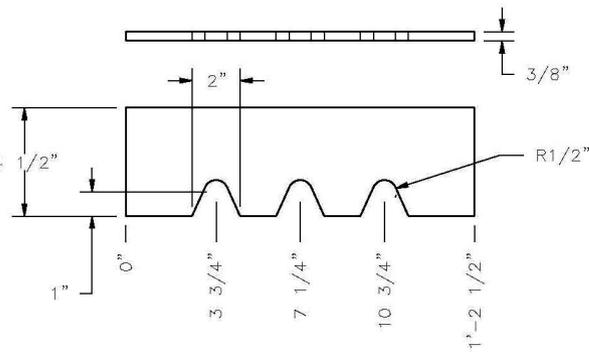
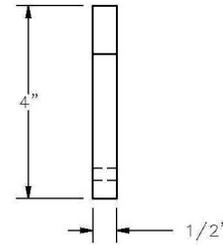
REV. BY:
CME



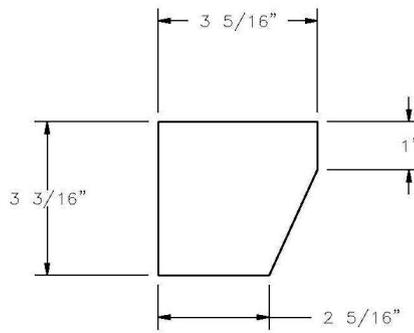
Anchor Bracket Plate
Part a1



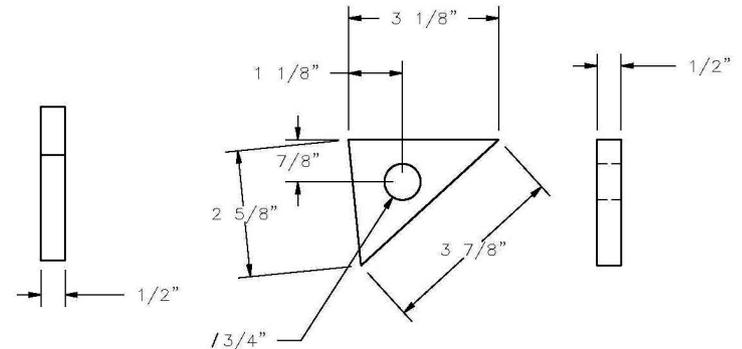
Exterior Cable Gusset
Part a4



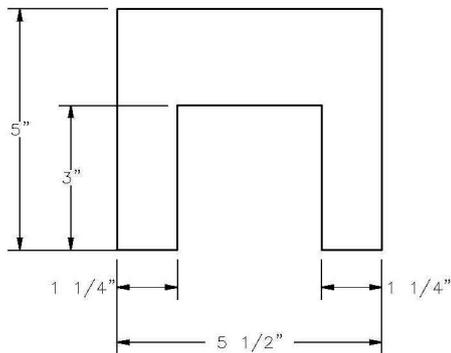
Cable Plate
Part a2



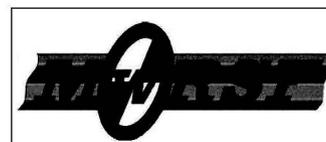
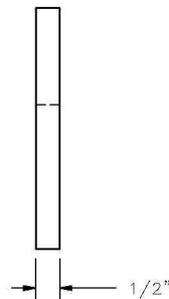
Interior Cable Gusset
Part a5



