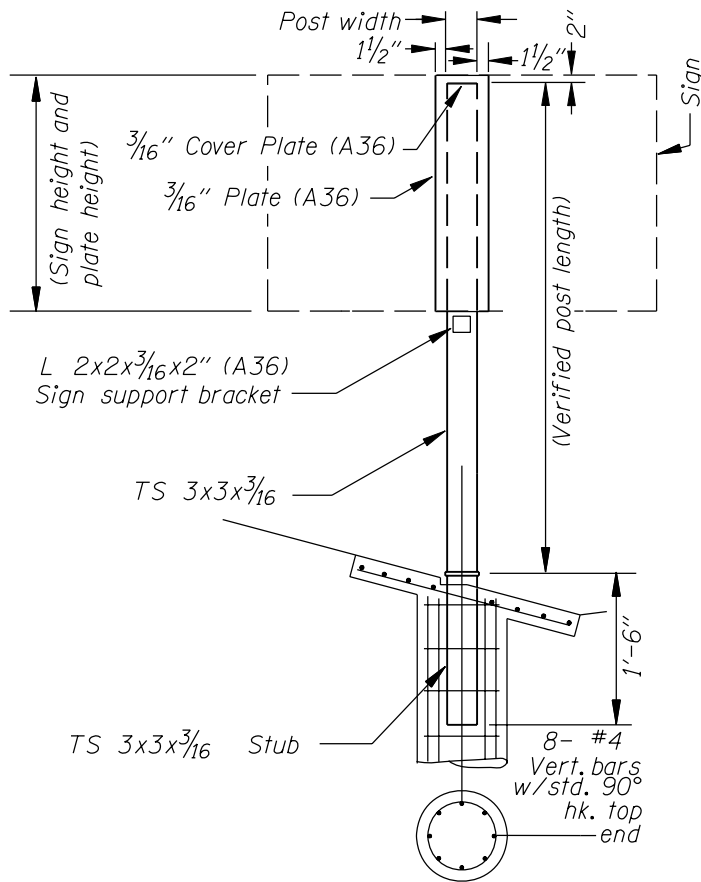


# CONSULTANT ENGLISH STEEL DRAWINGS

## INDEX

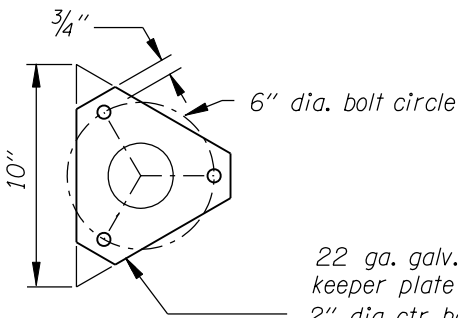
<u>Sheet #</u>	<u>Description</u>
<a href="#">Sheet 01</a> .....	3 x 3 TBB (no "H" frame) Fill Slope
<a href="#">Sheet 02</a> .....	3 x 3 TBB (no "H" frame) Cut Slope
<a href="#">Sheet 03</a> .....	3.5 x 3.5 TBB (no "H" frame) Fill Slope
<a href="#">Sheet 04</a> .....	3.5 x 3.5 TBB (no "H" frame) Cut Slope
<a href="#">Sheet 05</a> .....	4 x 4 TBB (no "H" frame) Fill Slope
<a href="#">Sheet 06</a> .....	4 x 4 TBB (no "H" frame) Cut Slope
<a href="#">Sheet 07</a> .....	5 x 5 TBB (no "H" frame) Fill Slope
<a href="#">Sheet 08</a> .....	5 x 5 TBB (no "H" frame) Cut Slope
<a href="#">Sheet 09</a> .....	6 x 6 TBB (no "H" frame) Fill Slope
<a href="#">Sheet 10</a> .....	6 x 6 TBB (no "H" frame) Cut Slope
<a href="#">Sheet 11</a> .....	7 x 7 TBB (no "H" frame) Fill Slope
<a href="#">Sheet 12</a> .....	7 x 7 TBB (no "H" frame) Cut Slope
<a href="#">Sheet 13</a> .....	8 x 8 TBB (no "H" frame) Fill Slope
<a href="#">Sheet 14</a> .....	8 x 8 TBB (no "H" frame) Cut Slope
<a href="#">Sheet 15</a> .....	3 x 3 TBB (with "H" frame) Fill Slope
<a href="#">Sheet 16</a> .....	3 x 3 TBB (with "H" frame) Cut Slope
<a href="#">Sheet 17</a> .....	3.5 x 3.5 TBB (with "H" frame) Fill Slope
<a href="#">Sheet 18</a> .....	3.5 x 3.5 TBB (with "H" frame) Cut Slope
<a href="#">Sheet 19</a> .....	4 x 4 TBB (with "H" frame) Fill Slope
<a href="#">Sheet 20</a> .....	4 x 4 TBB (with "H" frame) Cut Slope
<a href="#">Sheet 21</a> .....	5 x 5 TBB (with "H" frame) Fill Slope
<a href="#">Sheet 22</a> .....	5 x 5 TBB (with "H" frame) Cut Slope
<a href="#">Sheet 23</a> .....	6 x 6 TBB (with "H" frame) Fill Slope
<a href="#">Sheet 24</a> .....	6 x 6 TBB (with "H" frame) Cut Slope
<a href="#">Sheet 25</a> .....	7 x 7 TBB (with "H" frame) Fill Slope
<a href="#">Sheet 26</a> .....	7 x 7 TBB (with "H" frame) Cut Slope
<a href="#">Sheet 27</a> .....	8 x 8 TBB (with "H" frame) Fill Slope
<a href="#">Sheet 28</a> .....	8 x 8 TBB (with "H" frame) Cut Slope
<a href="#">Sheet 29</a> .....	6 x 9 MPB
<a href="#">Sheet 30</a> .....	6 x 12 MPB
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<a href="#">Sheet 38</a> .....	14 x 30 MPB
<a href="#">Sheet 39</a> .....	Signal Pole Mounts
<a href="#">Sheet 40</a> .....	Secondary Sign Supports

# FILL SLOPE



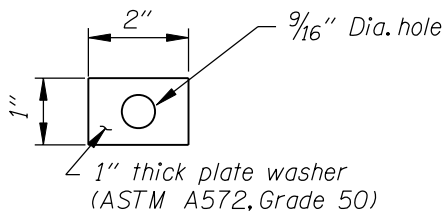
## BREAKAWAY SIGN POST

No Scale



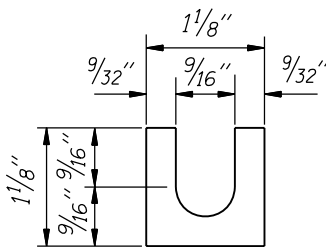
## KEEPER

No Scale



## PLATE "H"

No Scale



## BRASS SHIM DETAIL

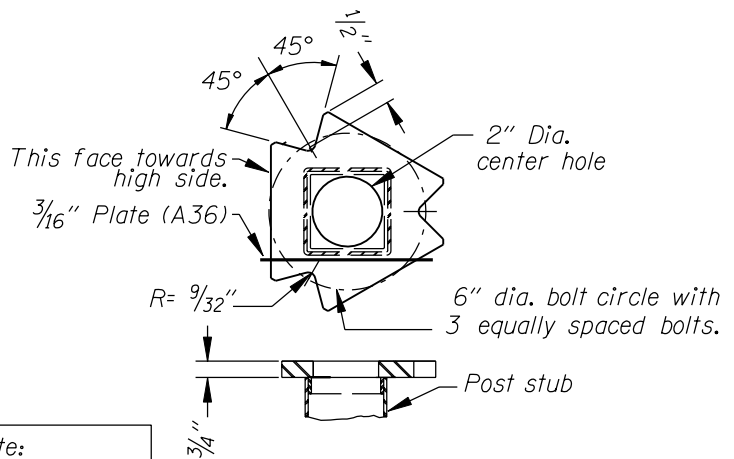
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
3x3x <sup>3</sup> / <sub>16</sub> Post	1
x6" x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
1'-6" 3x3x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 1/2"x4 <sup>3</sup> / <sub>4</sub> " Base plate bolt with nut and (3) hardened washers.	3
2 <sup>3</sup> / <sub>4</sub> " x 2 <sup>3</sup> / <sub>4</sub> " x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

DIRECTION OF TRAFFIC



## POST STUB DETAILS

No Scale

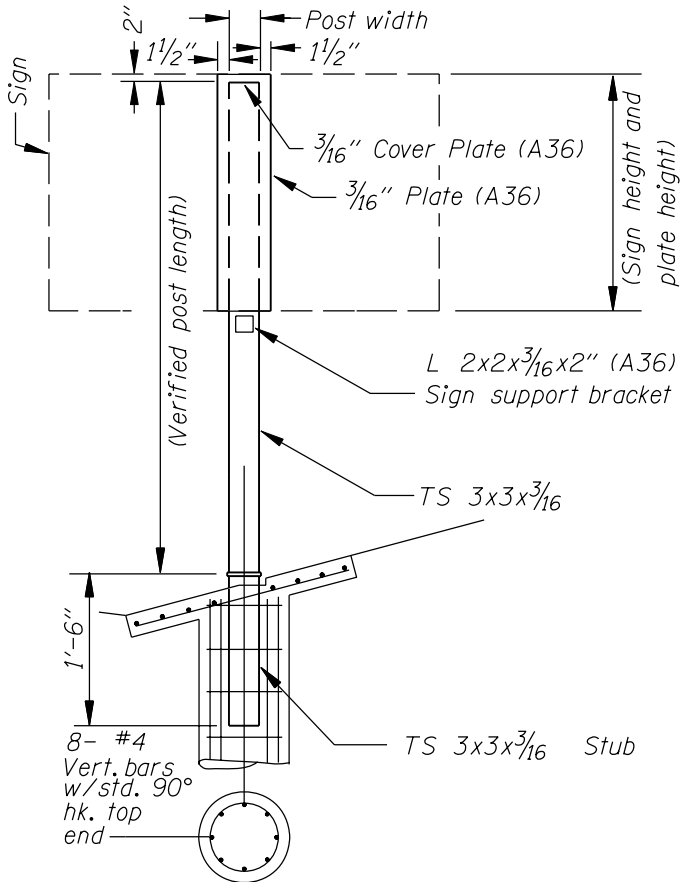
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# CUT SLOPE



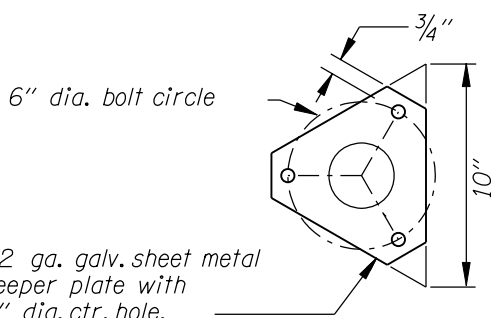
## BREAKAWAY SIGN POST

No Scale

MATERIAL DESCRIPTION	QUANTITY
3x3x <sup>3</sup> / <sub>16</sub> Post	1
x6"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
1'-6" 3x3x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 1/2"x4 <sup>3</sup> / <sub>4</sub> " Base plate bolt with nut and (3) hardened washers.	3
2 <sup>3</sup> / <sub>4</sub> "x2 <sup>3</sup> / <sub>4</sub> "x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

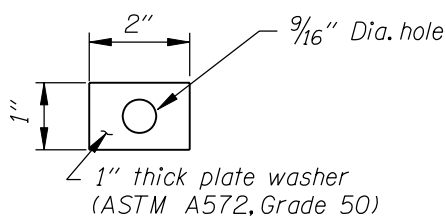
NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



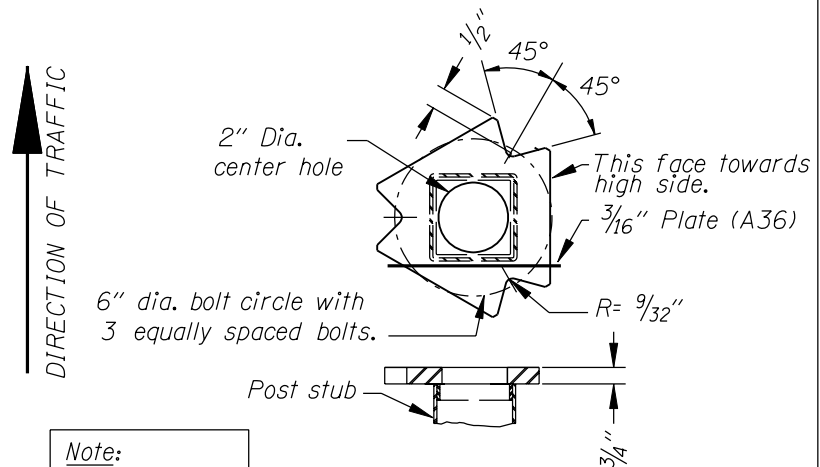
## KEEPER

No Scale



## PLATE "H"

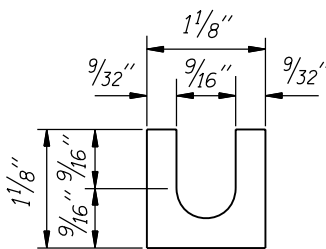
No Scale



## POST STUB DETAILS

No Scale

Note:  
 Post base plate details similar.



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

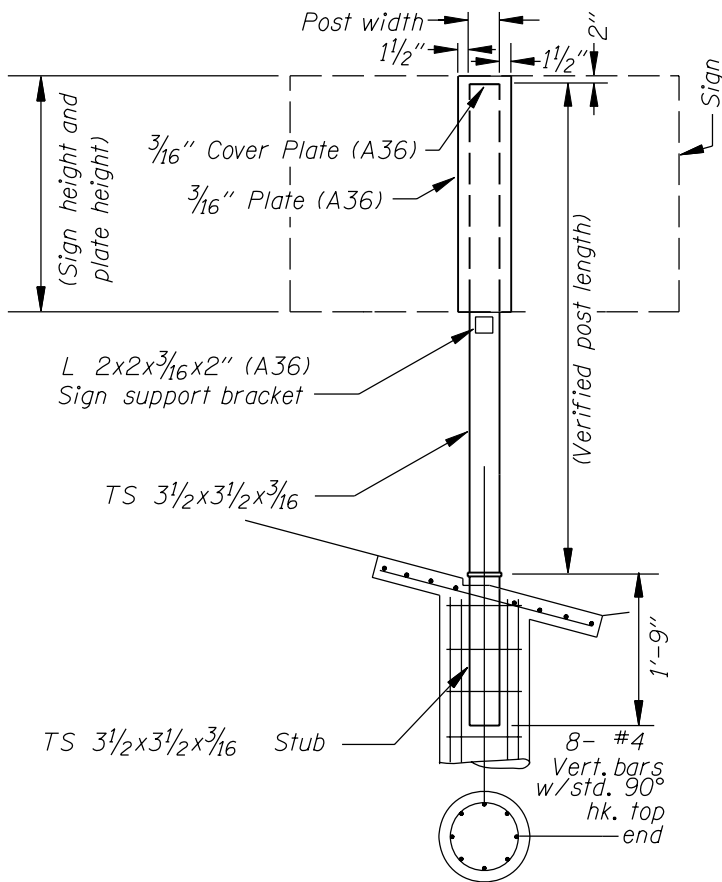
COMMENTS:

TS 3 1/2 x 3 1/2 x 3/16  
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:  
 SIGN NUMBER:

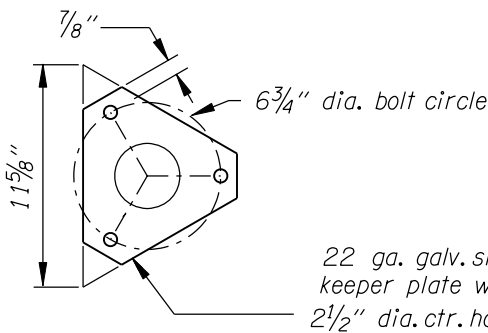
CONTRACT NO.

# FILL SLOPE



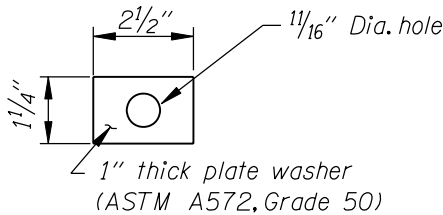
## BREAKAWAY SIGN POST

No Scale



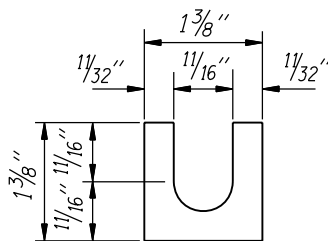
## KEEPER

No Scale



## PLATE "H"

No Scale



## BRASS SHIM DETAIL

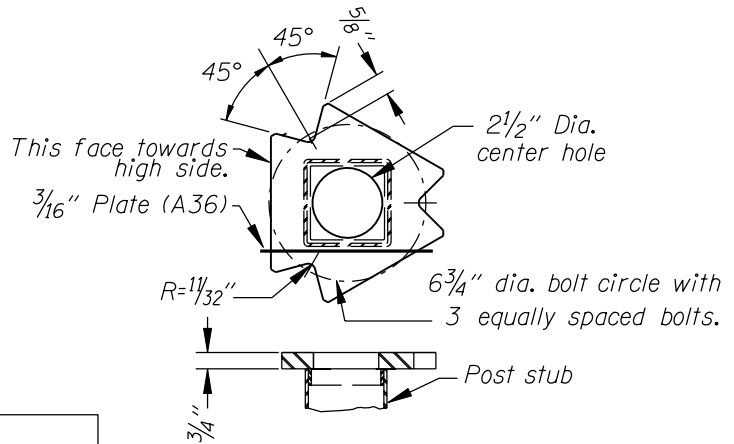
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
3 1/2 x 3 1/2 x 3/16 Post	1
x 6 1/2" x 3/16" Plate (A36)	1
1'-9" 3 1/2 x 3 1/2 x 3/16 Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 5/8" x 5" Base plate bolt with nut and (3) hardened washers.	3
3 1/4" x 3 1/4" x 3/16" Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

DIRECTION OF TRAFFIC



## POST STUB DETAILS

No Scale

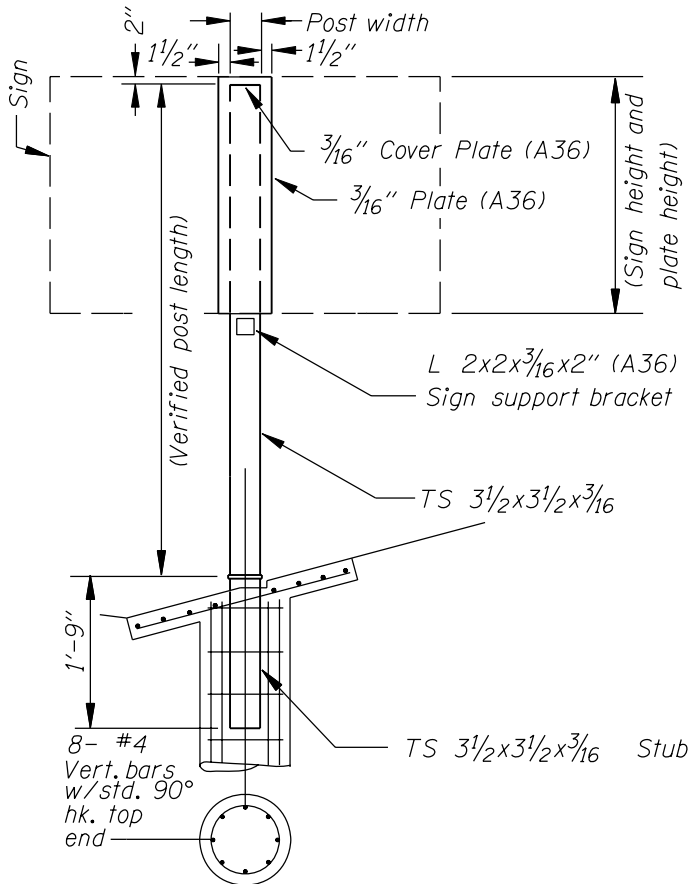
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# CUT SLOPE



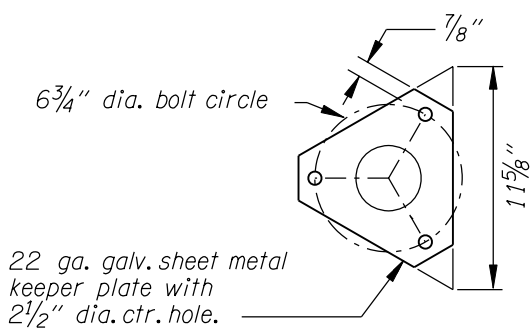
## BREAKAWAY SIGN POST

No Scale

MATERIAL DESCRIPTION	QUANTITY
3 1/2 x 3 1/2 x 3/16 Post	1
6 1/2" x 3/16" Plate (A36)	1
1'-9" 3 1/2 x 3 1/2 x 3/16 Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 5/8" x 5" Base plate bolt with nut and (3) hardened washers.	3
3 1/4" x 3 1/4" x 3/16" Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

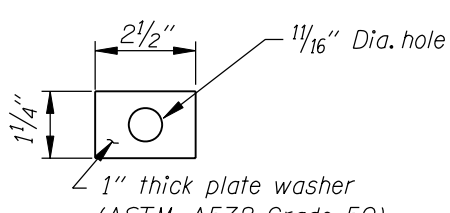
NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



## KEEPER

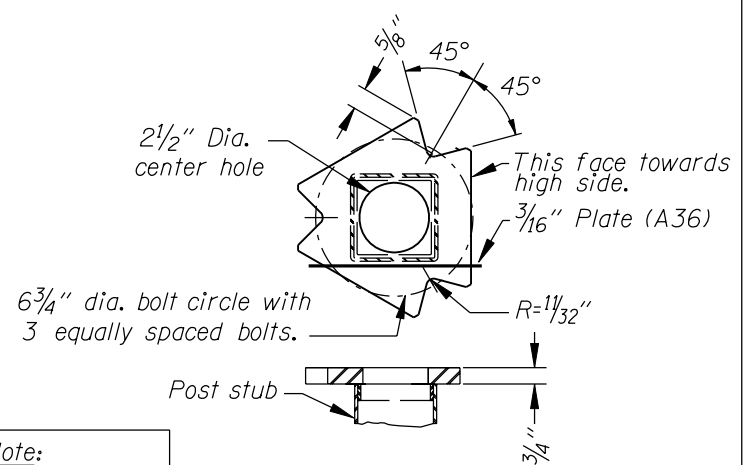
No Scale



## PLATE "H"

No Scale

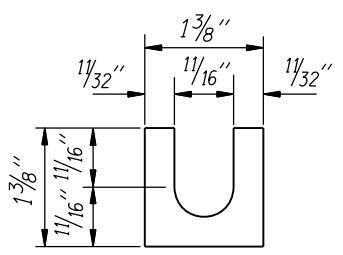
DIRECTION OF TRAFFIC



## POST STUB DETAILS

No Scale

Note:  
Post base plate details similar.