Release Lever Plate Gusset
Part a6



Release Lever Plate
Part a3



Midwest Roadside
Safety Facility

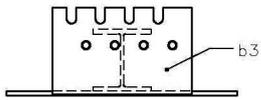
Cable on Slope

Cable Anchor Bracket
Part A Details

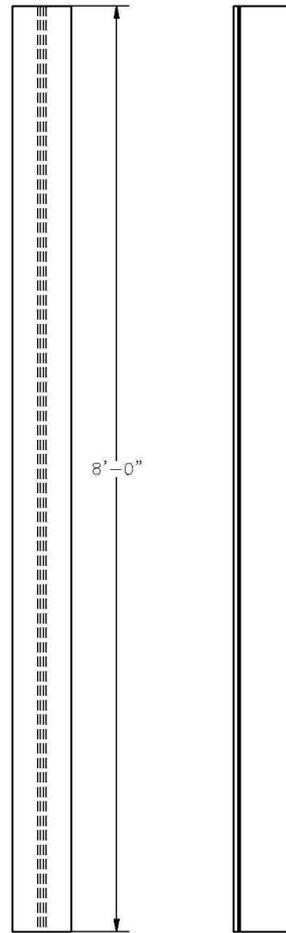
DWG. NAME:
CS-2

SCALE: None
UNITS: Inches

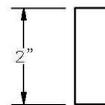
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DRAWN BY:
GEP/CSS
REV. BY:
CME



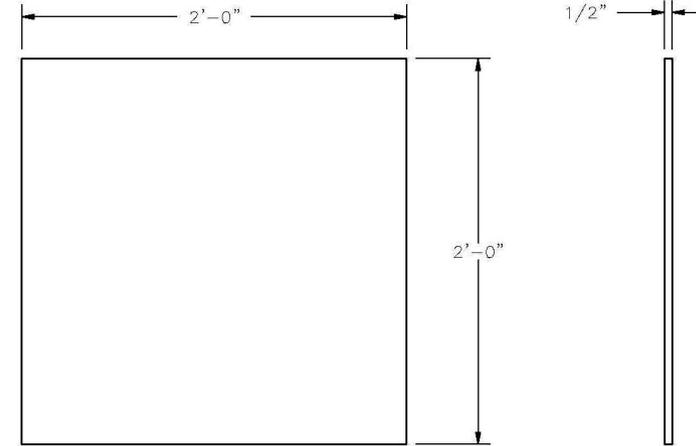
3/4" Rod, weld
in place from
beneath, 1/4" min.
fillet all-around.



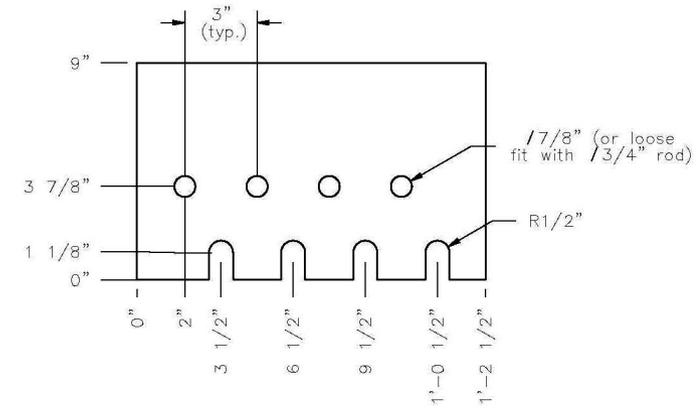
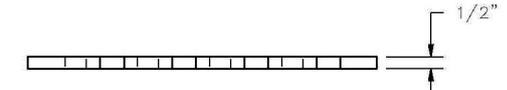
W6x25 Post
Part b1