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

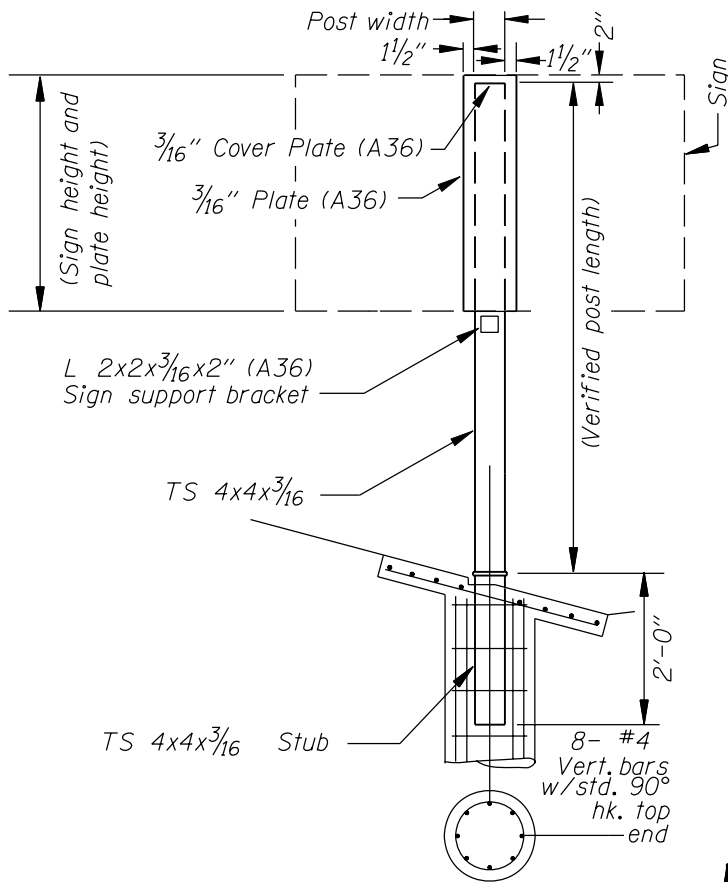
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# FILL SLOPE



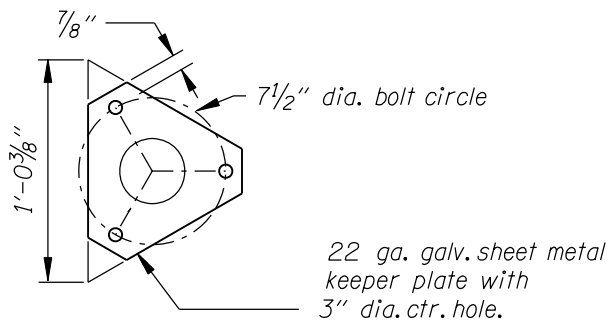
## BREAKAWAY SIGN POST

No Scale

NOTE: All dimensions are in inches (in.) except as noted.

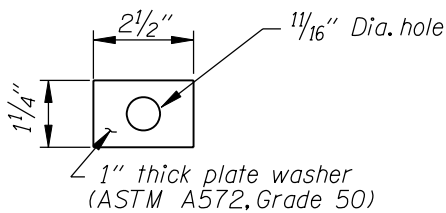
NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

MATERIAL DESCRIPTION	QUANTITY
4x4x <sup>3</sup> / <sub>16</sub> Post	1
x7"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
2'-0" 4x4x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 <sup>5</sup> / <sub>8</sub> "x <sup>5</sup> / <sub>2</sub> " Base plate bolt with nut and (3) hardened washers.	3
3 <sup>3</sup> / <sub>4</sub> "x3 <sup>3</sup> / <sub>4</sub> "x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4



## KEEPER

No Scale

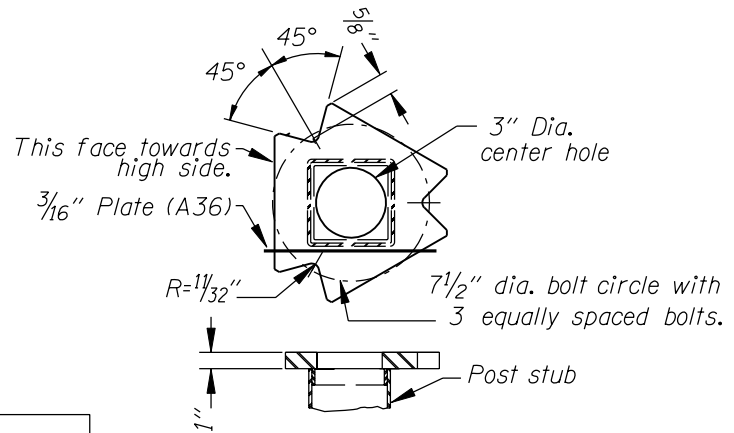


## PLATE "H"

No Scale

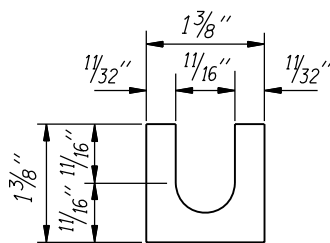
Note:  
 Post base plate details similar.

DIRECTION OF TRAFFIC



## POST STUB DETAILS

No Scale



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

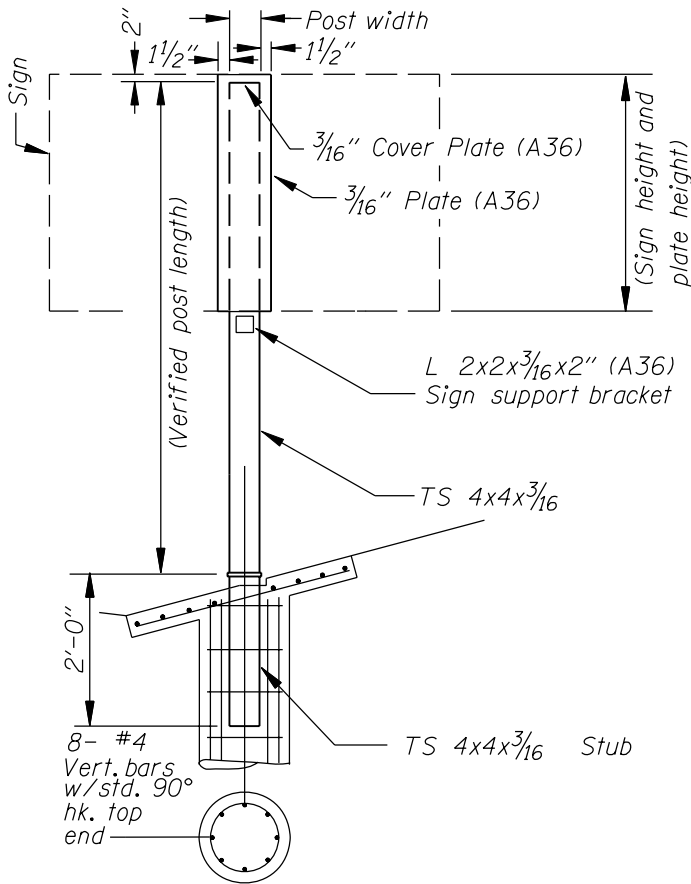
COMMENTS:

**TS 4x4x<sup>3</sup>/<sub>16</sub>**  
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:  
 SIGN NUMBER:

CONTRACT NO.

**CUT SLOPE**



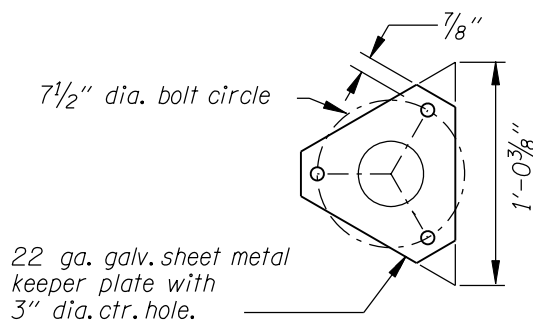
**BREAKAWAY SIGN POST**

No Scale

MATERIAL DESCRIPTION	QUANTITY
4x4x <sup>3</sup> / <sub>16</sub> Post	1
x7"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
2'-0" 4x4x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 5/8"x5 1/2" Base plate bolt with nut and (3) hardened washers.	3
3 3/4"x3 3/4"x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

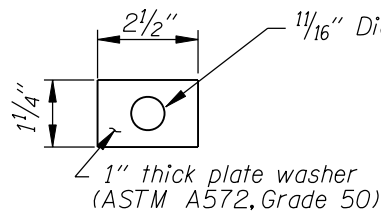
NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



**KEEPER**

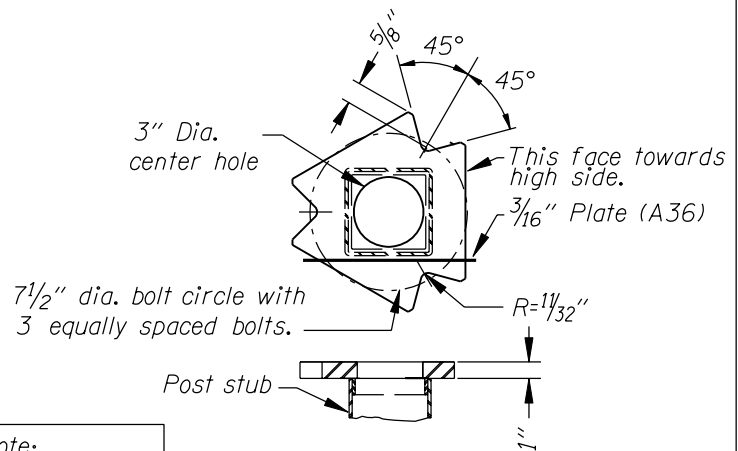
No Scale



**PLATE "H"**

No Scale

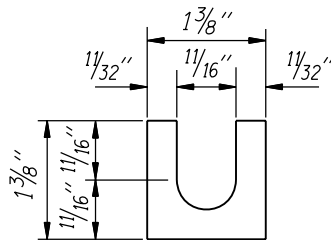
DIRECTION OF TRAFFIC



Note:  
 Post base plate details similar.

**POST STUB DETAILS**

No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

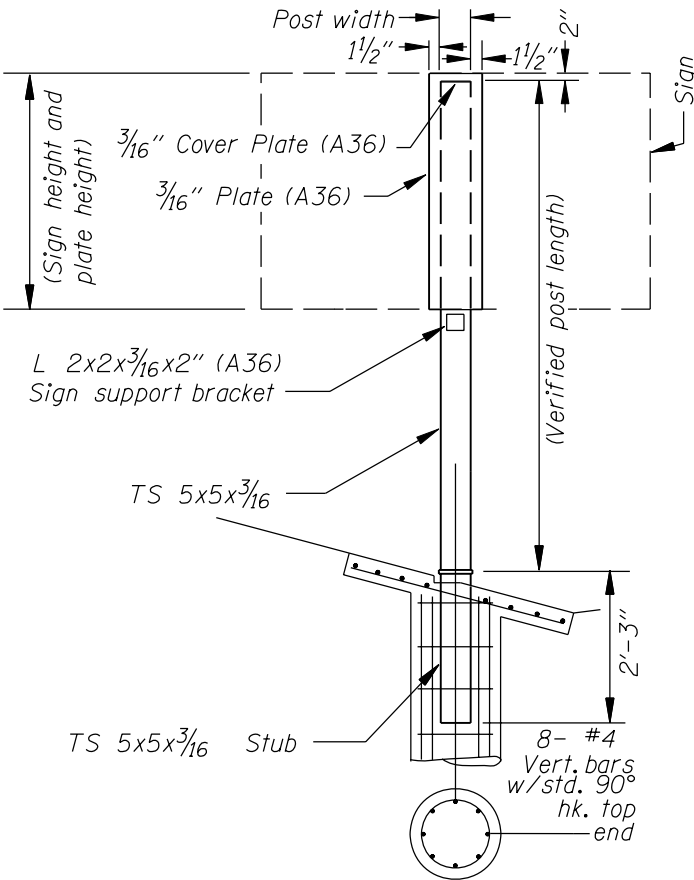
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

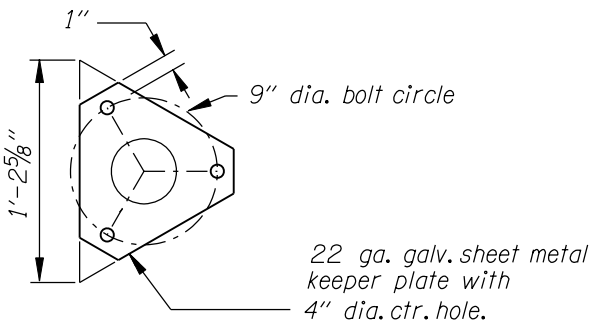
COMMENTS:

# FILL SLOPE



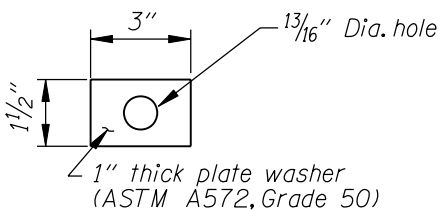
## BREAKAWAY SIGN POST

No Scale



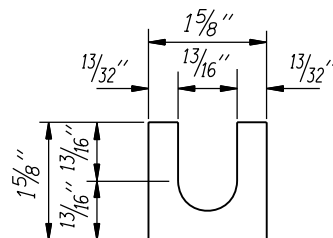
## KEEPER

No Scale



## PLATE "H"

No Scale



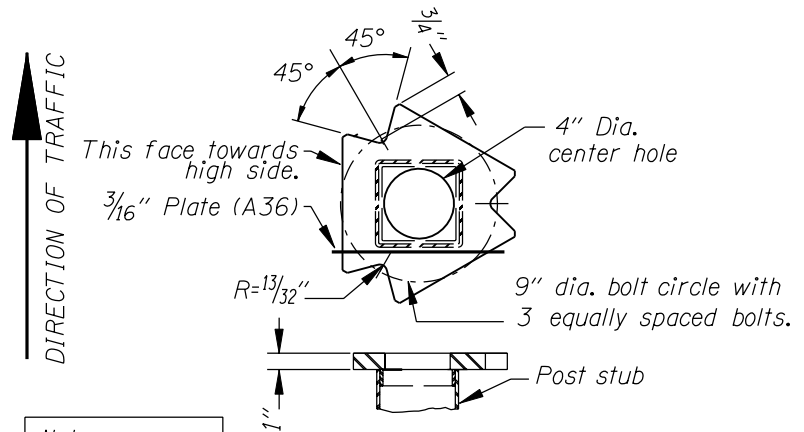
## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
5x5x <sup>3</sup> / <sub>16</sub> Post	1
x8"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
2'-3" 5x5x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 <sup>3</sup> / <sub>4</sub> "x <sup>5</sup> / <sub>2</sub> " Base plate bolt with nut and (3) hardened washers.	3
4 <sup>3</sup> / <sub>4</sub> "x4 <sup>3</sup> / <sub>4</sub> "x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



## POST STUB DETAILS

No Scale

(NAME OF CONSULTANT)

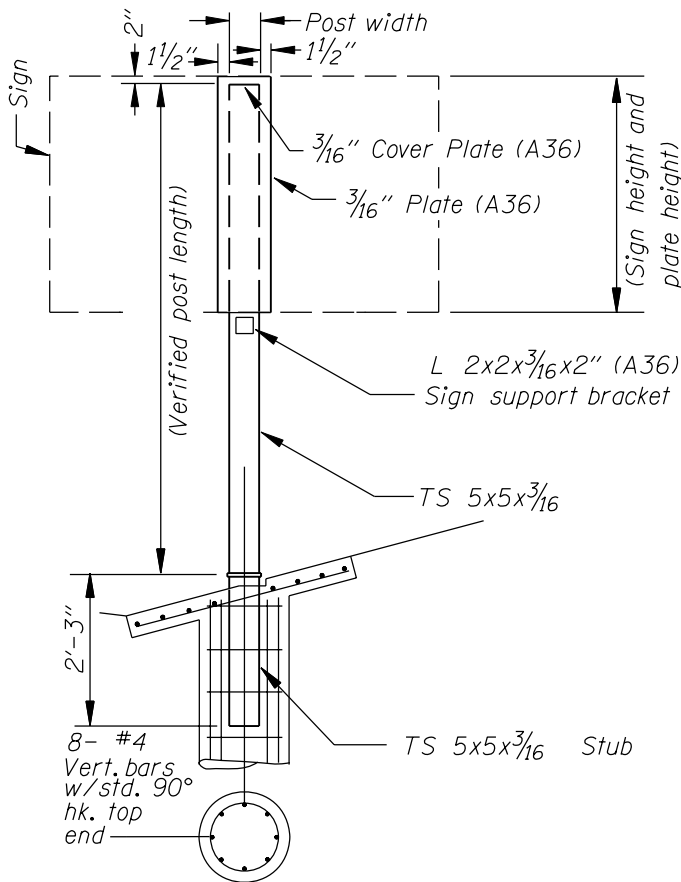
DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:



# CUT SLOPE



## BREAKAWAY SIGN POST

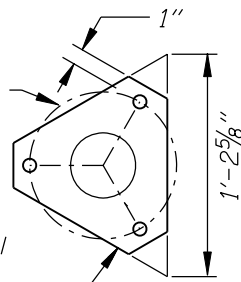
No Scale

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

MATERIAL DESCRIPTION	QUANTITY
5x5x <sup>3</sup> / <sub>16</sub> Post	1
x8"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
2'-3" 5x5x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 3/4"x5 1/2" Base plate bolt with nut and (3) hardened washers.	3
4 3/4"x4 3/4"x3/16" Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

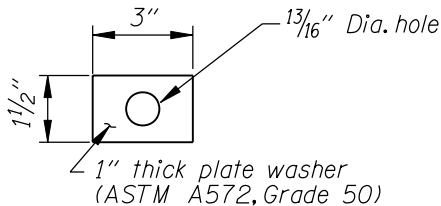
9" dia. bolt circle



22 ga. galv. sheet metal  
 keeper plate with  
 4" dia. ctr. hole.

## KEEPER

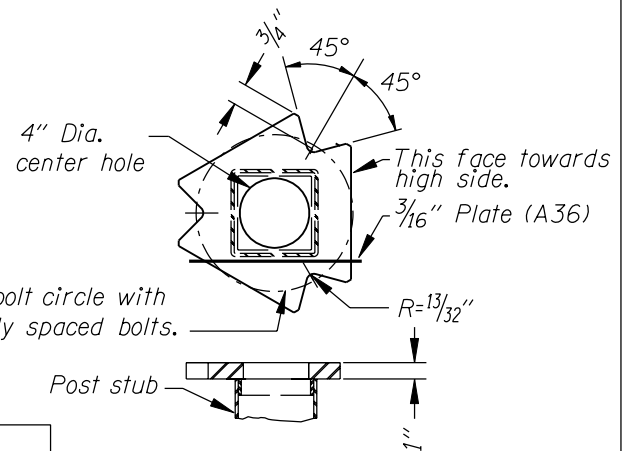
No Scale



## PLATE "H"

No Scale

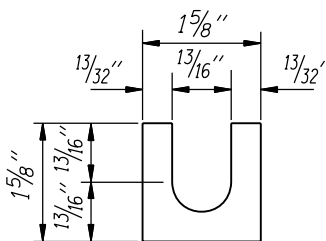
DIRECTION OF TRAFFIC



Note:  
 Post base plate  
 details similar.

## POST STUB DETAILS

No Scale



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and  
 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

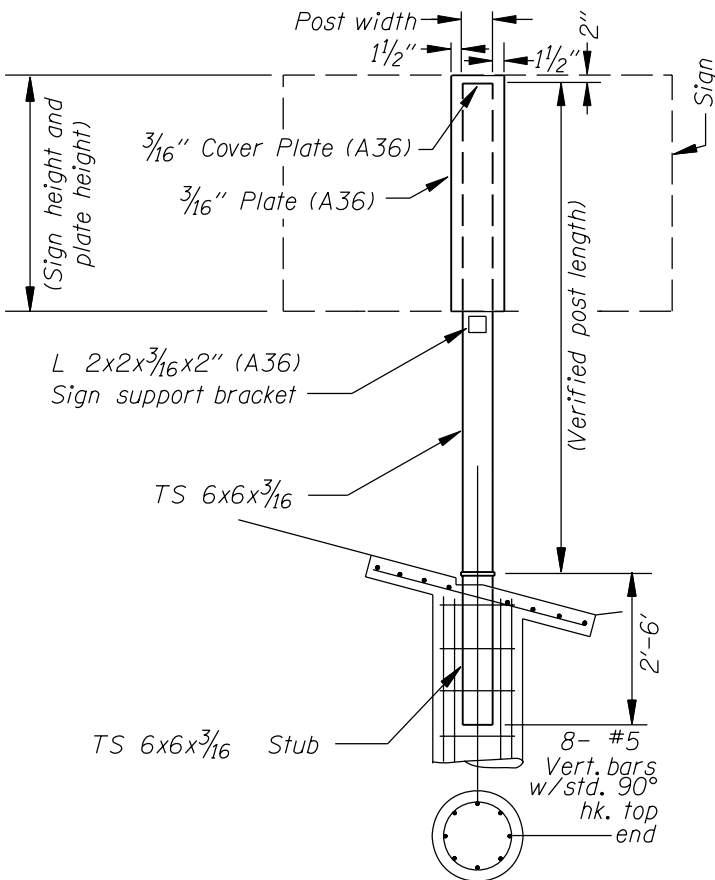
DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# FILL SLOPE

MATERIAL DESCRIPTION	QUANTITY
6x6x <sup>3</sup> / <sub>16</sub> Post	1
x9"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
2'-6" 6x6x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 <sup>7</sup> / <sub>8</sub> "x6 <sup>1</sup> / <sub>4</sub> " Base plate bolt with nut and (3) hardened washers.	3
5 <sup>3</sup> / <sub>4</sub> "x5 <sup>3</sup> / <sub>4</sub> "x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

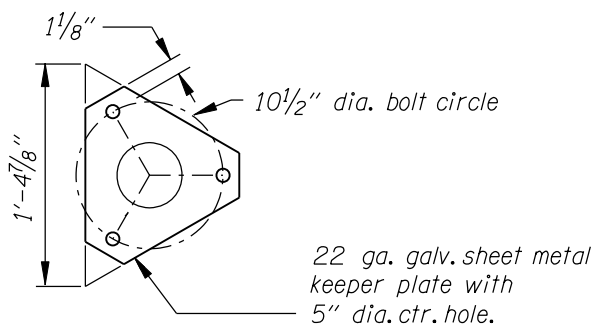


NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

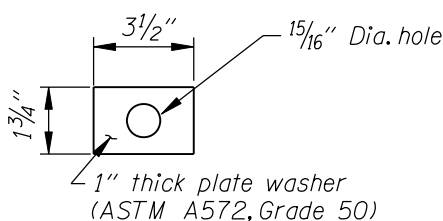
## BREAKAWAY SIGN POST

No Scale



## KEEPER

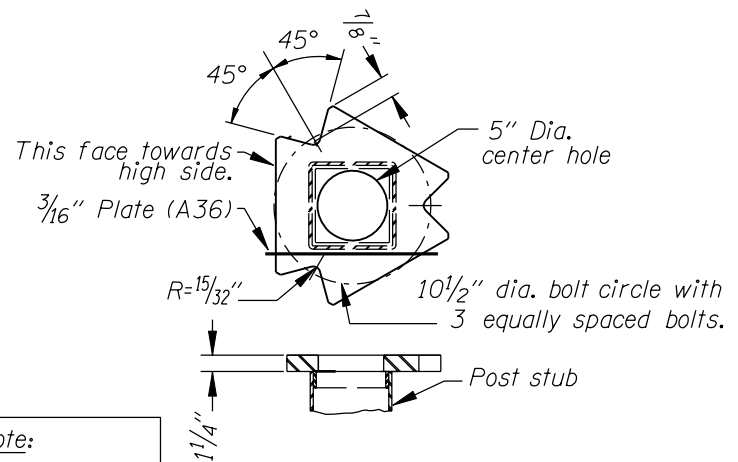
No Scale



## PLATE "H"

No Scale

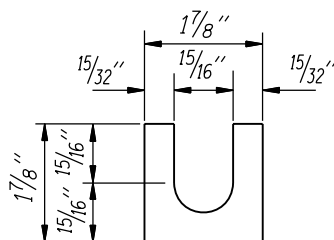
DIRECTION OF TRAFFIC



## POST STUB DETAILS

No Scale

Note:  
 Post base plate details similar.