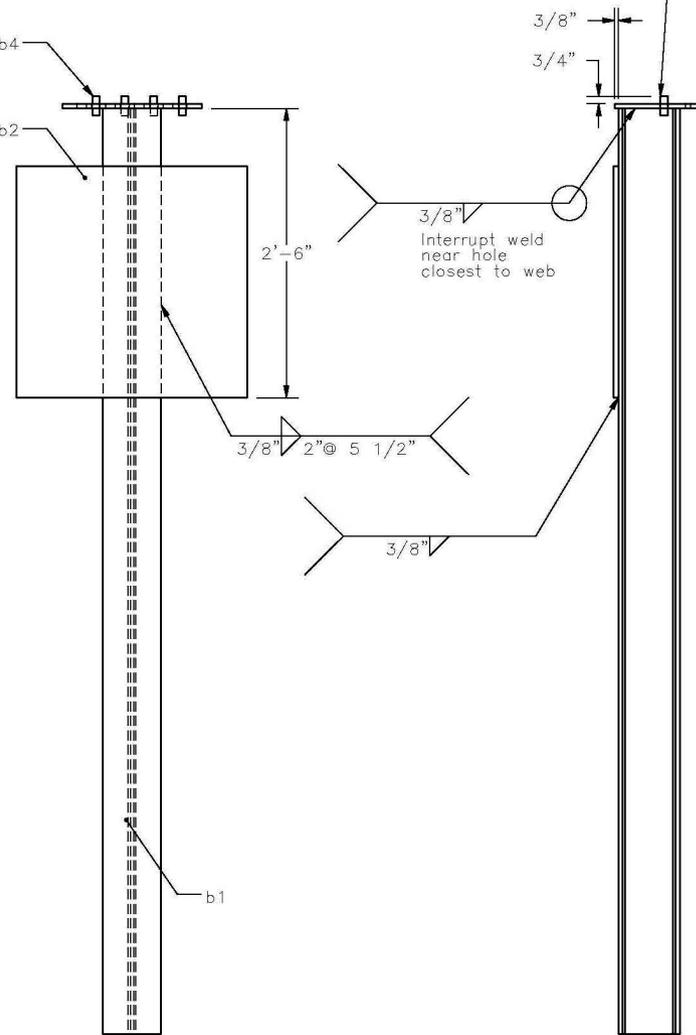
∅3/4" Rod
Part b4



Soil Plate
Part b2



Anchor Base Plate
Part b3



Anchor Bracket Base
Part B



Midwest Roadside
Safety Facility

Cable on Slope

Anchor Bracket Base
Part B

DWG. NAME:
CS-2

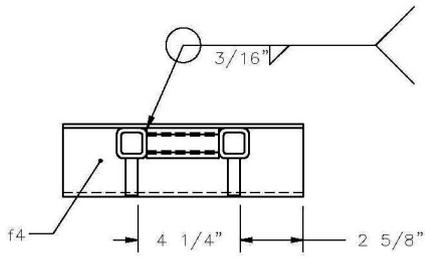
SCALE: None
UNITS: Inches

SHEET:
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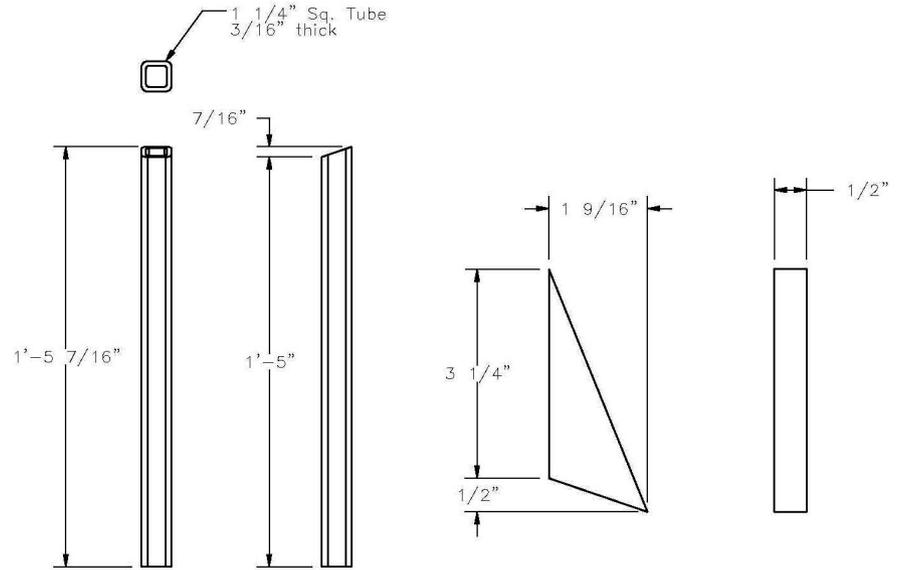
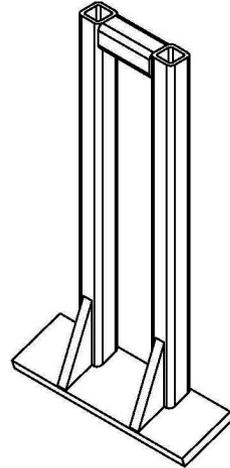
DATE:
11/1/2006