## BRASS SHIM DETAIL

Provide 2 @ 0.012\" thick and 2 @ 0.032\" thick at each bolt.

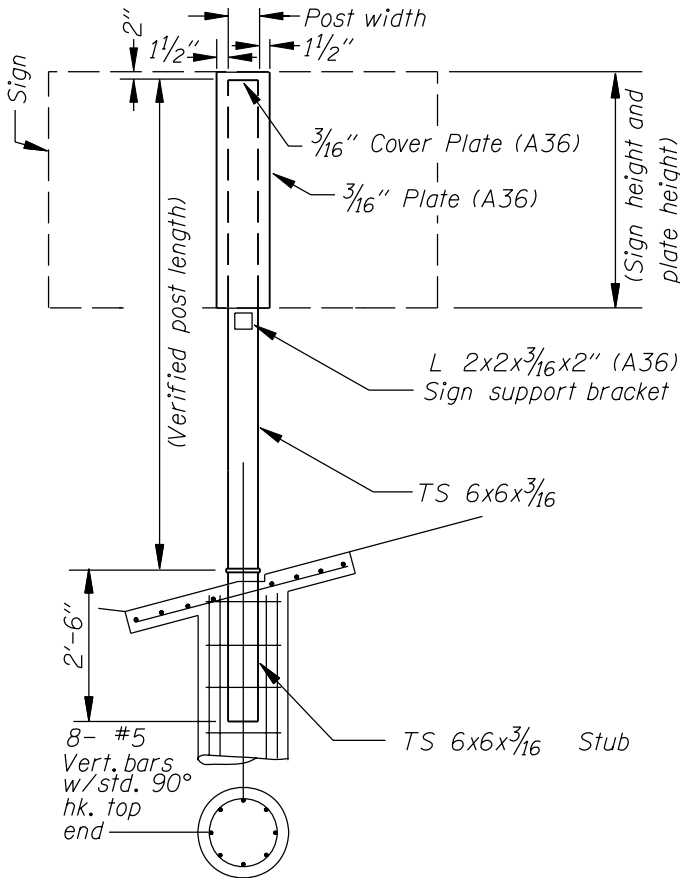
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

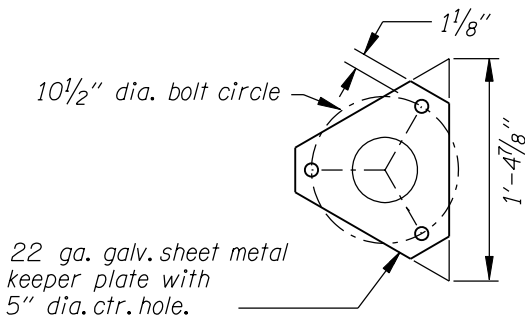
COMMENTS:

# CUT SLOPE



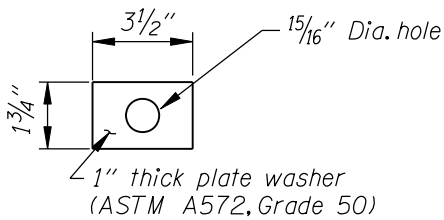
## BREAKAWAY SIGN POST

No Scale



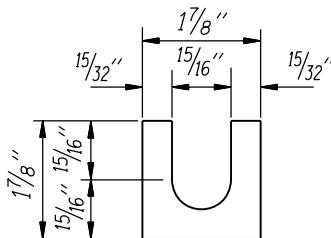
## KEEPER

No Scale



## PLATE "H"

No Scale



## BRASS SHIM DETAIL

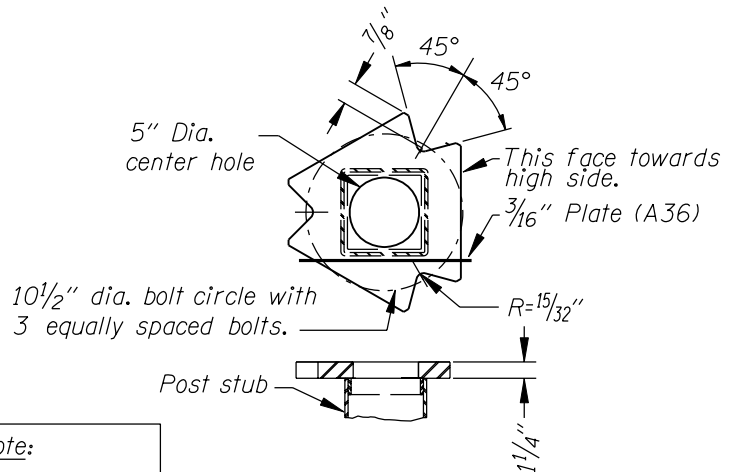
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
6x6x <sup>3</sup> / <sub>16</sub> Post	1
x9"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
2'-6" 6x6x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 7/8"x6 1/4" Base plate bolt with nut and (3) hardened washers.	3
5 3/4"x5 3/4"x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

DIRECTION OF TRAFFIC



## POST STUB DETAILS

No Scale

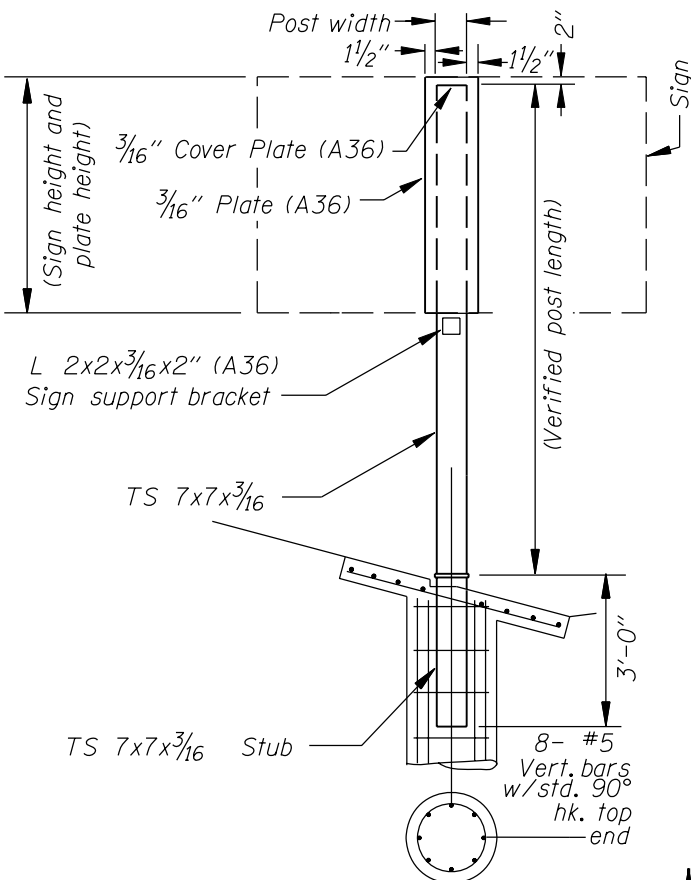
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

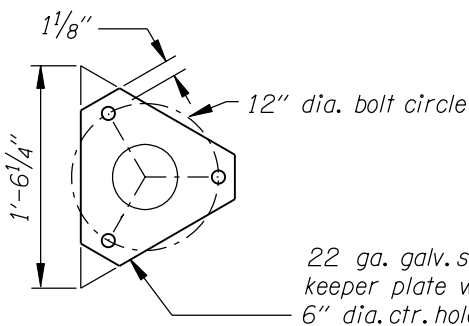
COMMENTS:

# FILL SLOPE



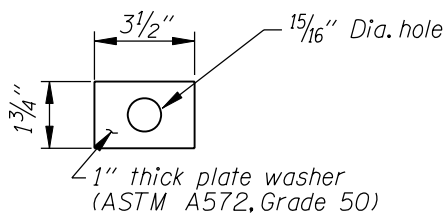
## BREAKAWAY SIGN POST

No Scale



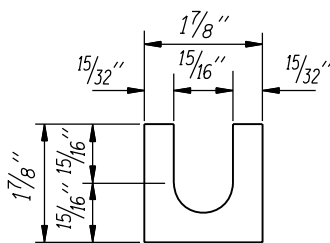
## KEEPER

No Scale



## PLATE "H"

No Scale



## BRASS SHIM DETAIL

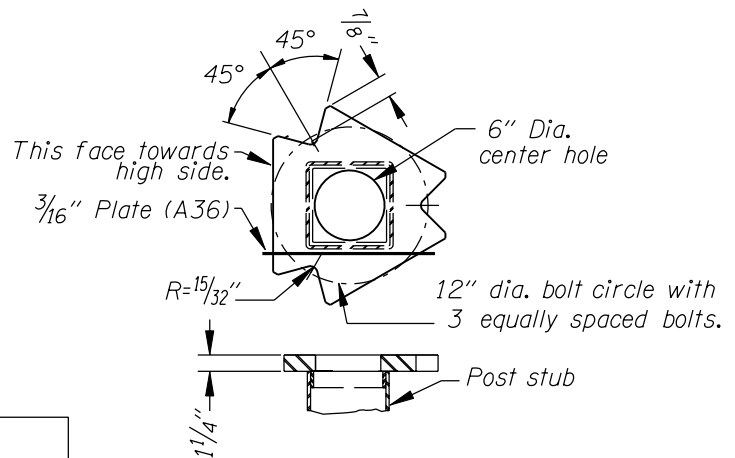
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
7x7x3/16 Post	1
x10"x3/16" Plate (A36)	1
3'-0" 7x7x3/16 Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 7/8"x6 1/4" Base plate bolt with nut and (3) hardened washers.	3
6 3/4"x6 3/4"x3/16" Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

DIRECTION OF TRAFFIC



## POST STUB DETAILS

No Scale

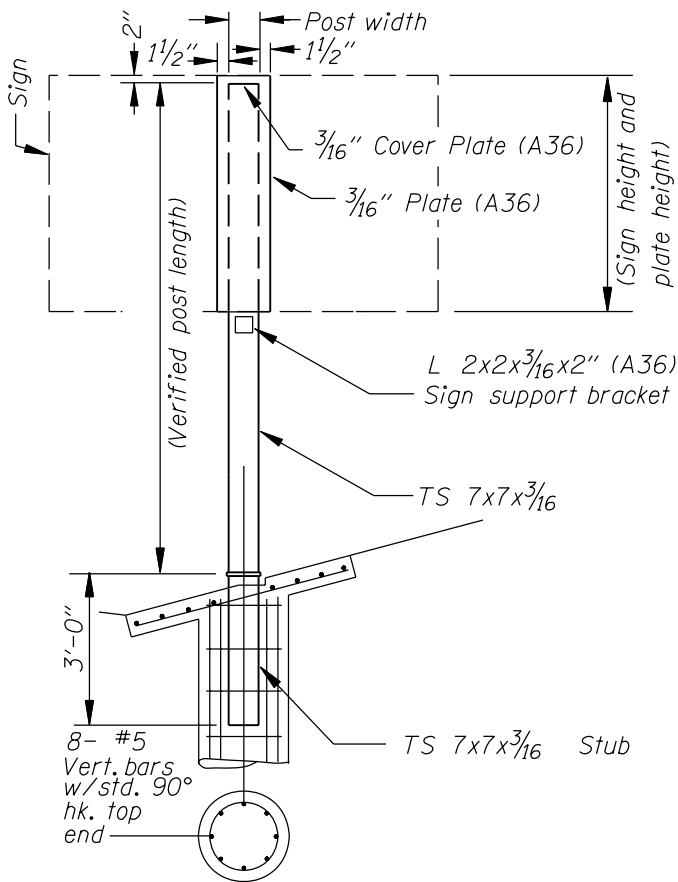
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

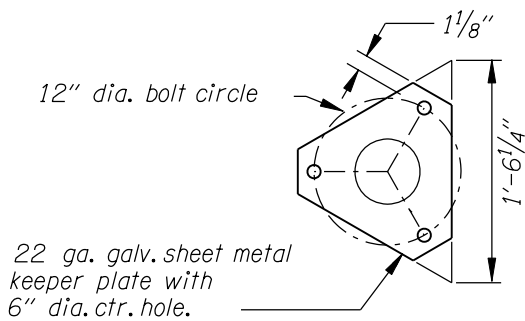
COMMENTS:

# CUT SLOPE



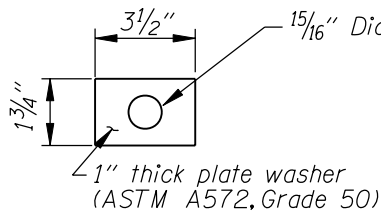
## BREAKAWAY SIGN POST

No Scale



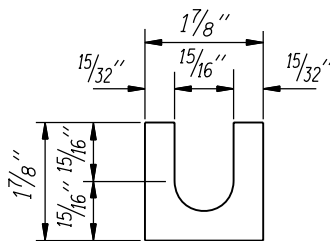
## KEEPER

No Scale



## PLATE "H"

No Scale



## BRASS SHIM DETAIL

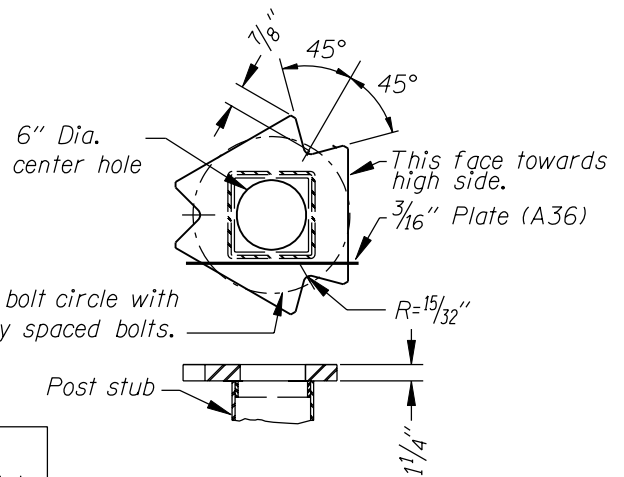
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
7x7x <sup>3</sup> / <sub>16</sub> Post	1
x10"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
3'-0" 7x7x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 7/8"x6 1/4" Base plate bolt with nut and (3) hardened washers.	3
6 3/4"x6 3/4"x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

DIRECTION OF TRAFFIC



## POST STUB DETAILS

No Scale

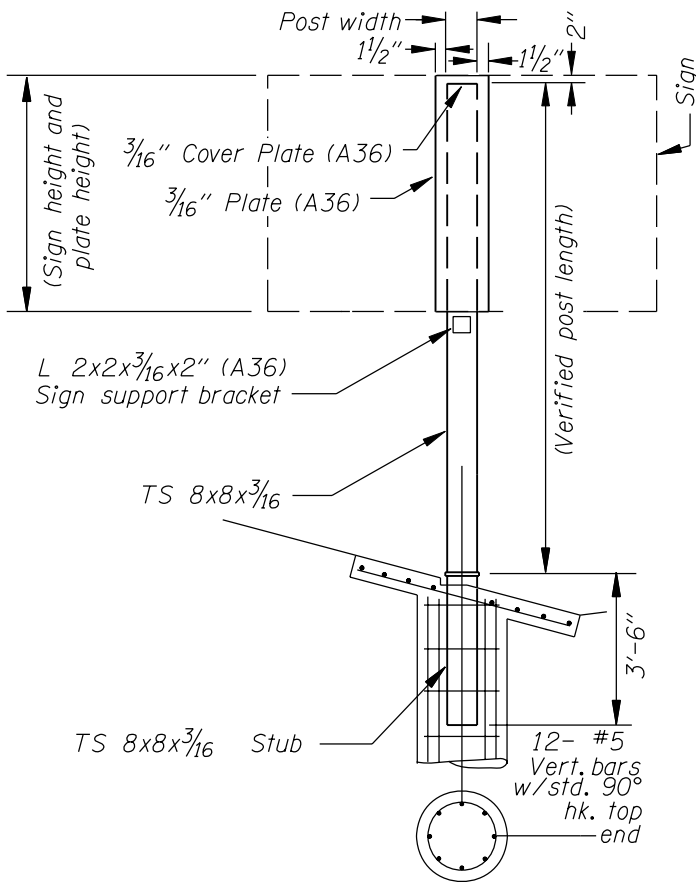
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

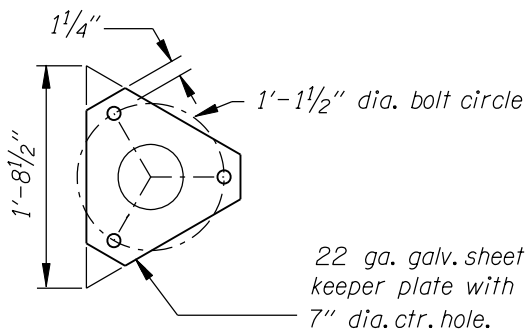
COMMENTS:

# FILL SLOPE



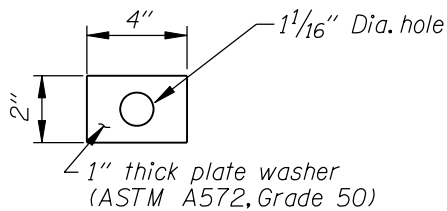
## BREAKAWAY SIGN POST

No Scale



## KEEPER

No Scale



## PLATE "H"

No Scale

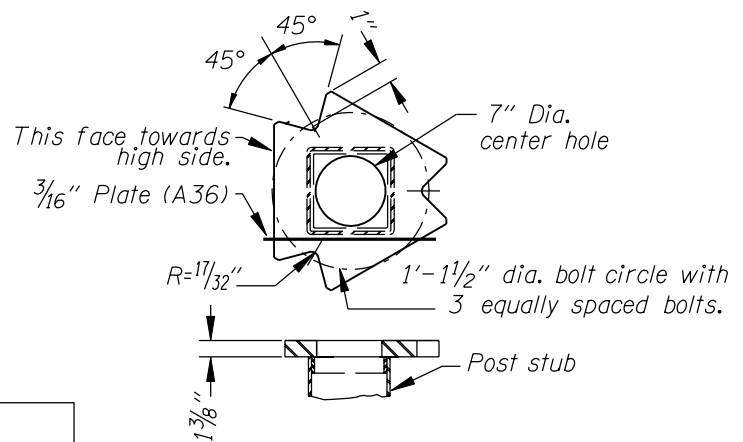
DIRECTION OF TRAFFIC

Note:  
 Post base plate details similar.

MATERIAL DESCRIPTION	QUANTITY
8x8x <sup>3</sup> / <sub>16</sub> Post	1
x11"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
3'-6" 8x8x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 1"x6 <sup>3</sup> / <sub>4</sub> " Base plate bolt with nut and (3) hardened washers.	3
7 <sup>3</sup> / <sub>4</sub> "x7 <sup>3</sup> / <sub>4</sub> "x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

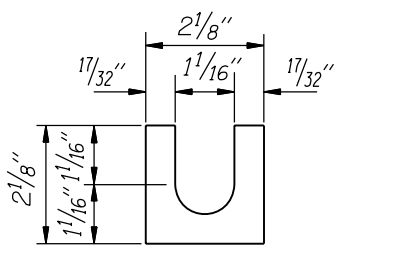
NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



## POST STUB DETAILS

No Scale



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

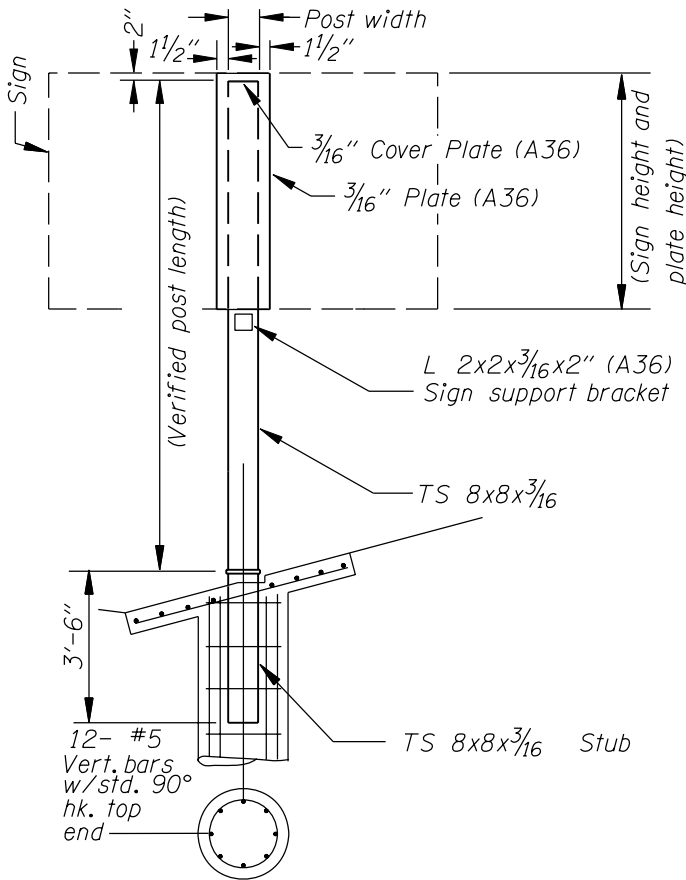
COMMENTS:

**TS 8x8x<sup>3</sup>/<sub>16</sub>**  
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:  
 SIGN NUMBER:

CONTRACT NO.

**CUT SLOPE**



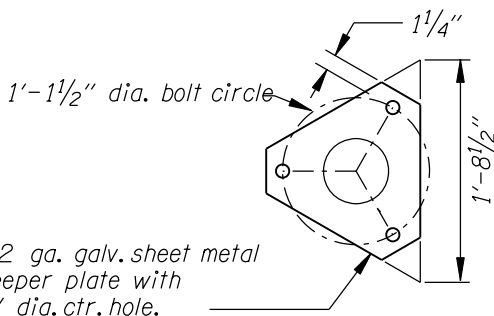
**BREAKAWAY SIGN POST**

No Scale

MATERIAL DESCRIPTION	QUANTITY
8x8x <sup>3</sup> / <sub>16</sub> Post	1
x11"x <sup>3</sup> / <sub>16</sub> " Plate (A36)	1
3'-6" 8x8x <sup>3</sup> / <sub>16</sub> Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 1"x6 <sup>3</sup> / <sub>4</sub> " Base plate bolt with nut and (3) hardened washers.	3
7 <sup>3</sup> / <sub>4</sub> "x7 <sup>3</sup> / <sub>4</sub> "x <sup>3</sup> / <sub>16</sub> " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

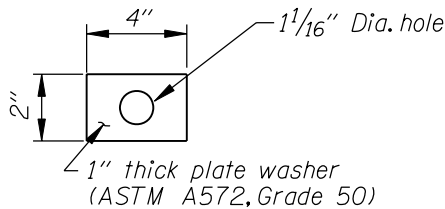
NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



**KEEPER**

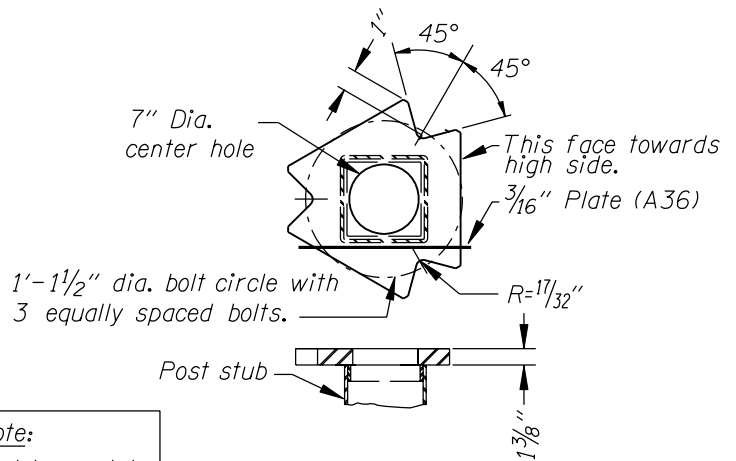
No Scale



**PLATE "H"**

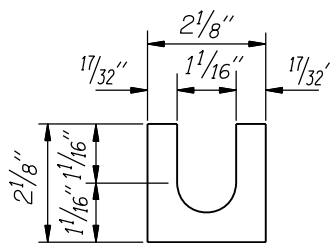
No Scale

DIRECTION OF TRAFFIC



**POST STUB DETAILS**

No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

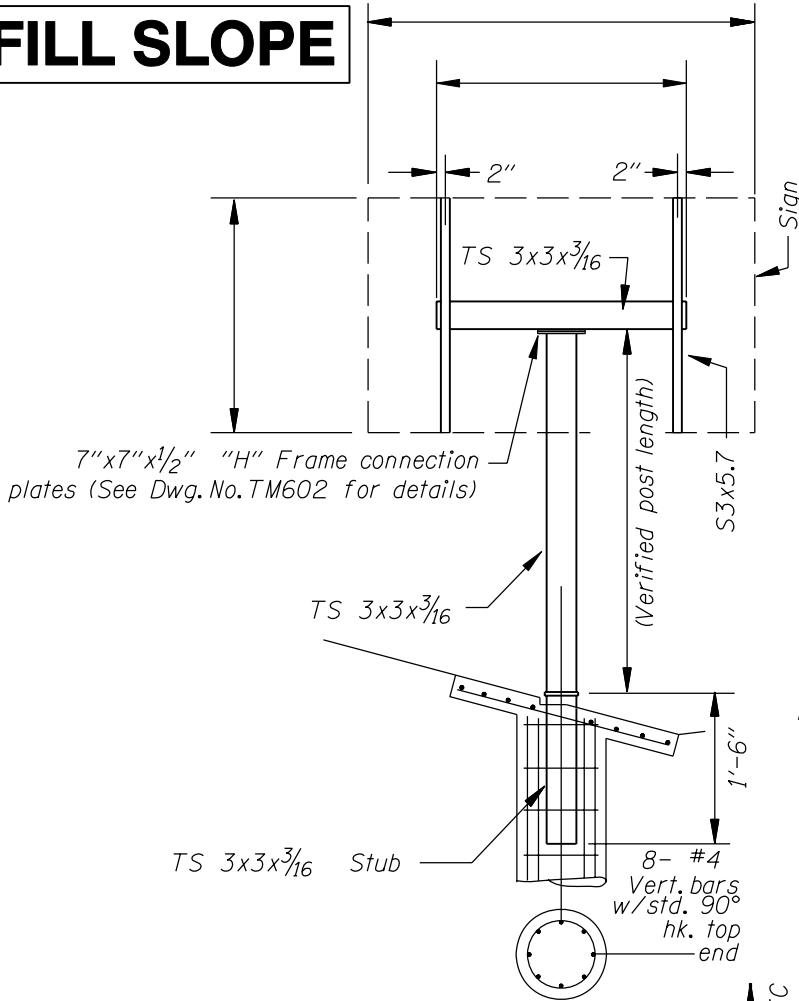
COMMENTS:

**TS 3x3x<sup>3</sup>/<sub>16</sub> ("H")**  
**TRIANGULAR BASE BREAKAWAY SIGN SUPPORT**

JOB:  
 SIGN NUMBER:

CONTRACT NO.

**FILL SLOPE**

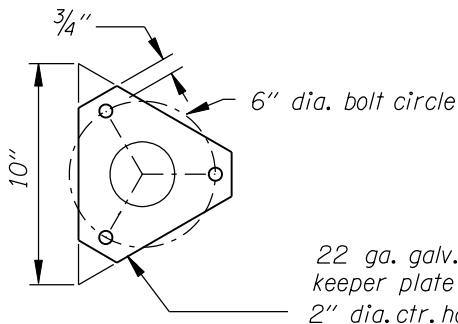


**BREAKAWAY SIGN POST**

No Scale

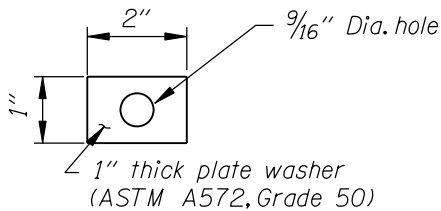
NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



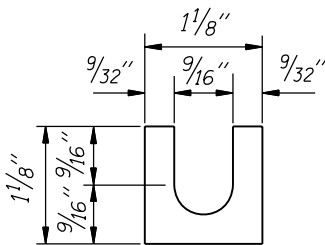
**KEEPER**

No Scale



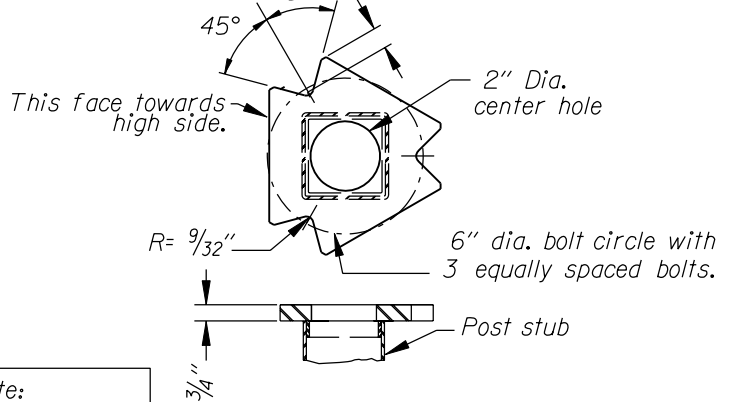
**PLATE "H"**

No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.



**POST STUB DETAILS**

No Scale

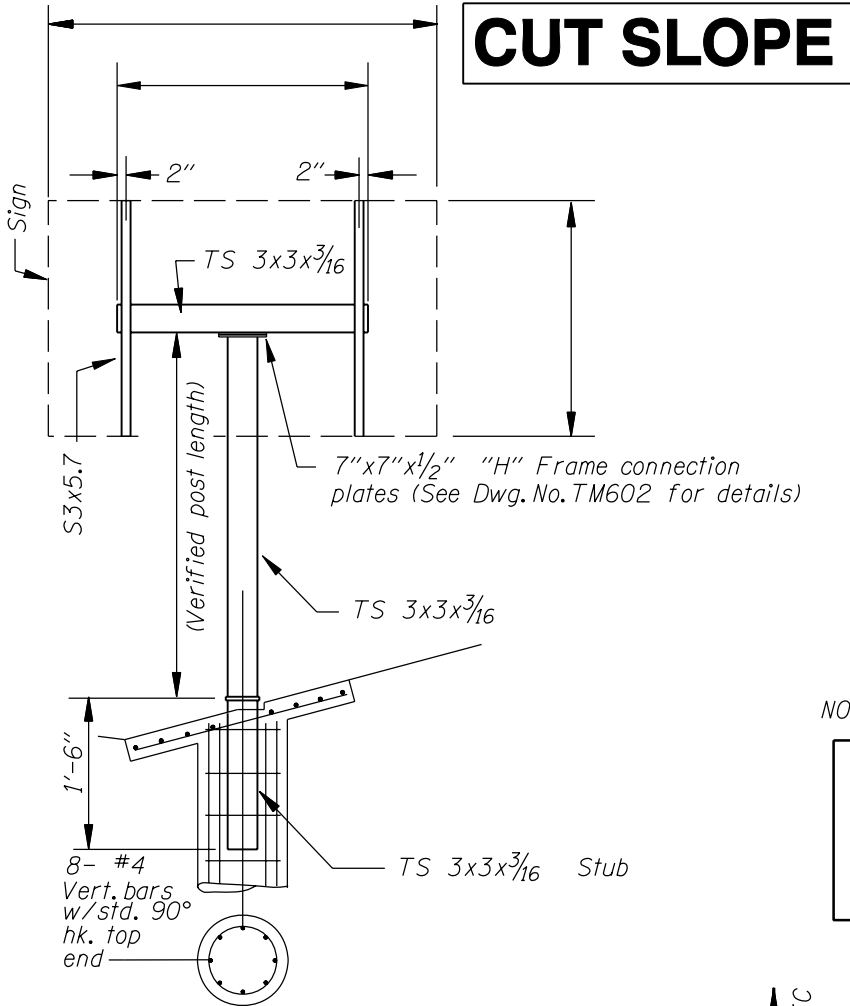
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:





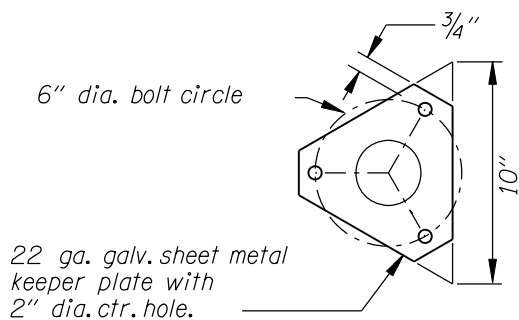
MATERIAL DESCRIPTION	QUANTITY
3x3x <sup>3</sup> / <sub>16</sub> Post	1
3x3x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
1'-6" 3x3x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 1/2"x4 <sup>3</sup> / <sub>4</sub> " Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
7"x7"x1/2" "H" Frame plates	2
5/8"x2" "H" Frame bolt w/ nut and washer.	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

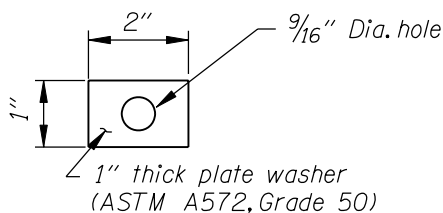
**BREAKAWAY SIGN POST**

No Scale



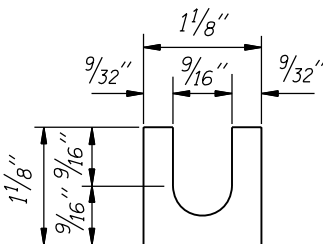
**KEEPER**

No Scale



**PLATE "H"**

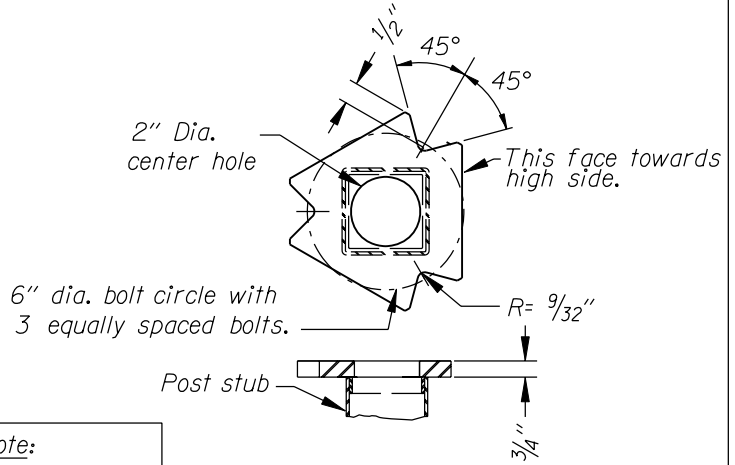
No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

DIRECTION OF TRAFFIC



**POST STUB DETAILS**

No Scale

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

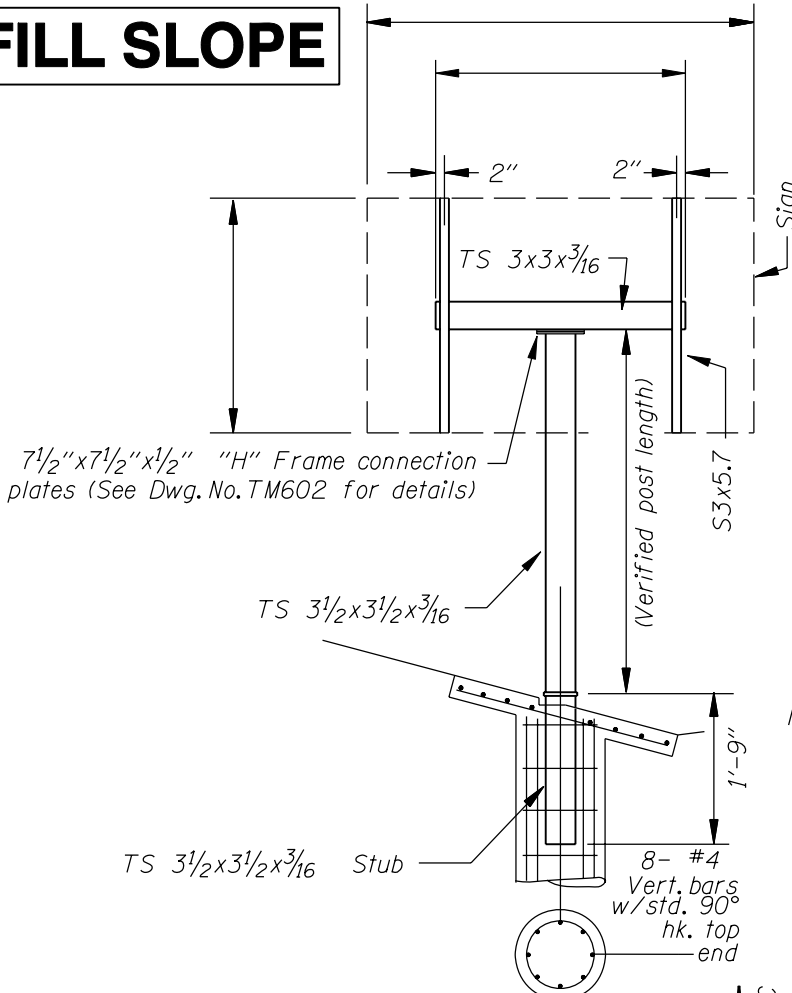
COMMENTS:

TS 3 1/2 x 3 1/2 x 3/16 ("H")  
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:  
 SIGN NUMBER:

CONTRACT NO.

**FILL SLOPE**



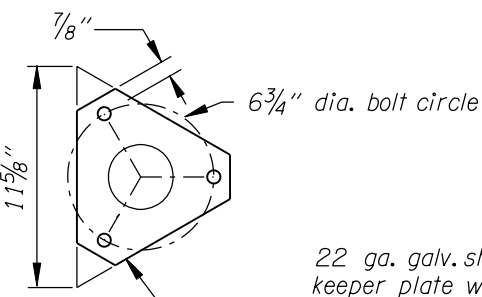
MATERIAL DESCRIPTION	QUANTITY
3 1/2 x 3 1/2 x 3/16 Post	1
3 x 3 x 3/16 Horiz. Arm	1
1'-9" 3 1/2 x 3 1/2 x 3/16 Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 5/8"x5" Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
7 1/2"x7 1/2"x1/2" "H" Frame plates	2
5/8"x2" "H" Frame bolt w/ nut and washer.	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

**BREAKAWAY SIGN POST**

No Scale

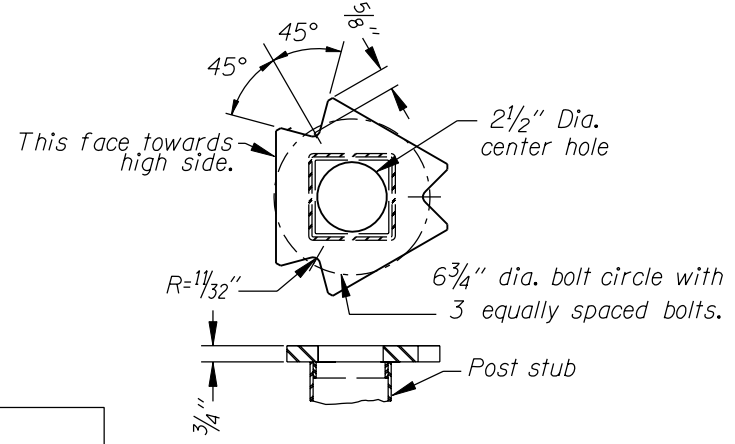


**KEEPER**  
 No Scale

22 ga. galv. sheet metal keeper plate with 2 1/2" dia. ctr. hole.

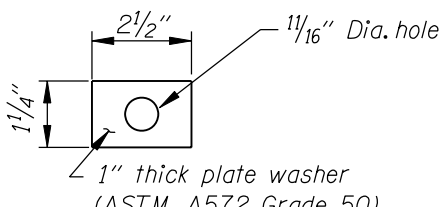
Note:  
 Post base plate details similar.

DIRECTION OF TRAFFIC



**POST STUB DETAILS**

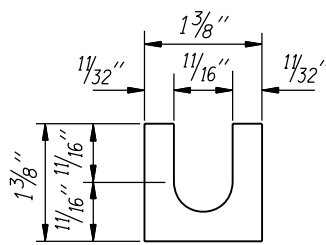
No Scale



**PLATE "H"**

No Scale

1" thick plate washer (ASTM A572, Grade 50)



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

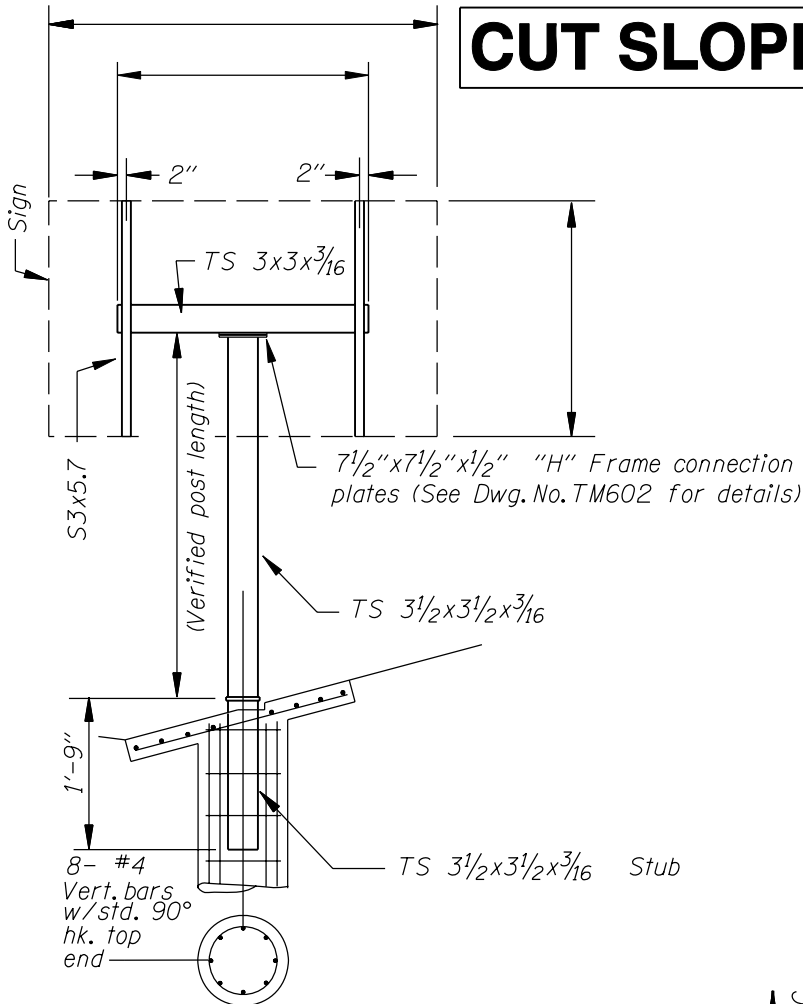
COMMENTS:

TS 3 1/2 x 3 1/2 x 3/16 ("H")  
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:  
 SIGN NUMBER:

CONTRACT NO.

**CUT SLOPE**



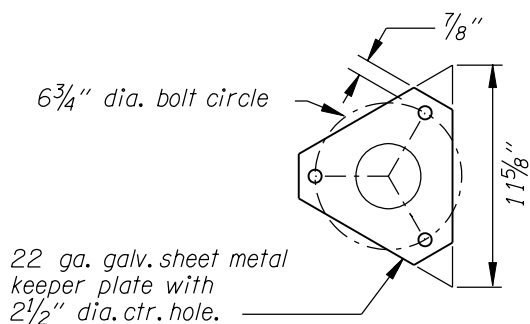
MATERIAL DESCRIPTION	QUANTITY
3 1/2 x 3 1/2 x 3/16 Post	1
3x3x3/16 Horiz. Arm	1
1'-9" 3 1/2 x 3 1/2 x 3/16 Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 5/8"x5" Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
7 1/2"x7 1/2"x1/2" "H" Frame plates	2
5/8"x2" "H" Frame bolt w/ nut and washer.	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

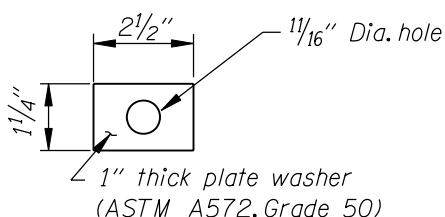
**BREAKAWAY SIGN POST**

No Scale



**KEEPER**

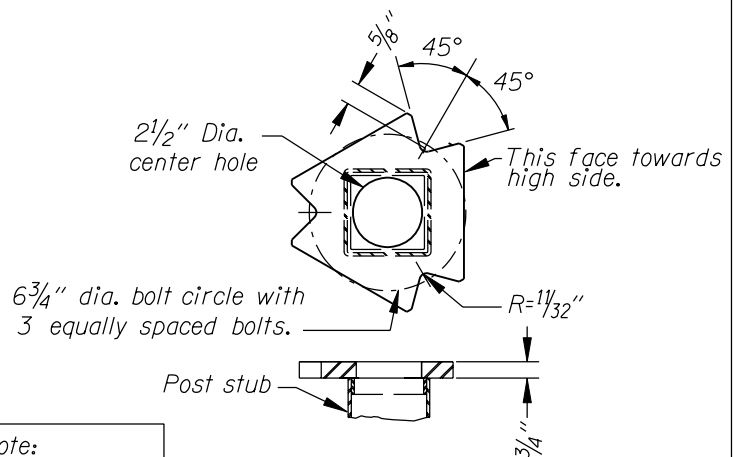
No Scale



**PLATE "H"**

No Scale

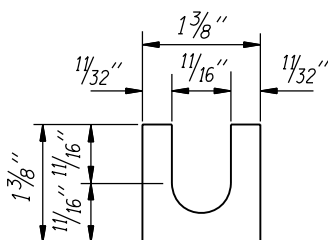
DIRECTION OF TRAFFIC



Note:  
 Post base plate details similar.