DRAWN BY:
GEP/CSS

REV. BY:
CME

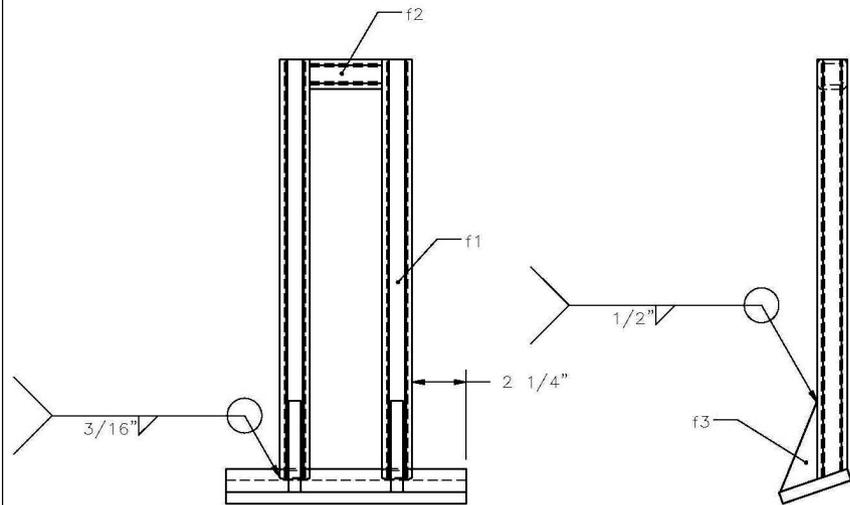


NOTE: The kicker lever should be flush with the top of the kicker plate, and the $3\ 1/4"$ leg of the kicker plate gusset should line up with the kicker lever, and the bottom of the kicker plate gusset should align with the bottom of the kicker plate.