**POST STUB DETAILS**

No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

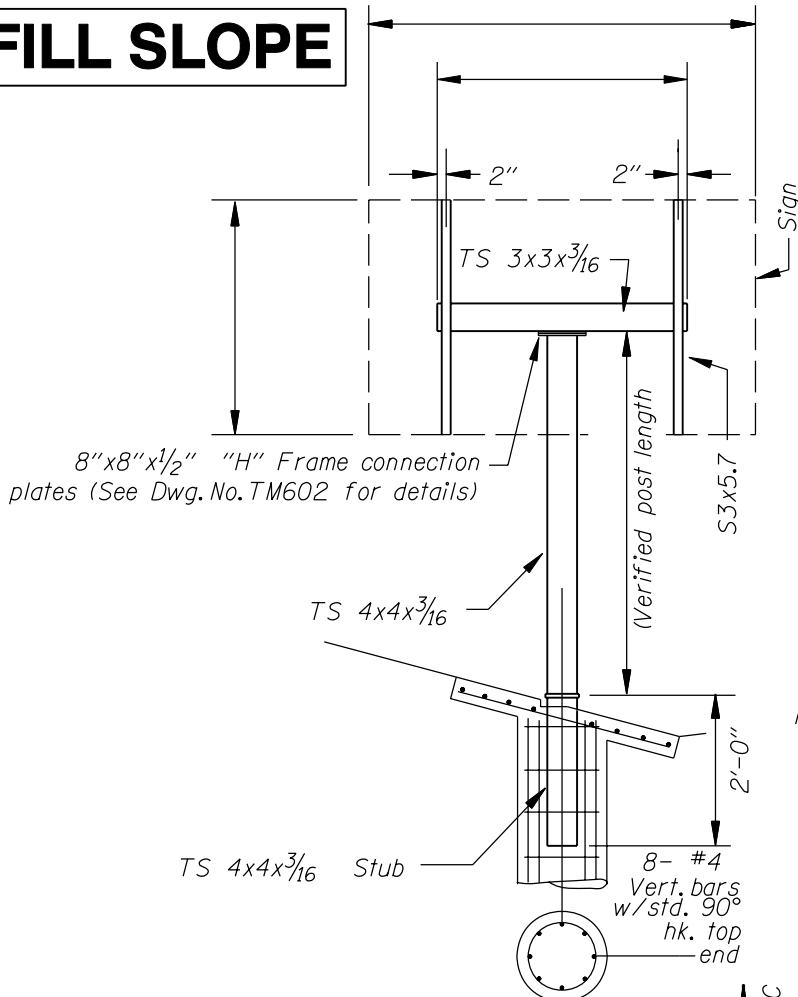
COMMENTS:

**TS 4x4x<sup>3</sup>/<sub>16</sub> ("H")**  
**TRIANGULAR BASE BREAKAWAY SIGN SUPPORT**

JOB:  
 SIGN NUMBER:

CONTRACT NO.

**FILL SLOPE**



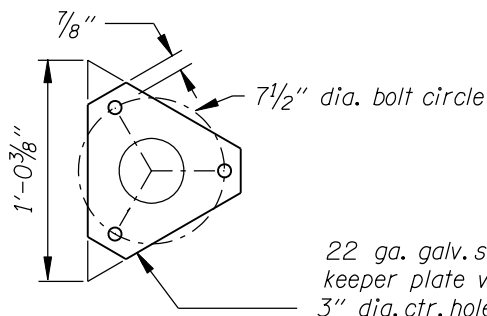
**BREAKAWAY SIGN POST**

No Scale

NOTE: All dimensions are in inches (in.) except as noted.

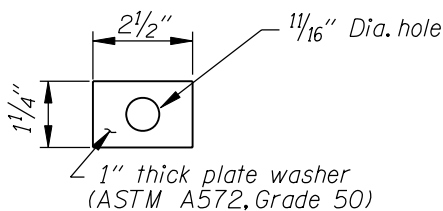
NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

MATERIAL DESCRIPTION	QUANTITY
4x4x <sup>3</sup> / <sub>16</sub> Post	1
3x3x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
2'-0" 4x4x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 <sup>5</sup> / <sub>8</sub> "x <sup>5</sup> / <sub>2</sub> " Base plate bolt nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
8"x8"x <sup>1</sup> / <sub>2</sub> " "H" Frame plates	2
<sup>5</sup> / <sub>8</sub> "x2" "H" Frame bolt w/ nut and washer.	4



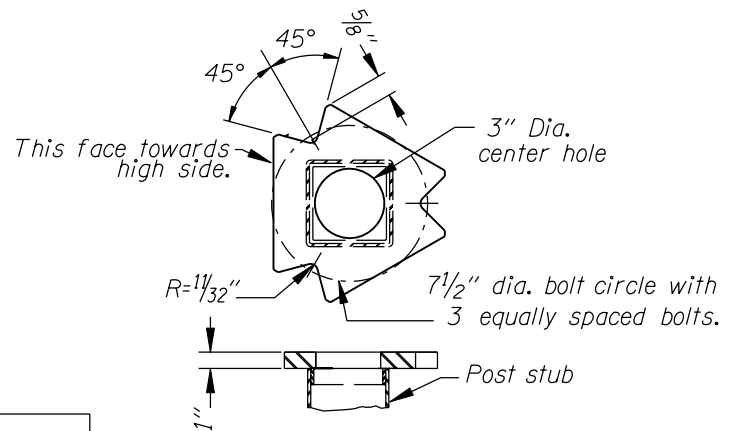
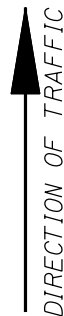
**KEEPER**

No Scale



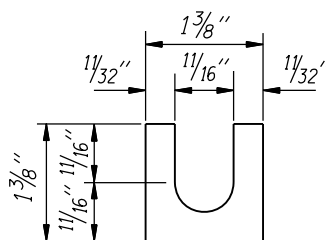
**PLATE "H"**

No Scale



**POST STUB DETAILS**

No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

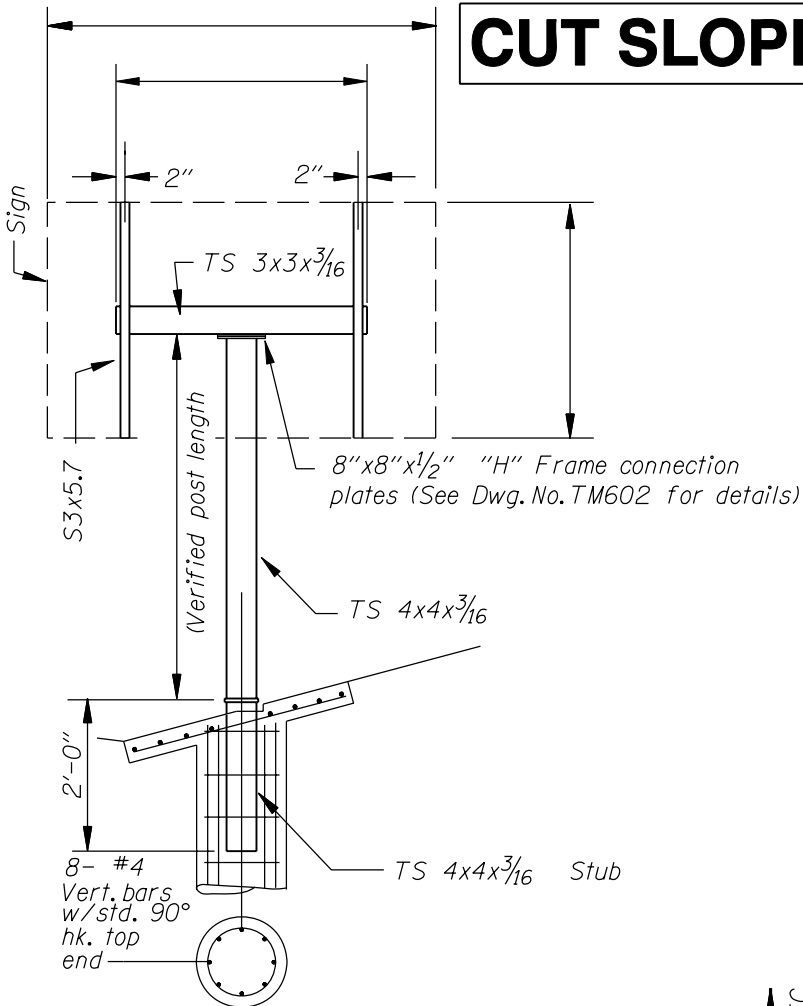
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

**CUT SLOPE**



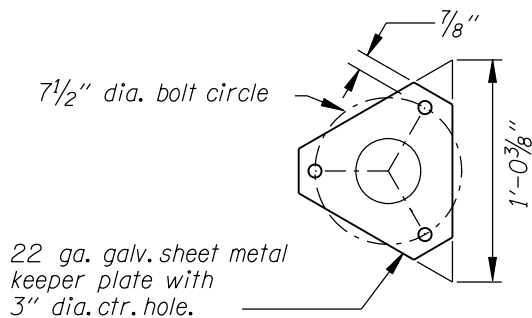
MATERIAL DESCRIPTION	QUANTITY
4x4x <sup>3</sup> / <sub>16</sub> Post	1
3x3x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
2'-0" 4x4x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 <sup>5</sup> / <sub>8</sub> "x5 <sup>1</sup> / <sub>2</sub> " Base plate bolt nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
8"x8"x <sup>1</sup> / <sub>2</sub> " "H" Frame plates	2
<sup>5</sup> / <sub>8</sub> "x2" "H" Frame bolt w/ nut and washer.	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

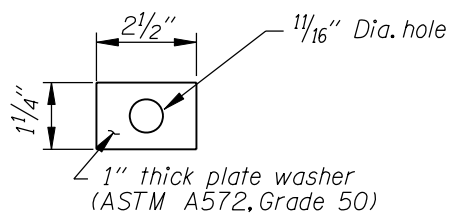
**BREAKAWAY SIGN POST**

No Scale



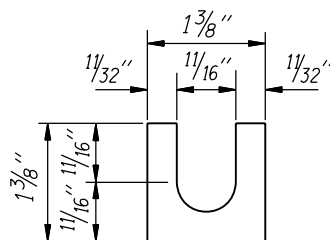
**KEEPER**

No Scale



**PLATE "H"**

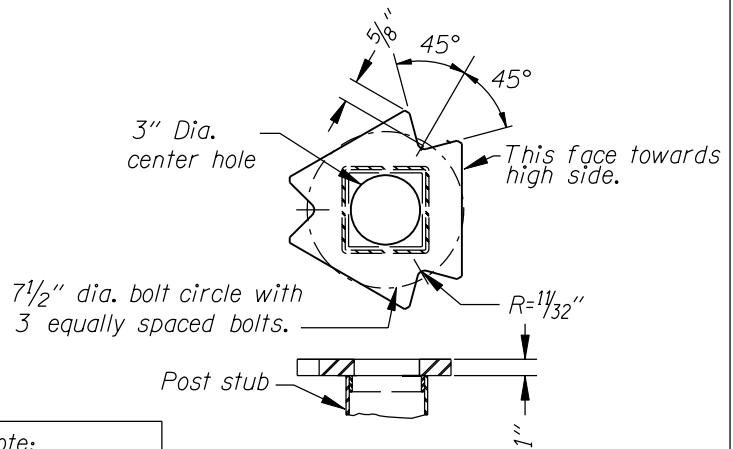
No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

DIRECTION OF TRAFFIC



**POST STUB DETAILS**

No Scale

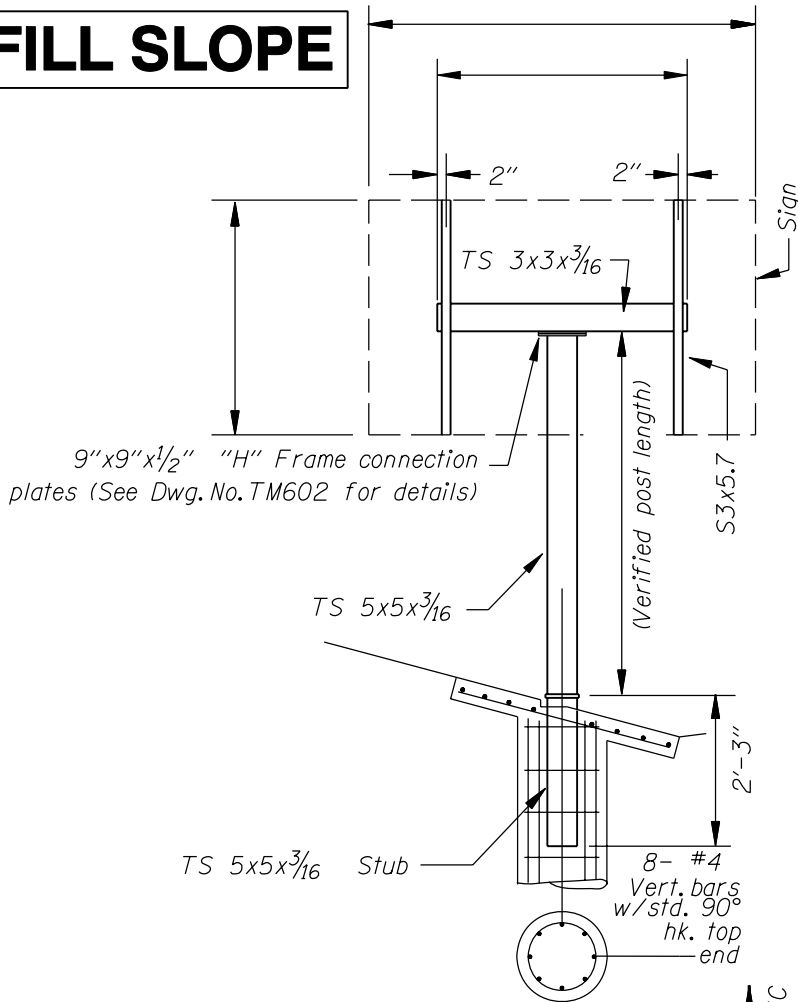
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

**FILL SLOPE**



MATERIAL DESCRIPTION	QUANTITY
5x5x <sup>3</sup> / <sub>16</sub> Post	1
3x3x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
2'-3" 5x5x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 <sup>3</sup> / <sub>4</sub> "x5 <sup>1</sup> / <sub>2</sub> " Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
9"x9"x <sup>1</sup> / <sub>2</sub> " "H" Frame plates	2
<sup>5</sup> / <sub>8</sub> "x2" "H" Frame bolt w/ nut and washer.	4

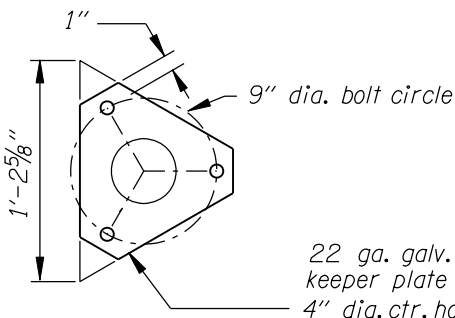
NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

**BREAKAWAY SIGN POST**

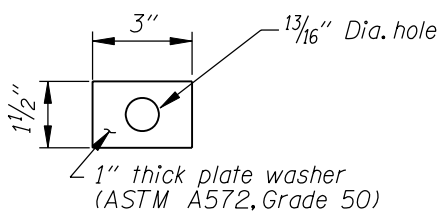
No Scale

DIRECTION OF TRAFFIC ↑



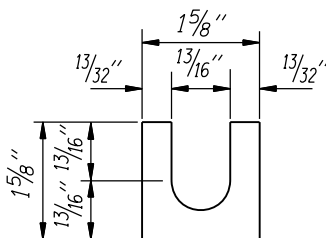
**KEEPER**

No Scale



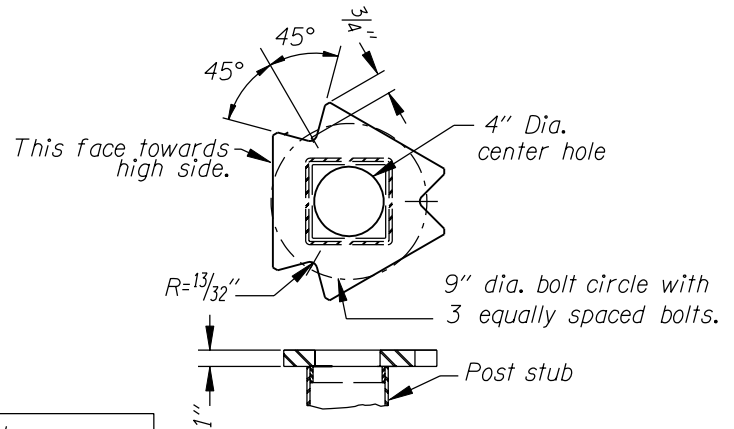
**PLATE "H"**

No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.



**POST STUB DETAILS**

No Scale

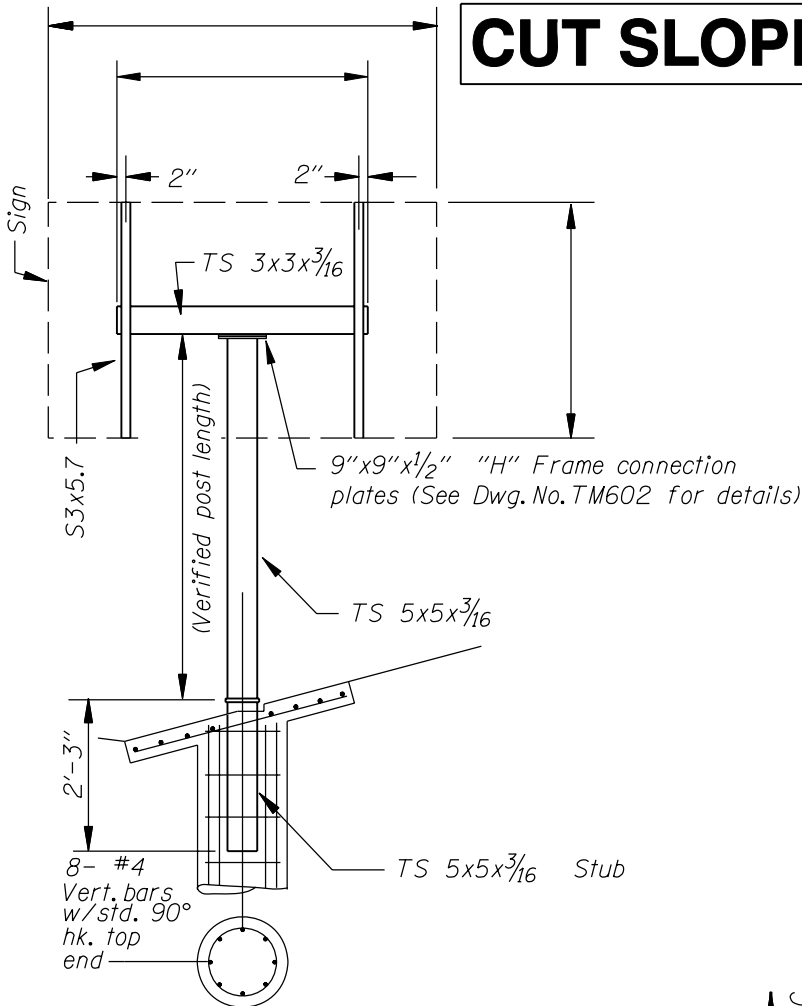
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

**CUT SLOPE**



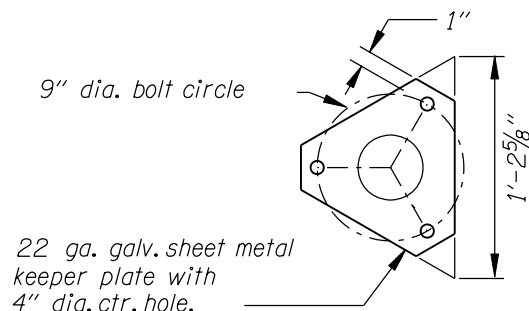
MATERIAL DESCRIPTION	QUANTITY
5x5x <sup>3</sup> / <sub>16</sub> Post	1
3x3x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
2'-3" 5x5x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 <sup>3</sup> / <sub>4</sub> "x5 <sup>1</sup> / <sub>2</sub> " Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
9"x9"x <sup>1</sup> / <sub>2</sub> " "H" Frame plates	2
<sup>5</sup> / <sub>8</sub> "x2" "H" Frame bolt w/ nut and washer.	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

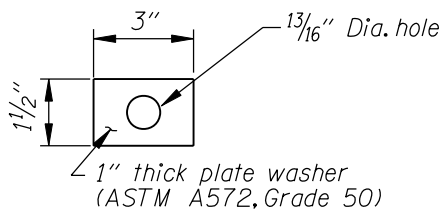
**BREAKAWAY SIGN POST**

No Scale



**KEEPER**

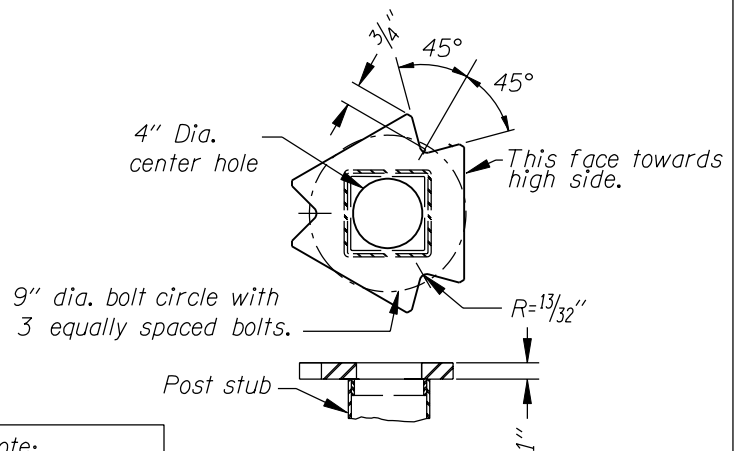
No Scale



**PLATE "H"**

No Scale

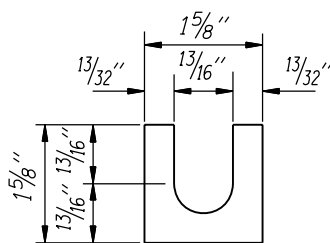
DIRECTION OF TRAFFIC



Note:  
 Post base plate details similar.

**POST STUB DETAILS**

No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

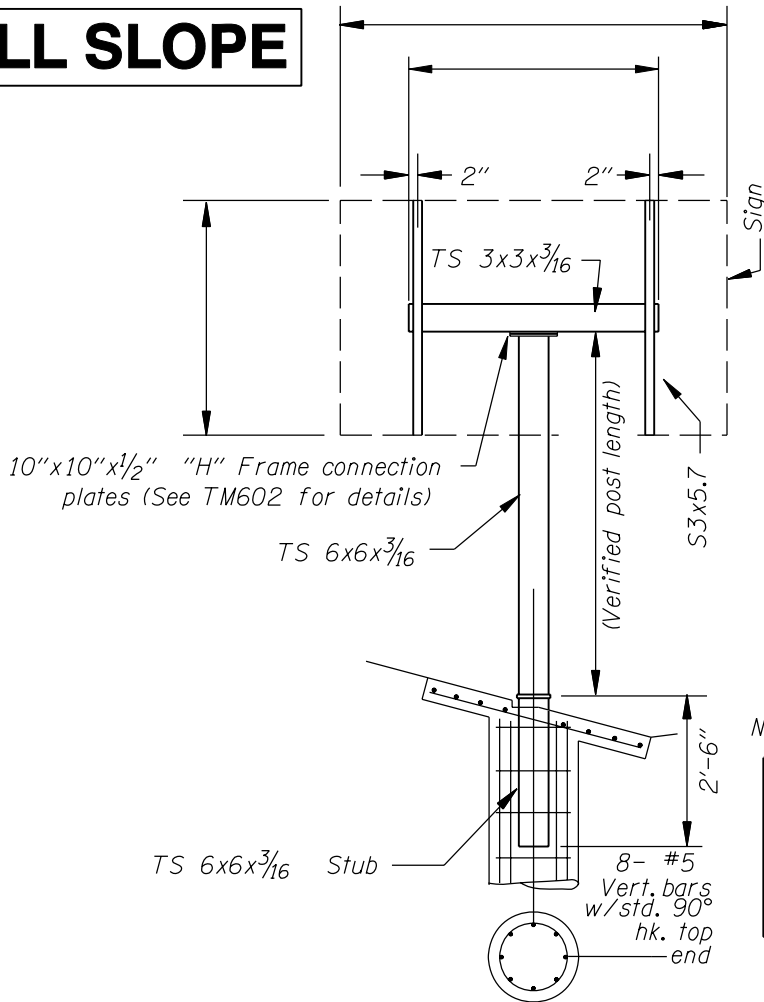
COMMENTS:

TS 6x6x<sup>3</sup>/<sub>16</sub> ("H")  
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:  
 SIGN NUMBER:

CONTRACT NO.

**FILL SLOPE**



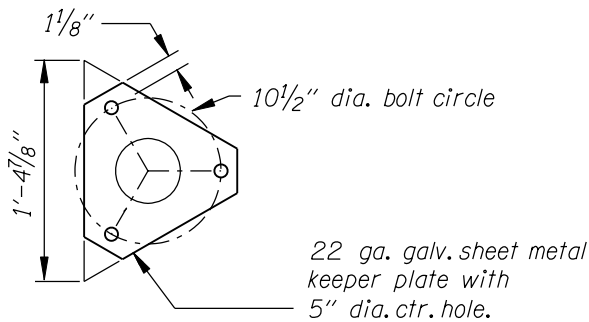
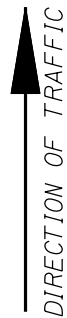
MATERIAL DESCRIPTION	QUANTITY
6x6x <sup>3</sup> / <sub>16</sub> Post	1
3x3x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
2'-6" 6x6x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 7/8"x6 <sup>1</sup> / <sub>4</sub> " Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
10"x10"x <sup>1</sup> / <sub>2</sub> " "H" Frame plates	2
5/8"x2" "H" Frame bolt w/ nut and washer	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

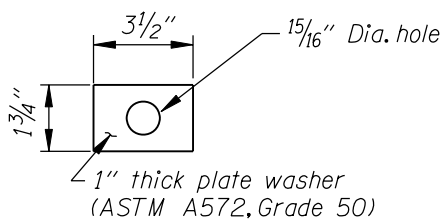
**BREAKAWAY SIGN POST**

No Scale



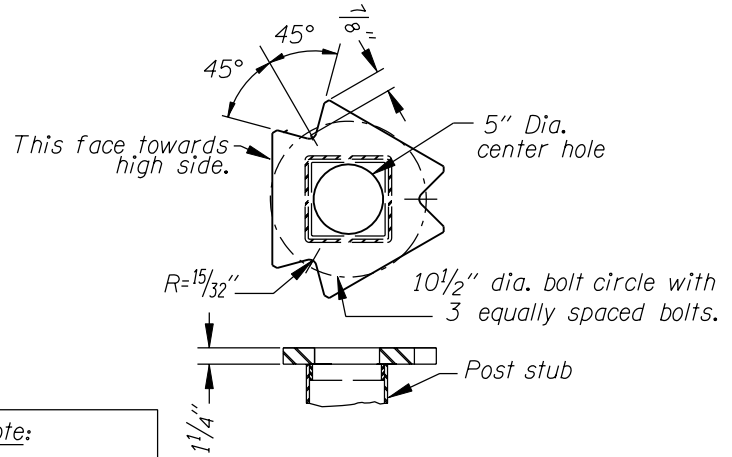
**KEEPER**

No Scale



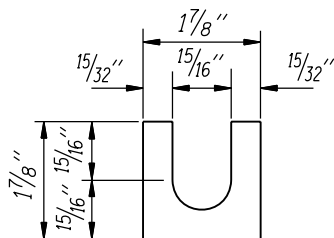
**PLATE "H"**

No Scale



**POST STUB DETAILS**

No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

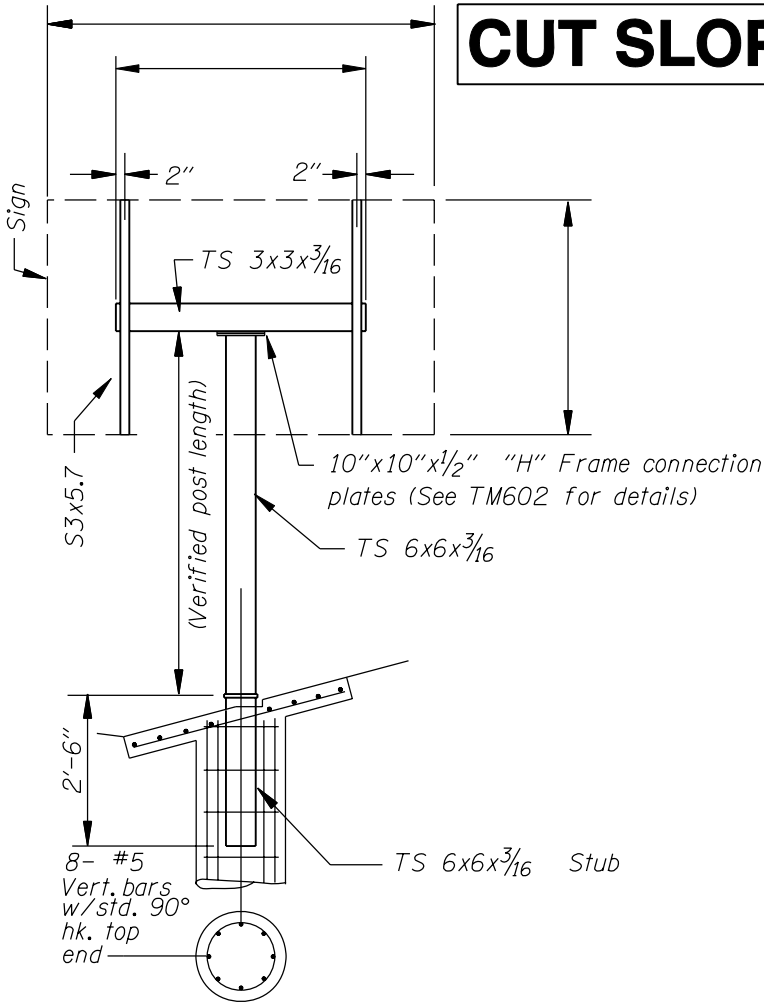
DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:



**CUT SLOPE**



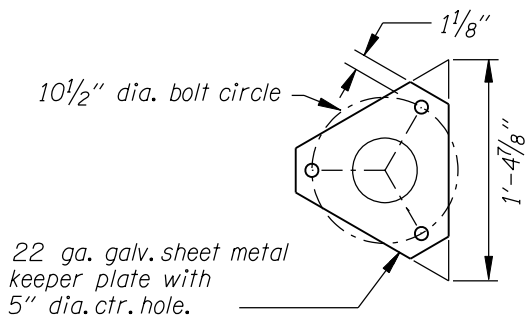
MATERIAL DESCRIPTION	QUANTITY
6x6x <sup>3</sup> / <sub>16</sub> Post	1
3x3x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
2'-6" 6x6x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 7/8"x6 1/4" Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
10"x10"x1/2" "H" Frame plates	2
5/8"x2" "H" Frame bolt w/ nut and washer	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

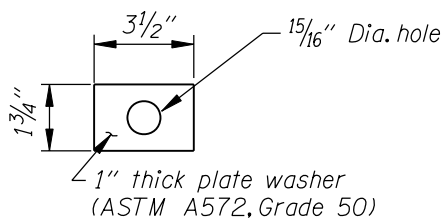
**BREAKAWAY SIGN POST**

No Scale



**KEEPER**

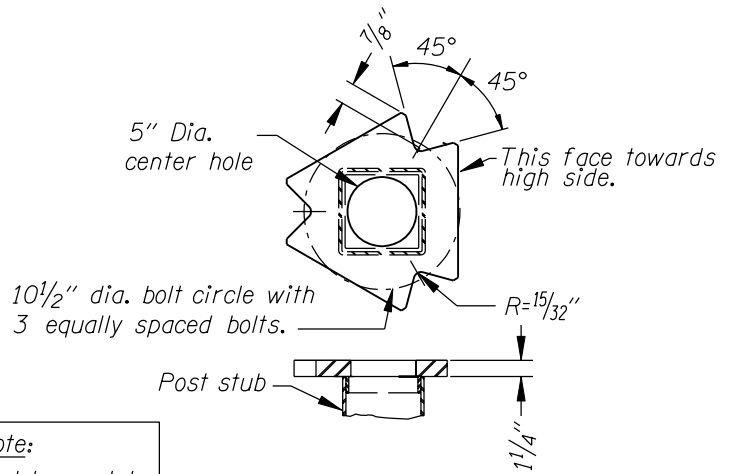
No Scale



**PLATE "H"**

No Scale

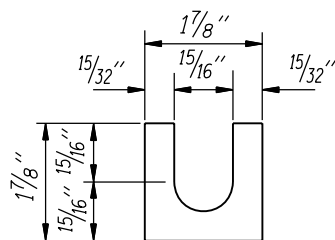
DIRECTION OF TRAFFIC



**POST STUB DETAILS**

No Scale

Note:  
 Post base plate details similar.



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

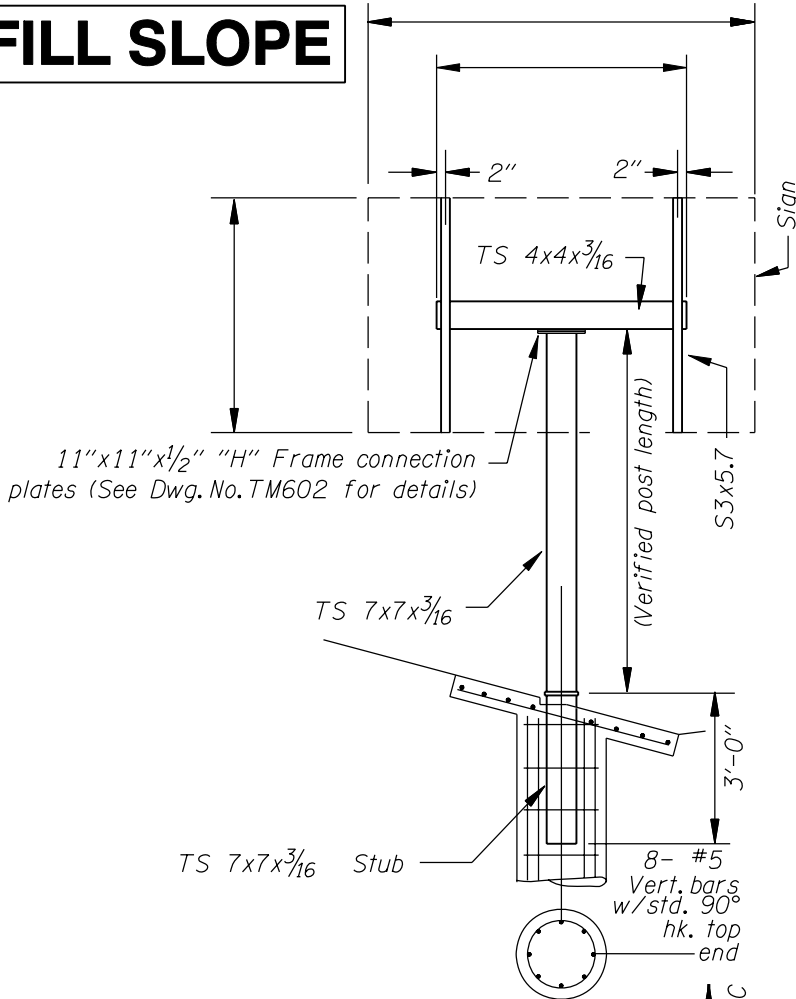
COMMENTS:

**TS 7x7x<sup>3</sup>/<sub>16</sub> ("H")**  
**TRIANGULAR BASE BREAKAWAY SIGN SUPPORT**

JOB:  
 SIGN NUMBER:

CONTRACT NO.

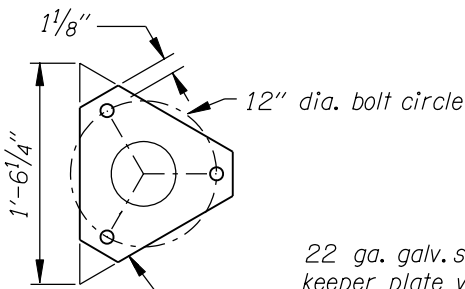
**FILL SLOPE**



**BREAKAWAY SIGN POST**

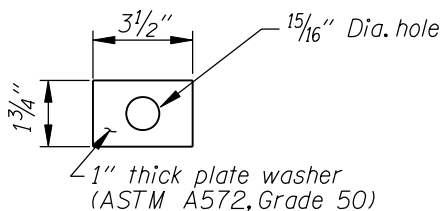
No Scale

DIRECTION OF TRAFFIC ↑



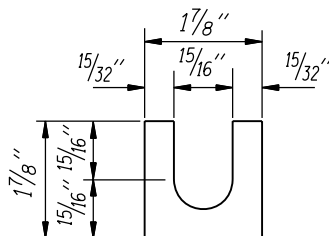
**KEEPER**

No Scale



**PLATE "H"**

No Scale



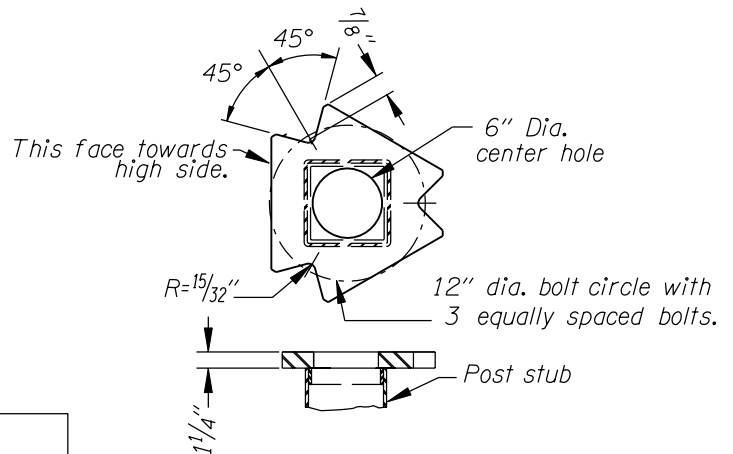
**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
7x7x <sup>3</sup> / <sub>16</sub> Post	1
4x4x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
3'-0" 7x7x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 7/8"x6 <sup>1</sup> / <sub>4</sub> " Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
11"x11"x <sup>1</sup> / <sub>2</sub> " "H" Frame plates	2
5/8"x2" "H" Frame bolt w/ nut and washer.	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



**POST STUB DETAILS**

No Scale

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

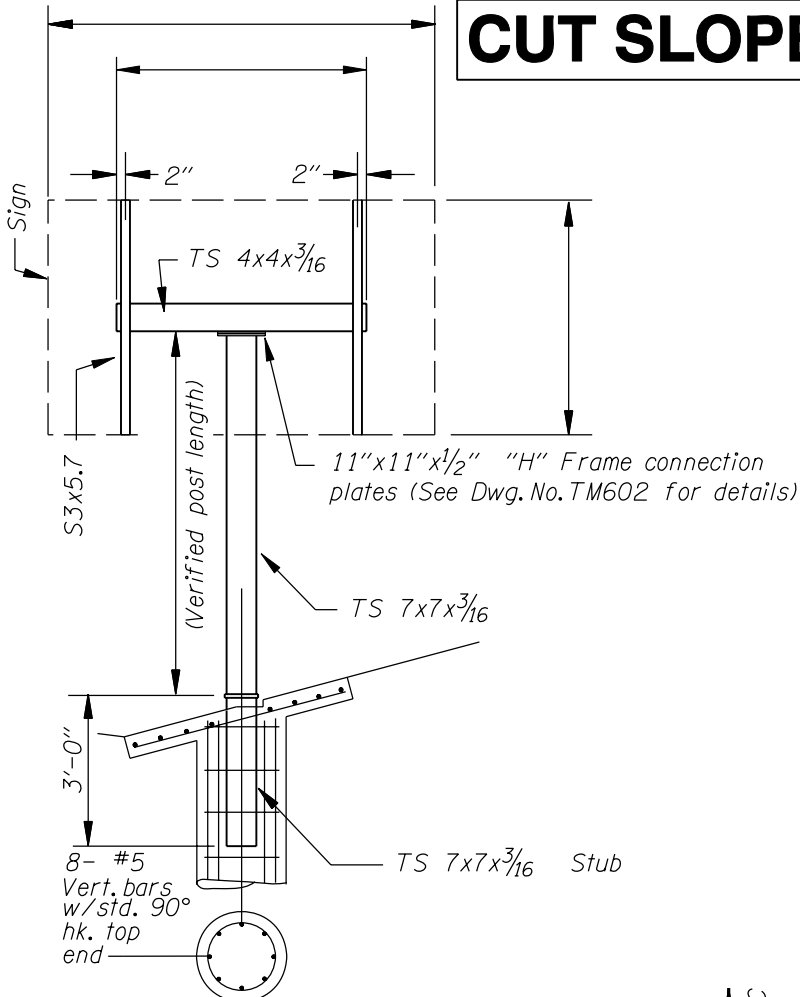
**TS 7x7x<sup>3</sup>/<sub>16</sub> ("H")**  
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:

CONTRACT NO.

SIGN NUMBER:

**CUT SLOPE**



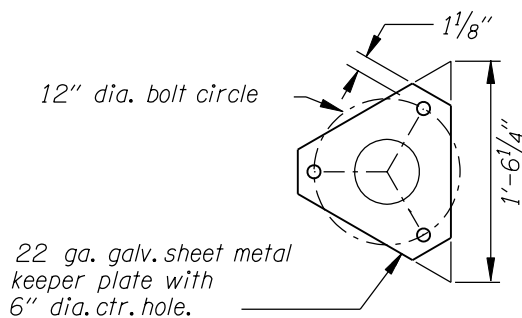
MATERIAL DESCRIPTION	QUANTITY
7x7x <sup>3</sup> / <sub>16</sub> Post	1
4x4x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
3'-0" 7x7x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 7/8"x6 1/4" Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
11"x11"x1/2" "H" Frame plates	2
5/8"x2" "H" Frame bolt w/ nut and washer.	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

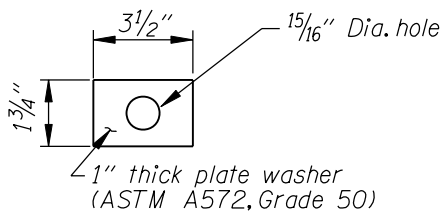
**BREAKAWAY SIGN POST**

No Scale



**KEEPER**

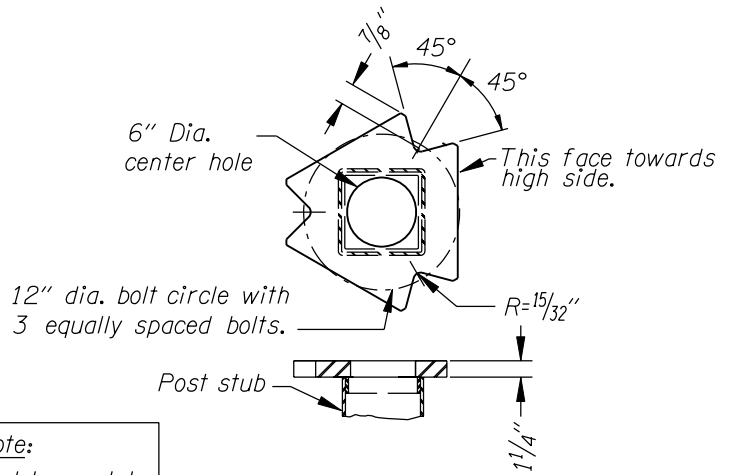
No Scale



**PLATE "H"**

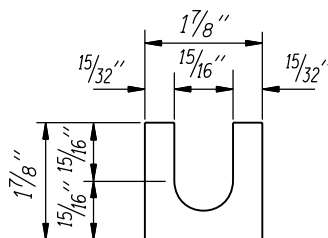
No Scale

DIRECTION OF TRAFFIC



**POST STUB DETAILS**

No Scale



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

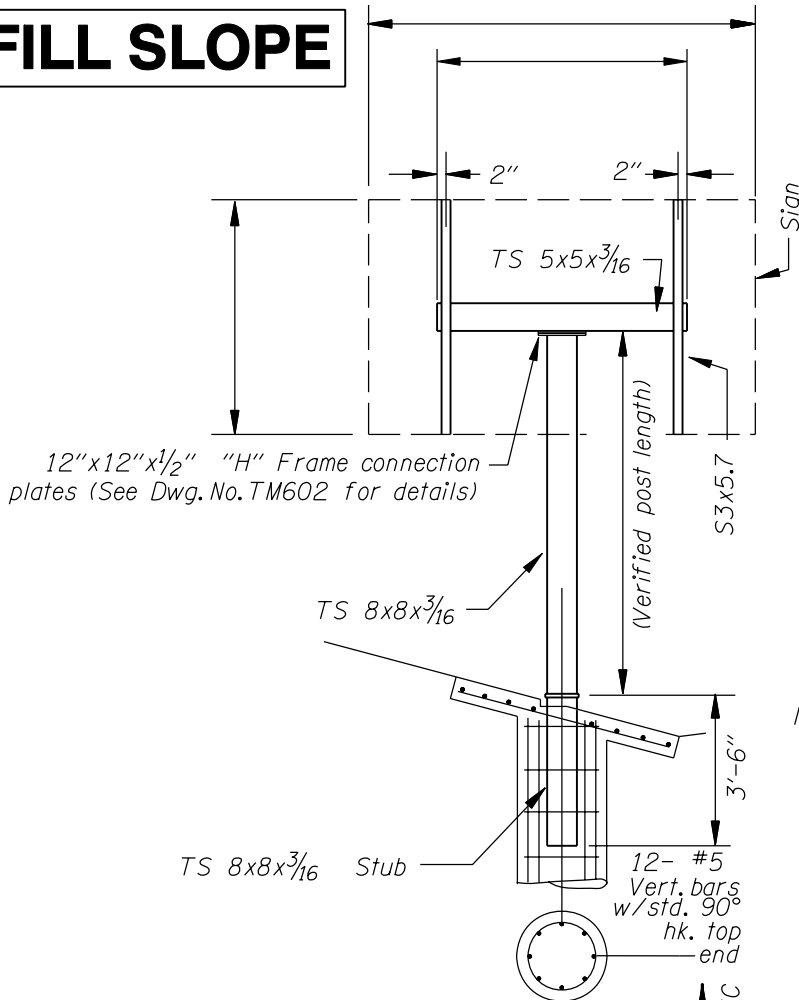
COMMENTS:

TS 8x8x<sup>3</sup>/<sub>16</sub> ("H")  
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:  
 SIGN NUMBER:

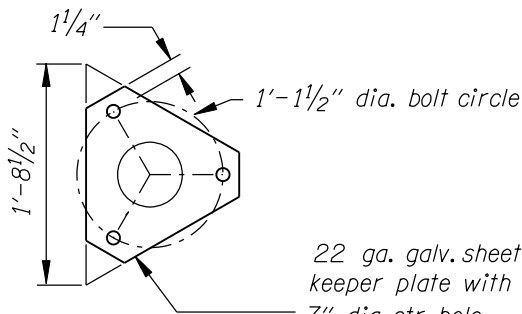
CONTRACT NO.