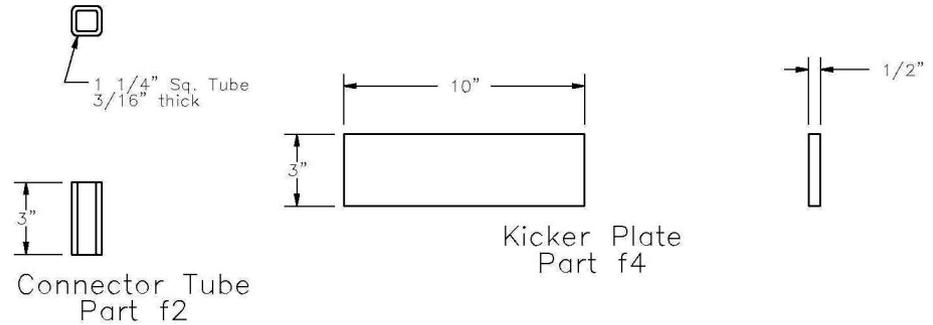


Kicker Lever Part f1

Kicker Plate Gusset Part f3



Cable Release Lever Part F



Connector Tube Part f2

Kicker Plate Part f4



Midwest Roadside Safety Facility

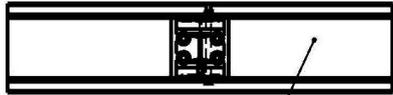
Cable on Slope

Cable Release Lever Part F Details

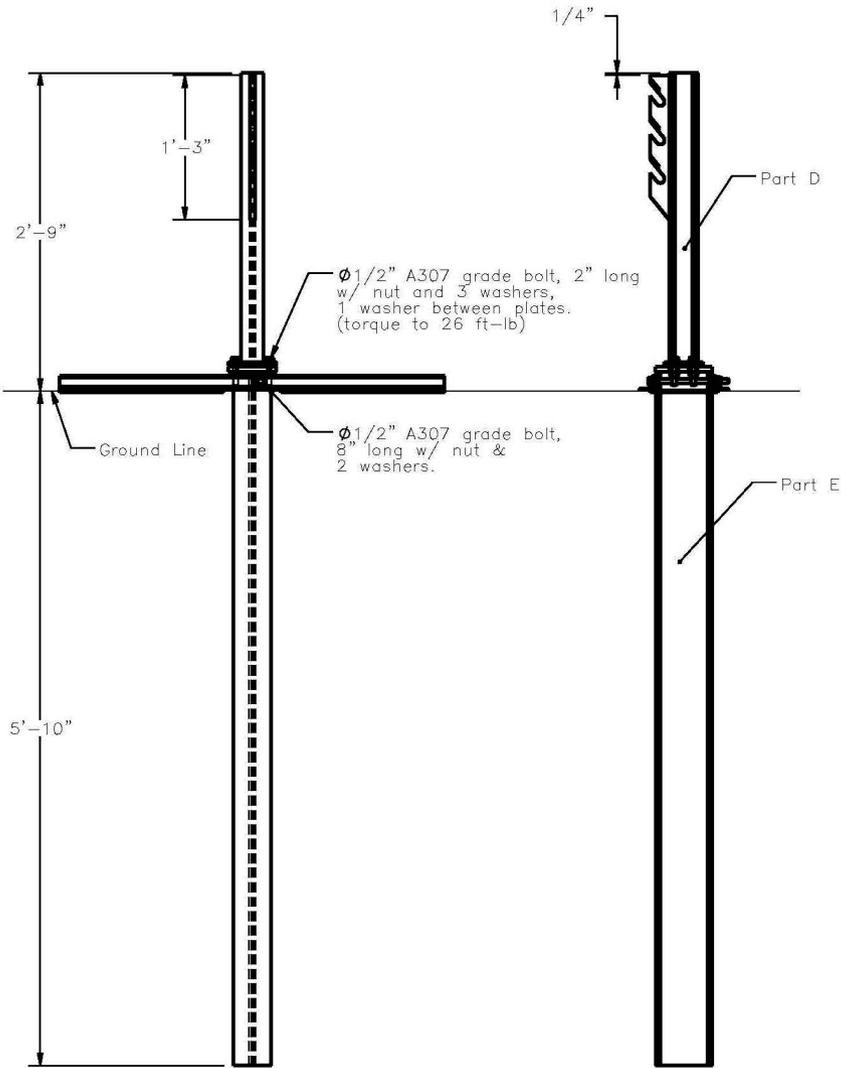
DWG. NAME:
CS-2

SCALE: None
UNITS: Inches

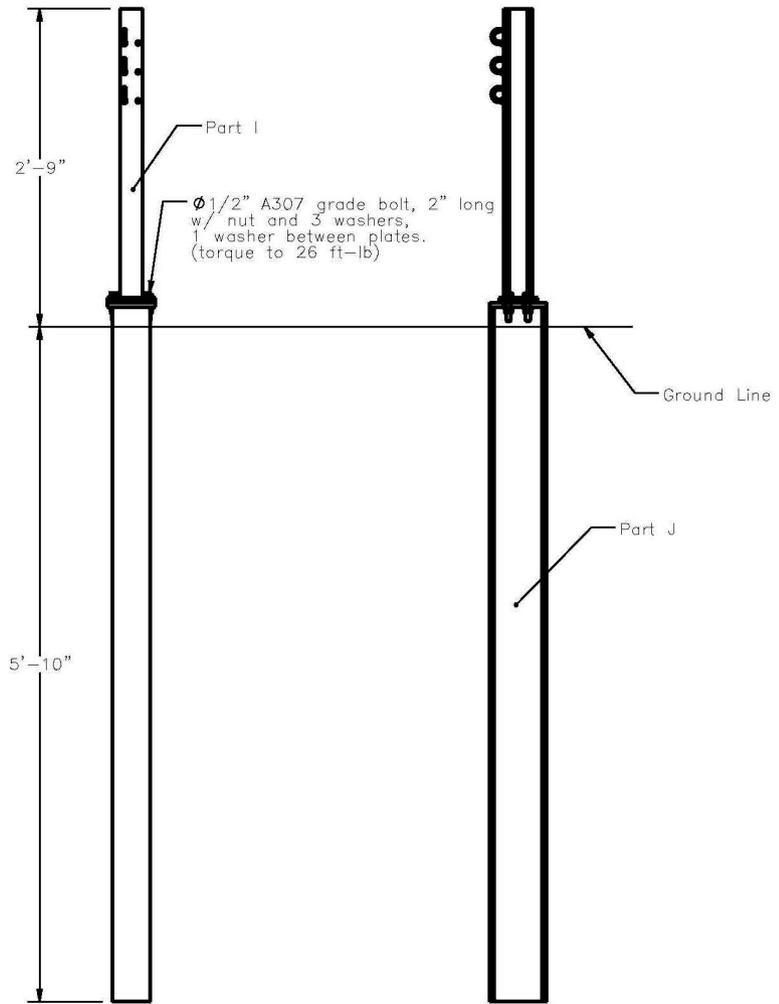
SHEET:
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DATE:
11/1/2006
DRAWN BY:
GEP/CSS
REV. BY:
CME