**FILL SLOPE**



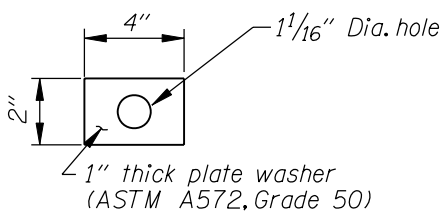
**BREAKAWAY SIGN POST**

No Scale



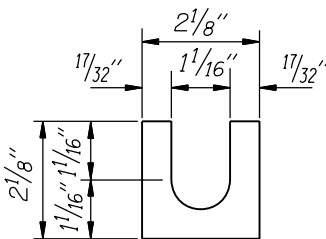
**KEEPER**

No Scale



**PLATE "H"**

No Scale



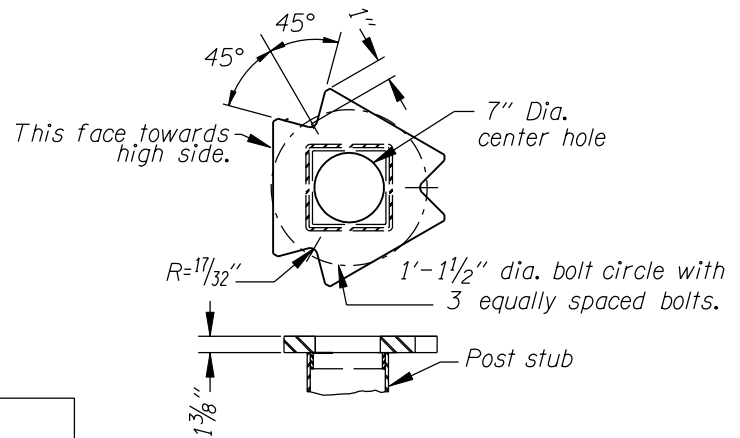
**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
8x8x <sup>3</sup> / <sub>16</sub> Post	1
5x5x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
3'-6" 8x8x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 1"x6 <sup>3</sup> / <sub>4</sub> " Base plate bolt with with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
12"x12"x <sup>1</sup> / <sub>2</sub> " "H" Frame plates	2
5/8"x2" "H" Frame bolt w/ nut and washer.	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



**POST STUB DETAILS**

No Scale

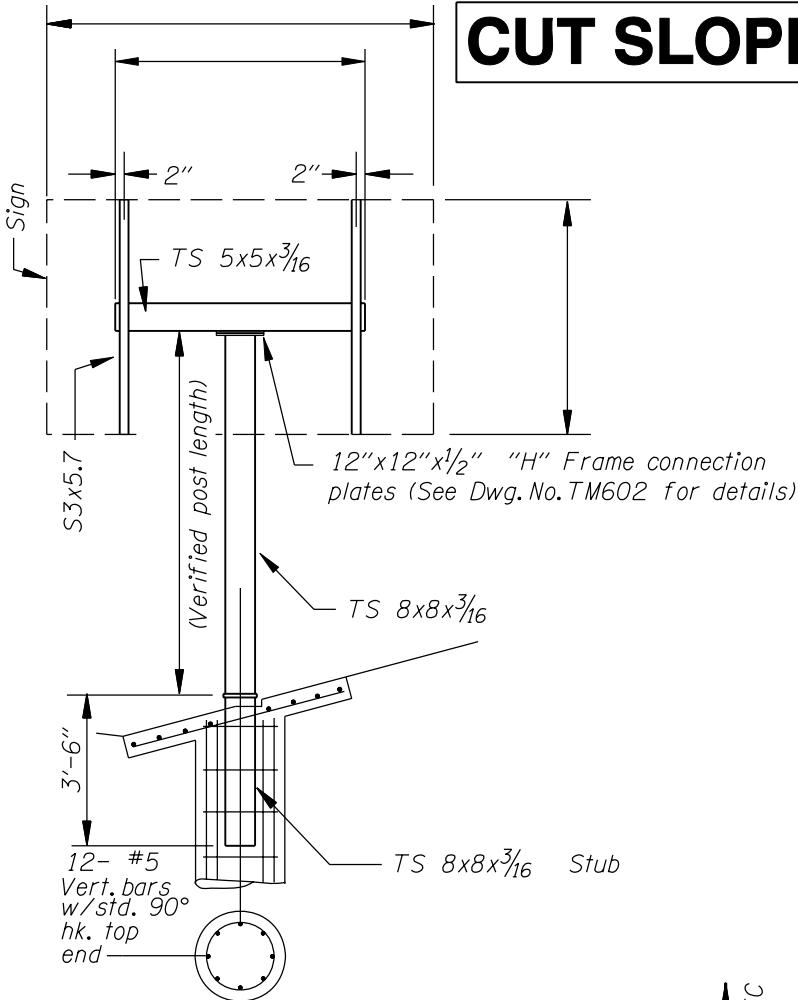
(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

**CUT SLOPE**



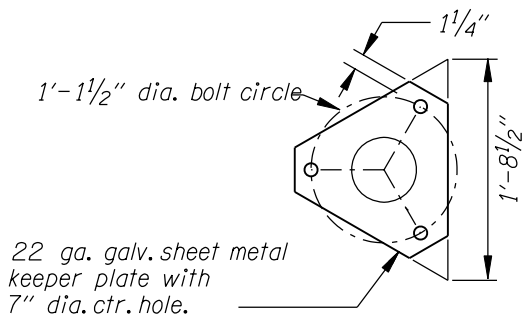
MATERIAL DESCRIPTION	QUANTITY
8x8x <sup>3</sup> / <sub>16</sub> Post	1
5x5x <sup>3</sup> / <sub>16</sub> Horiz. Arm	1
3'-6" 8x8x <sup>3</sup> / <sub>16</sub> Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 1"x6 <sup>3</sup> / <sub>4</sub> " Base plate bolt with with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
12"x12"x <sup>1</sup> / <sub>2</sub> " "H" Frame plates	2
<sup>5</sup> / <sub>8</sub> "x2" "H" Frame bolt w/ nut and washer.	4

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.

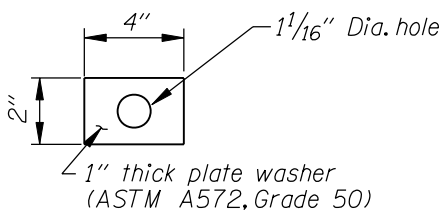
**BREAKAWAY SIGN POST**

No Scale



**KEEPER**

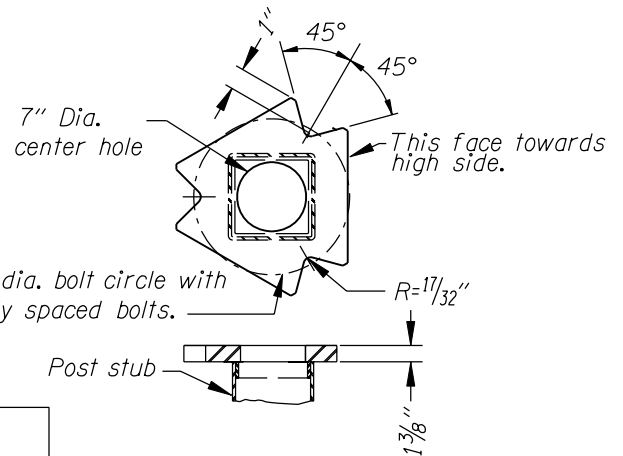
No Scale



**PLATE "H"**

No Scale

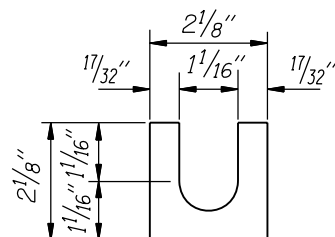
DIRECTION OF TRAFFIC



**POST STUB DETAILS**

No Scale

Note:  
 Post base plate details similar.



**BRASS SHIM DETAIL**

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# W6x9

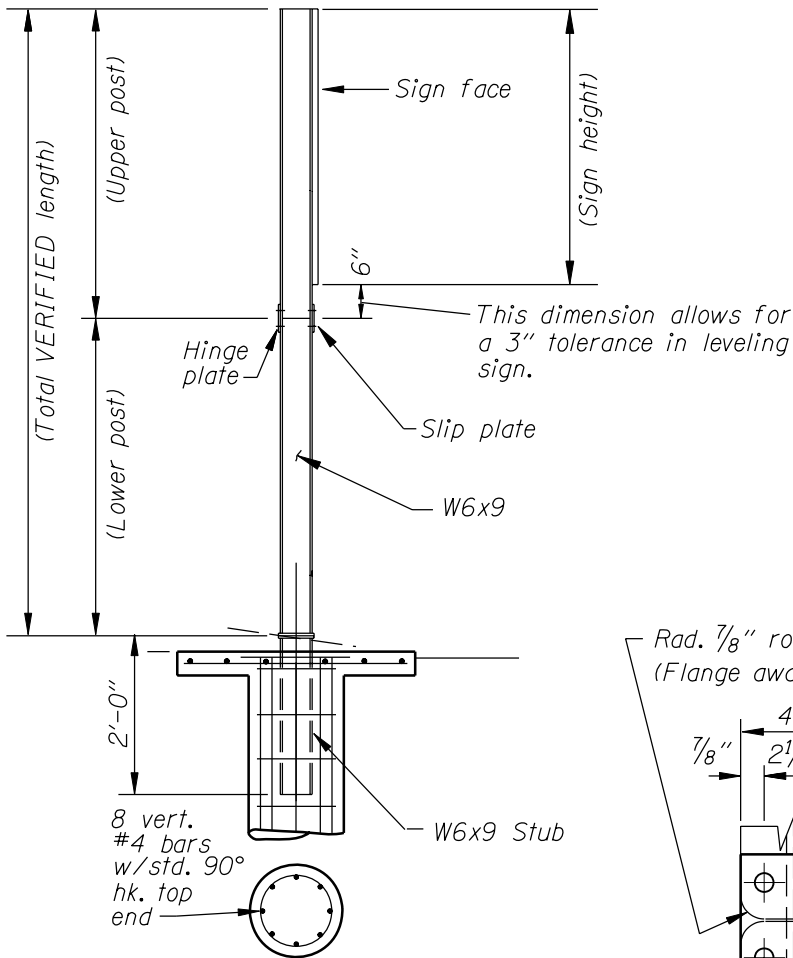
## MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

CONTRACT NO.

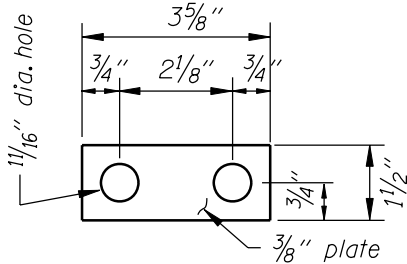
SIGN NUMBER:

L C R (Circle one)



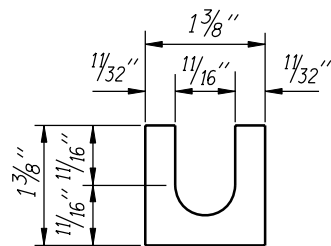
### BREAKAWAY SIGN POST

No Scale



### PLATE "H"

No Scale

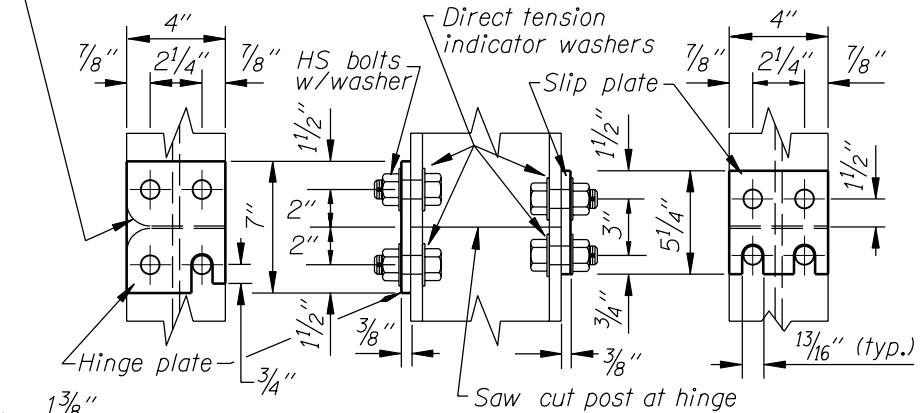


### BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
W6x9 Upper support	1
W6x9 Lower support	1
2'-0" W6x9 Stub	1
4"x5 1/4"x3/8" Slip Plate	1
4"x7"x3/8" Hinge Plate	1
A325 3/4"x2" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 5/8"x4 1/4" Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
10"x4 1/4"x1" Base/stub plate	2

Rad. 7/8" rounding of flange corners both sides of hinge  $\phi$  as shown (Flange away from rdwy. only)

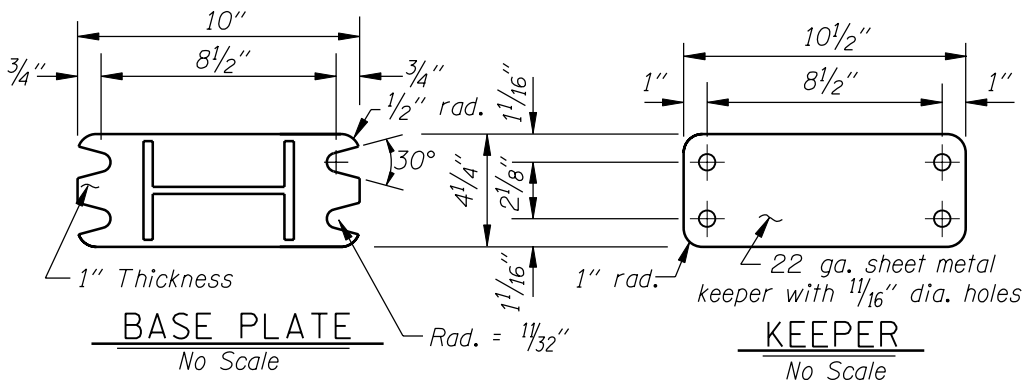


### POST HINGE DETAILS

No Scale

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



### BASE PLATE

No Scale

### KEEPER

No Scale

(NAME OF CONSULTANT)

---

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# W6x12

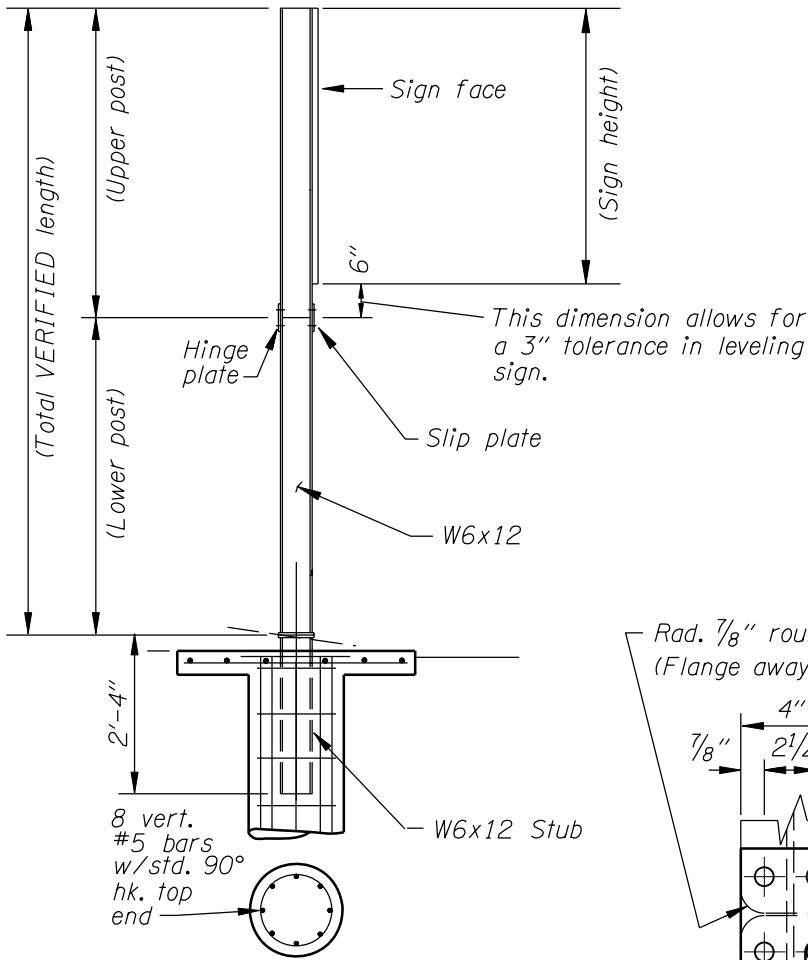
## MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

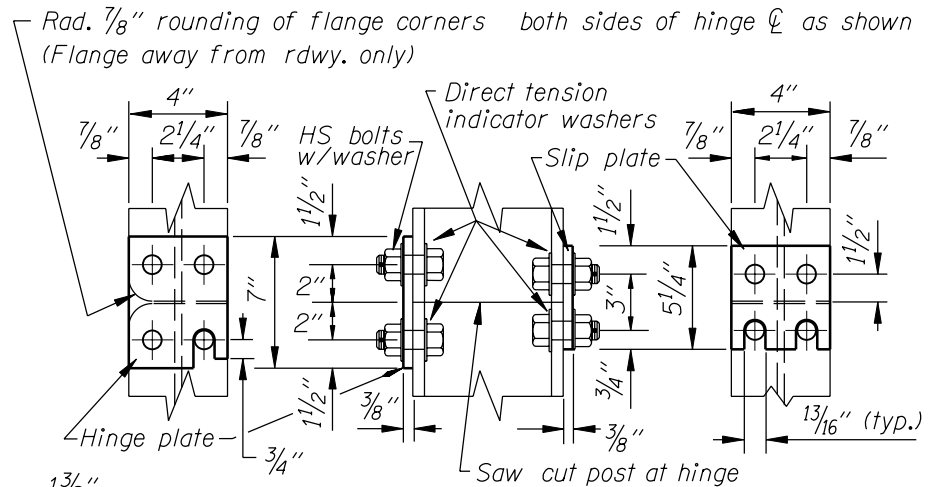
CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)



MATERIAL DESCRIPTION	QUANTITY
W6x12 Upper support	1
W6x12 Lower support	1
2'-4" W6x12 Stub	1
4"x5 1/4"x3/8" Slip Plate	1
4"x7"x3/8" Hinge Plate	1
A325 3/4"x2" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 5/8"x4 1/4" Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
10"x4 1/2"x1" Base/stub plate	2



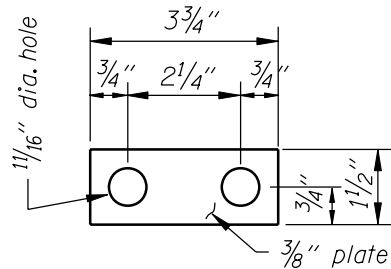
### POST HINGE DETAILS

No Scale

NOTE: All dimensions are in inches (in.) except as noted.