Part C
Post 2 & 91 Only



Cable Support Post
Post 2 & 91 Only



Cable Support Post
Post 3-7 & 86-90



Midwest Roadside
Safety Facility

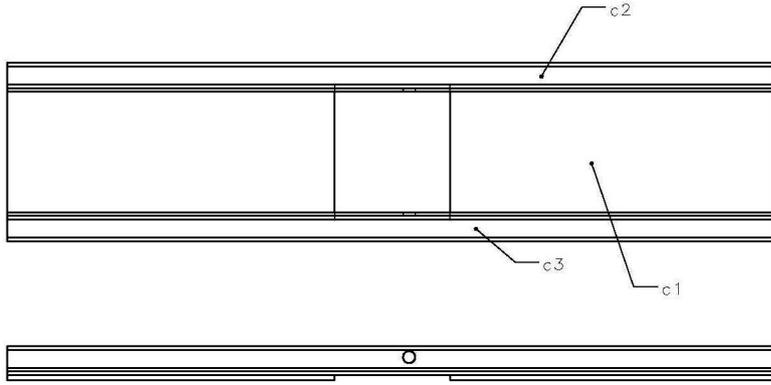
Cable on Slope

Cable Support Post
Post 2 & 91
Post 3-7 & 86-90

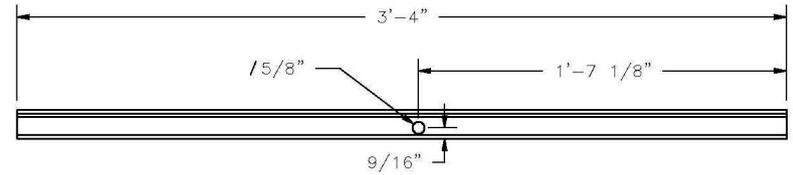
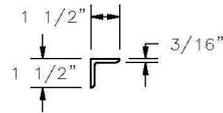
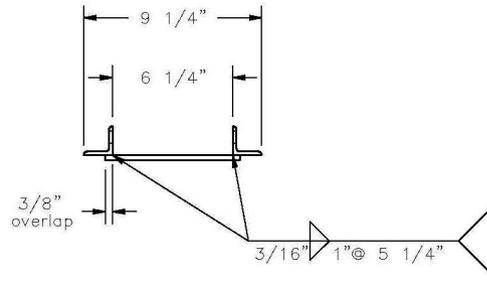
DWG. NAME:
CS-2

SCALE: None
UNITS: Inches

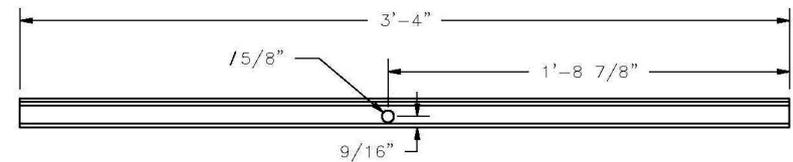
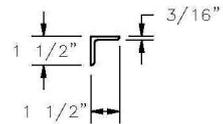
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GEP/CSS
REV. BY:
CME



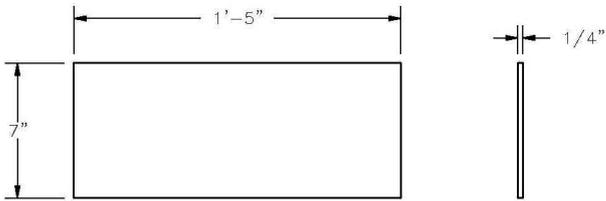
Bearing Strut
Part C (Post 2 & 90 Only)



Bearing Plate Brace
Part c2



Bearing Plate Brace
Part c3



Bearing Plate
Part c1



Midwest Roadside
Safety Facility

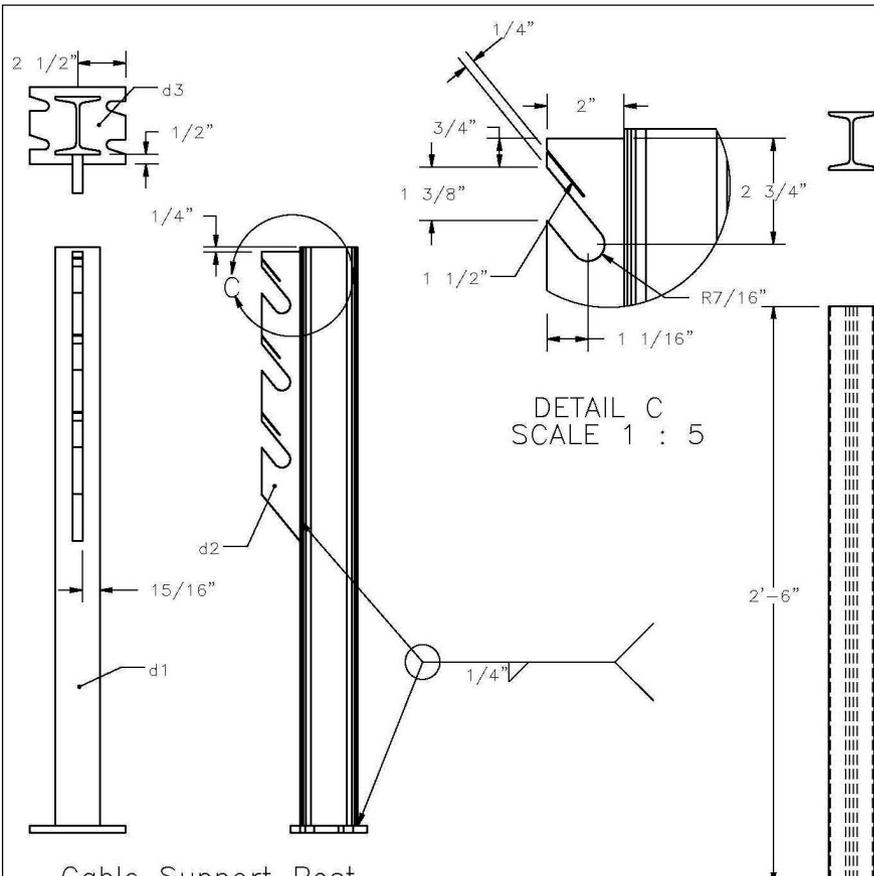
Cable on Slope

Bearing Strut
Part C Details

DWG. NAME:
CS-2

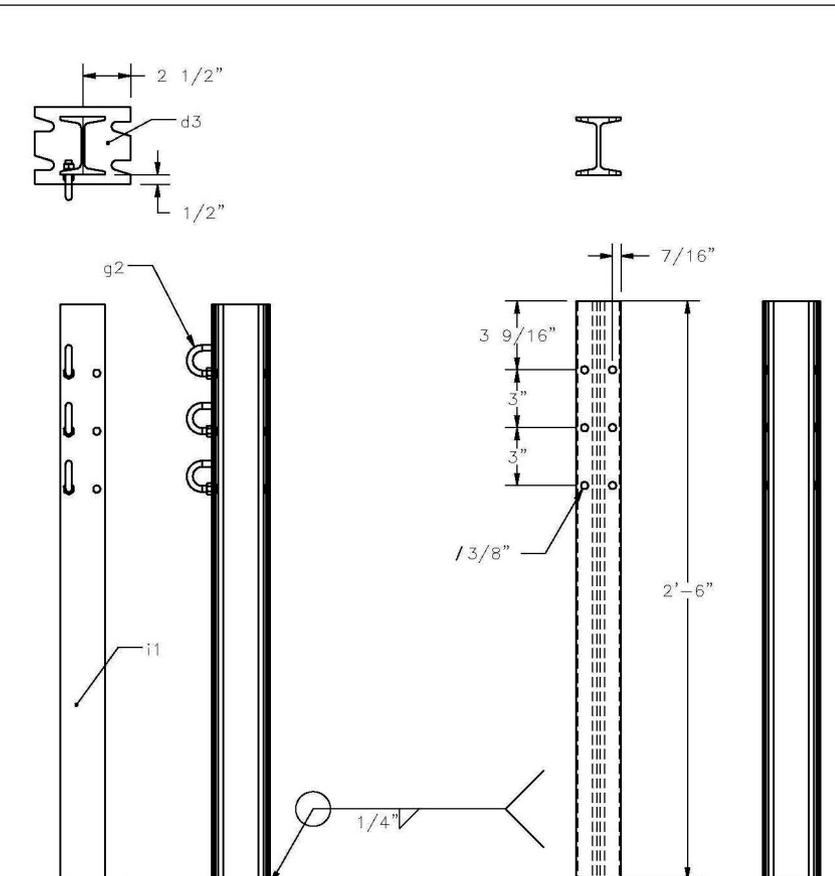
SCALE: None
UNITS: Inches

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DRAWN BY:
GEP/CSS
REV. BY:
CME



Cable Support Post Part D

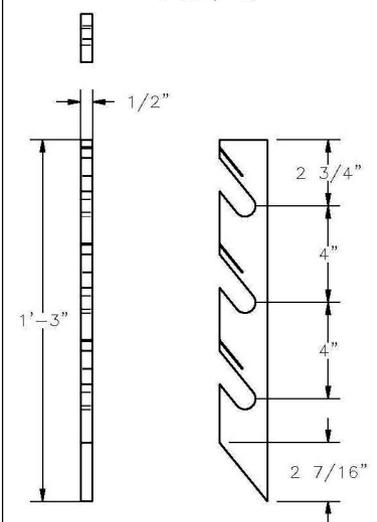
DETAIL C
SCALE 1 : 5



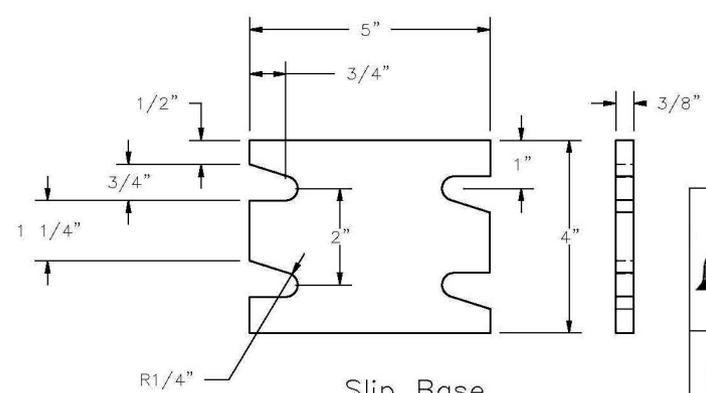
Cable Support Post Part I

S3x5.7 Post Part i1

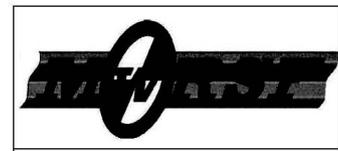
S3x5.7 Post Part d1



Cable Bracket Part d2



Slip Base Part d3



Midwest Roadside Safety Facility

Cable on Slope		SHEET: 9 of 12
Cable Support Post Top Details Part D & I Details		DATE: 11/1/2006
		DRAWN BY: GEP/CSS
DWG. NAME: CS-2	SCALE: None UNITS: Inches	REV. BY: CME