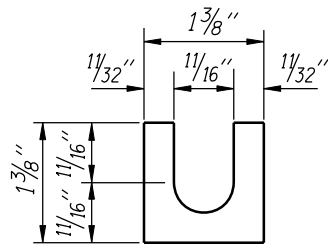
### BREAKAWAY SIGN POST

No Scale



### PLATE "H"

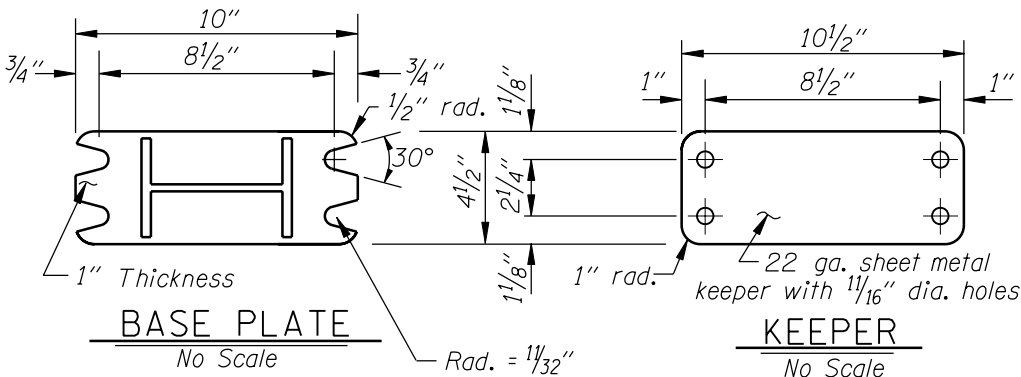
No Scale



### BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



### BASE PLATE

No Scale

### KEEPER

No Scale

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# W6x15

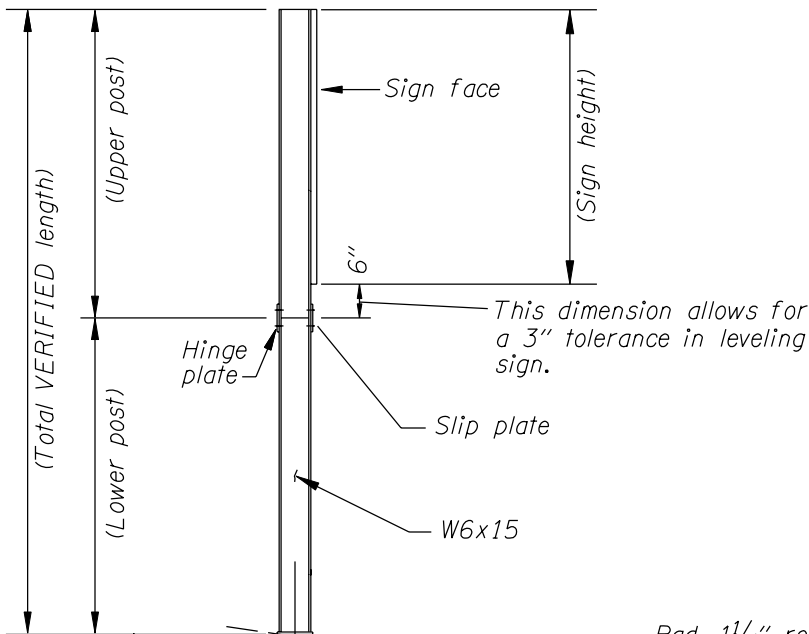
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

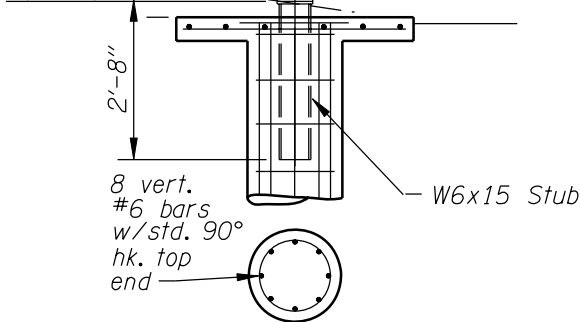
CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)



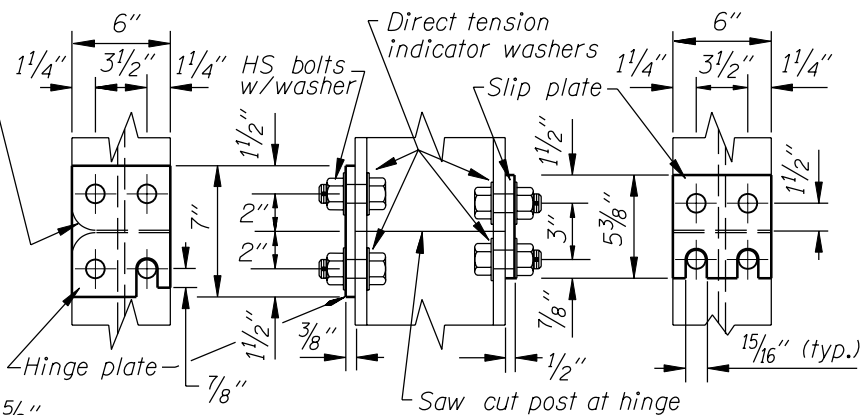
MATERIAL DESCRIPTION	QUANTITY
W6x15 Upper support	1
W6x15 Lower support	1
2'-8" W6x15 Stub	1
6"x5 <sup>3</sup> / <sub>8</sub> "x1 <sup>1</sup> / <sub>2</sub> " Slip Plate	1
6"x7"x3 <sup>3</sup> / <sub>8</sub> " Hinge Plate	1
A325 7/8"x2 <sup>1</sup> / <sub>2</sub> " Hinge bolts with nut, hardened and D.T.I. washers	8
A325 3/4"x4 <sup>1</sup> / <sub>2</sub> " Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
10 <sup>1</sup> / <sub>4</sub> "x6 <sup>1</sup> / <sub>4</sub> "x1" Base/stub plate	2



## BREAKAWAY SIGN POST

No Scale

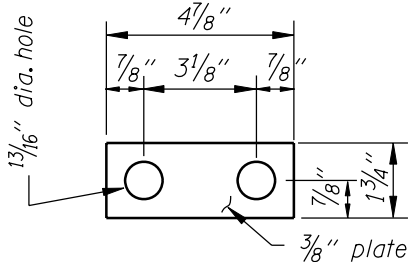
Rad. 1/4" rounding of flange corners both sides of hinge  $\odot$  as shown (Flange away from rdwy. only)



## POST HINGE DETAILS

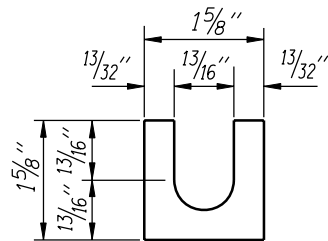
No Scale

NOTE: All dimensions are in inches (in.) except as noted.



## PLATE "H"

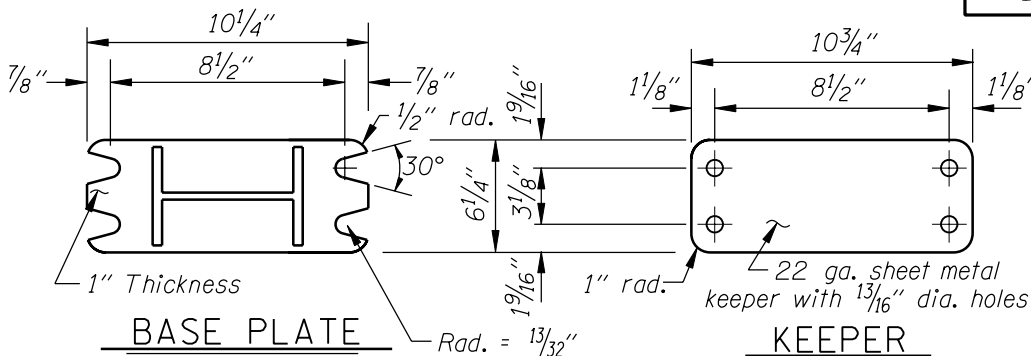
No Scale



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



## BASE PLATE

No Scale

## KEEPER

No Scale

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:



# W8x18

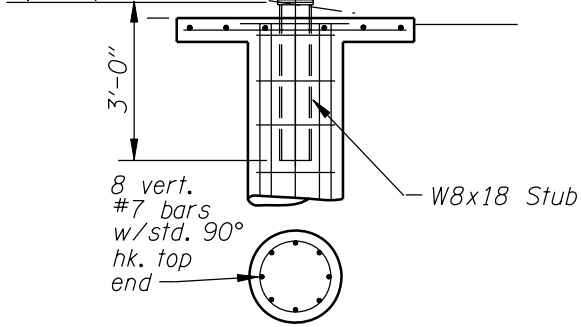
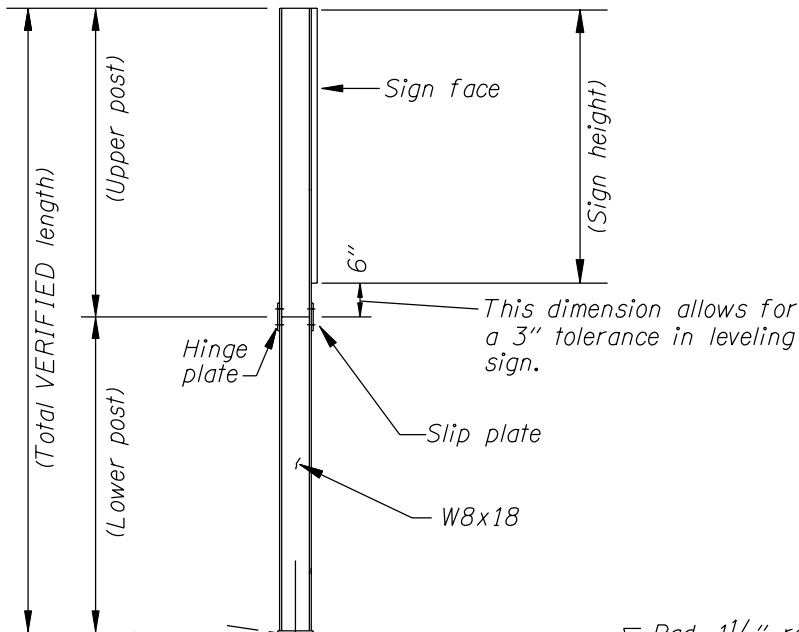
## MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

CONTRACT NO.

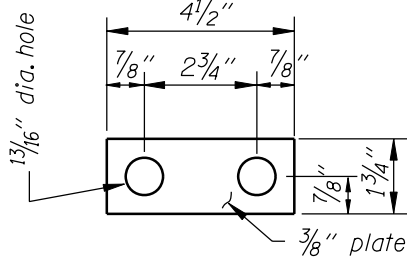
SIGN NUMBER:

L C R (Circle one)



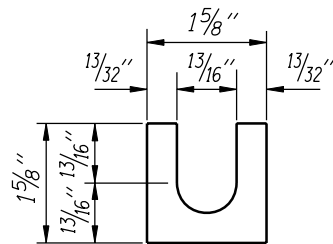
### BREAKAWAY SIGN POST

No Scale



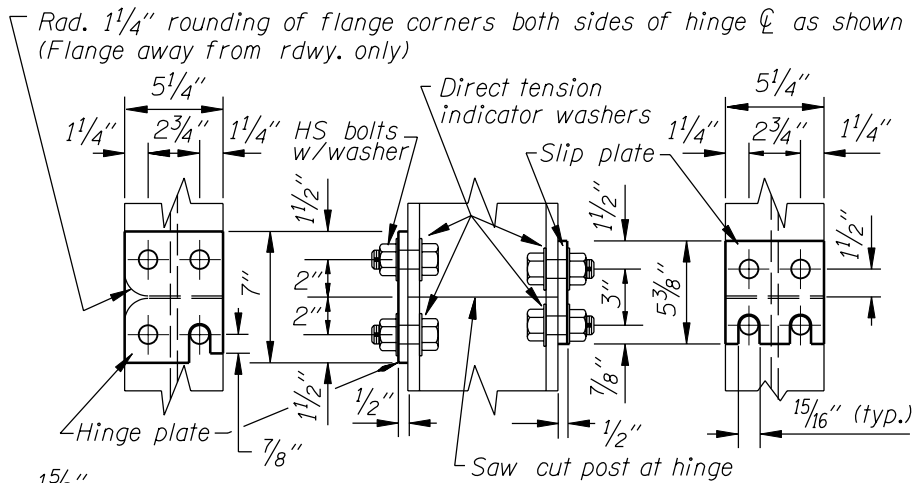
### PLATE "H"

No Scale



### BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

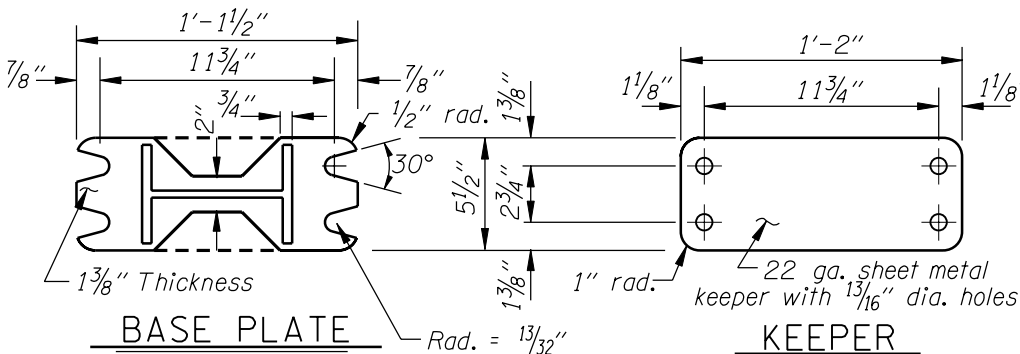


### POST HINGE DETAILS

No Scale

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



### BASE PLATE

No Scale

### KEEPER

No Scale

NOTE: Notch post base plate only.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# W8x21

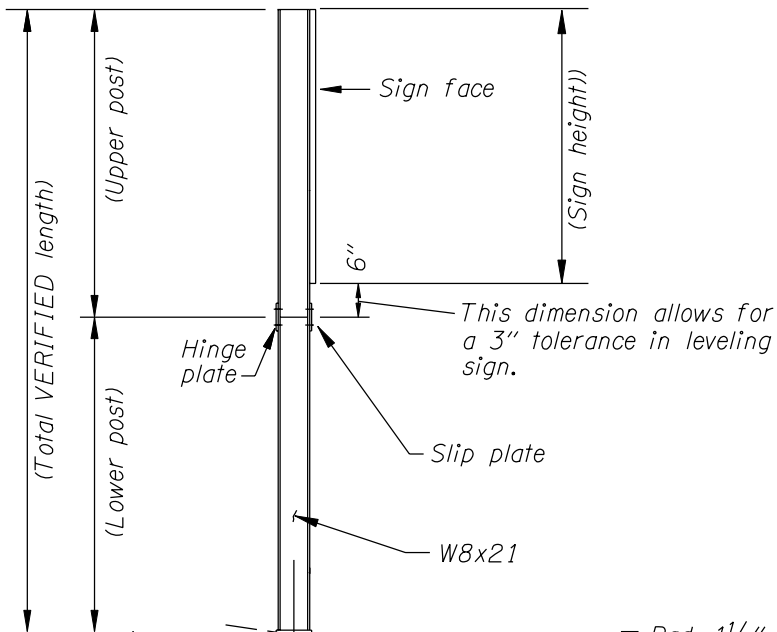
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

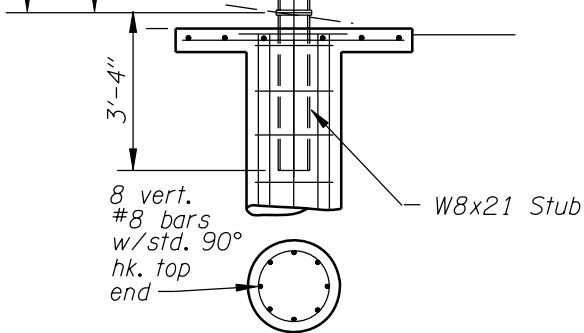
CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)



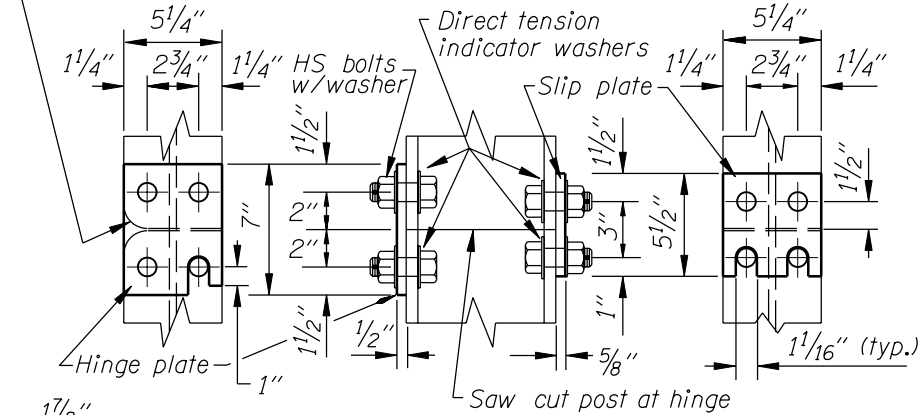
MATERIAL DESCRIPTION	QUANTITY
W8x21 Upper support	1
W8x21 Lower support	1
3'-4" W8x21 Stub	1
5 1/4" x 5 1/2" x 5/8" Slip Plate	1
5 1/4" x 7" x 1/2" Hinge Plate	1
A325 1" x 2 3/4" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 7/8" x 5 1/4" Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
1'-1 3/4" x 6" x 1 3/8" Base/stub plate	2



## BREAKAWAY SIGN POST

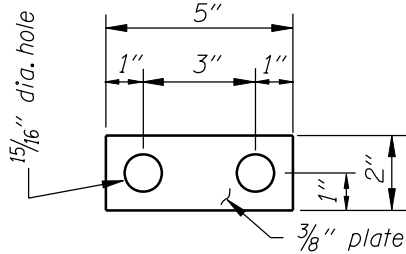
No Scale

Rad. 1/4" rounding of flange corners both sides of hinge  $\phi$  as shown (Flange away from rdwy. only)



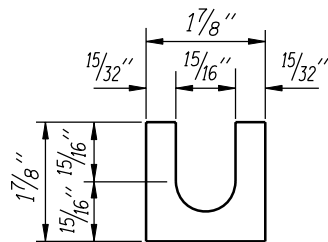
## POST HINGE DETAILS

No Scale



## PLATE "H"

No Scale

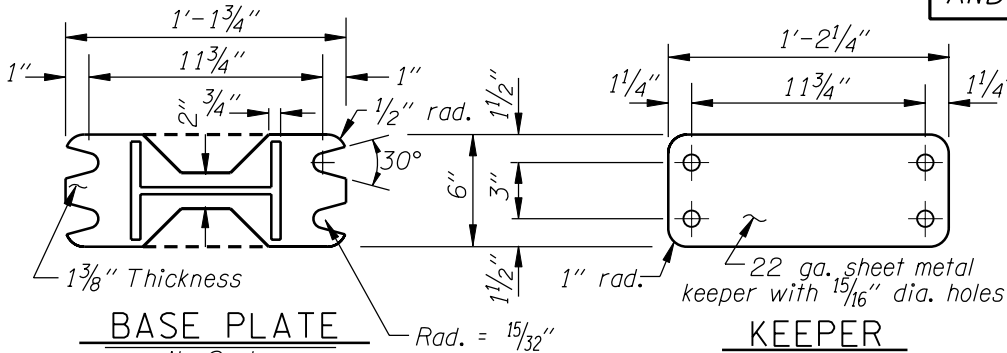


## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



## BASE PLATE

No Scale

## KEEPER

No Scale

NOTE: Notch post base plate only.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# W10x22

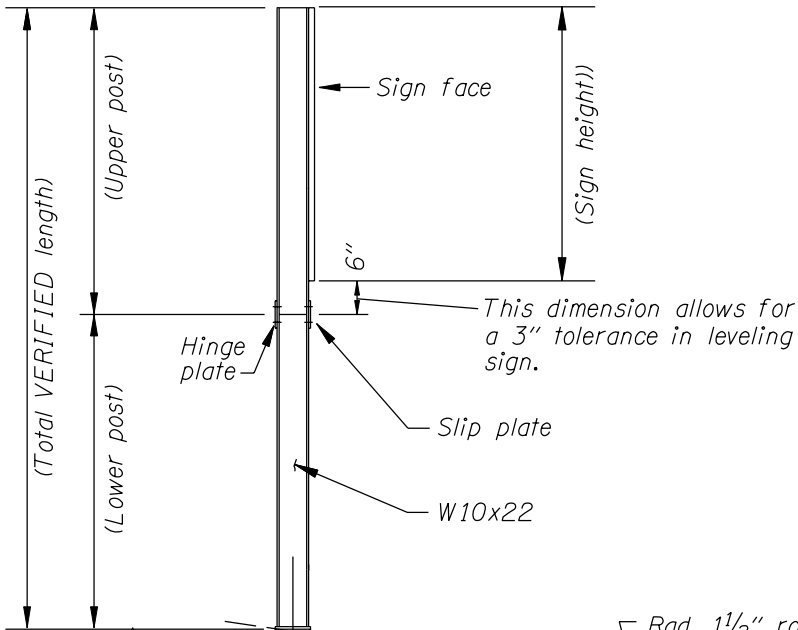
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

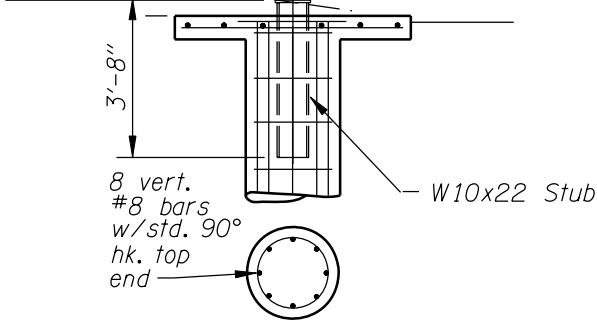
CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)

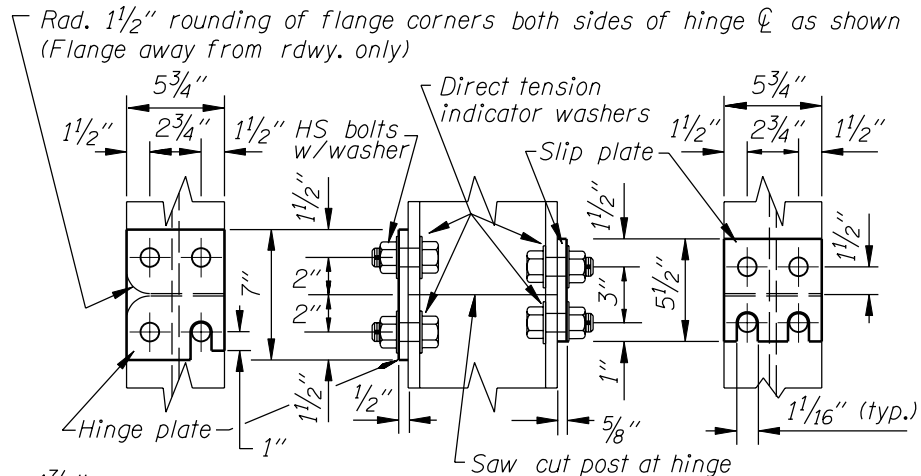


MATERIAL DESCRIPTION	QUANTITY
W10x22 Upper support	1
W10x22 Lower support	1
3'-8" W10x22 Stub	1
5 <sup>3</sup> / <sub>4</sub> " x 5 <sup>1</sup> / <sub>2</sub> " x 5 <sup>5</sup> / <sub>8</sub> " Slip Plate	1
5 <sup>3</sup> / <sub>4</sub> " x 7" x 1 <sup>1</sup> / <sub>2</sub> " Hinge Plate	1
A325 1" x 2 <sup>3</sup> / <sub>4</sub> " Hinge bolts with nut, hardened and D.T.I. washers	8
A325 7 <sup>7</sup> / <sub>8</sub> " x 5 <sup>1</sup> / <sub>4</sub> " Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
1'-3 <sup>1</sup> / <sub>2</sub> " x 6" x 1 <sup>3</sup> / <sub>8</sub> " Base/stub plate	2



## BREAKAWAY SIGN POST

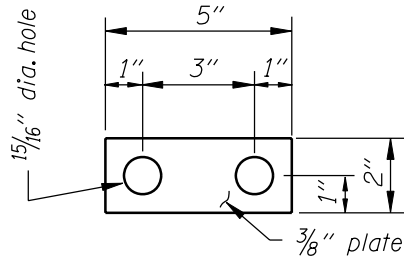
No Scale



## POST HINGE DETAILS

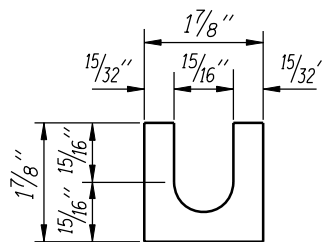
No Scale

NOTE: All dimensions are in inches (in.) except as noted.



## PLATE "H"

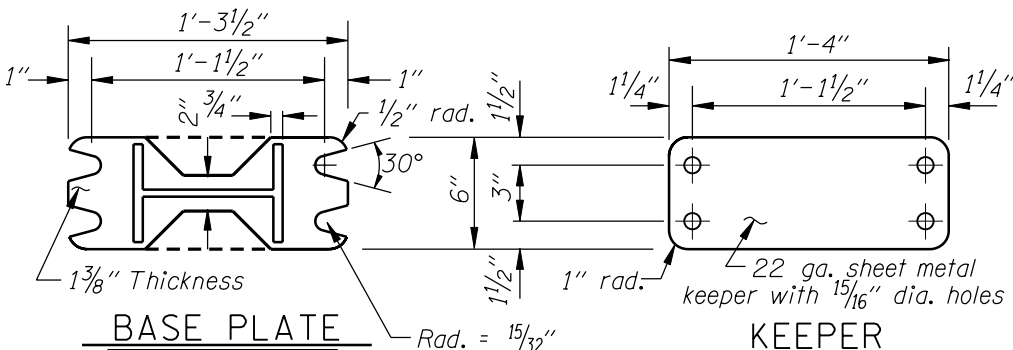
No Scale



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



No Scale

## KEEPER

No Scale

NOTE: Notch post base plate only.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# W10x26

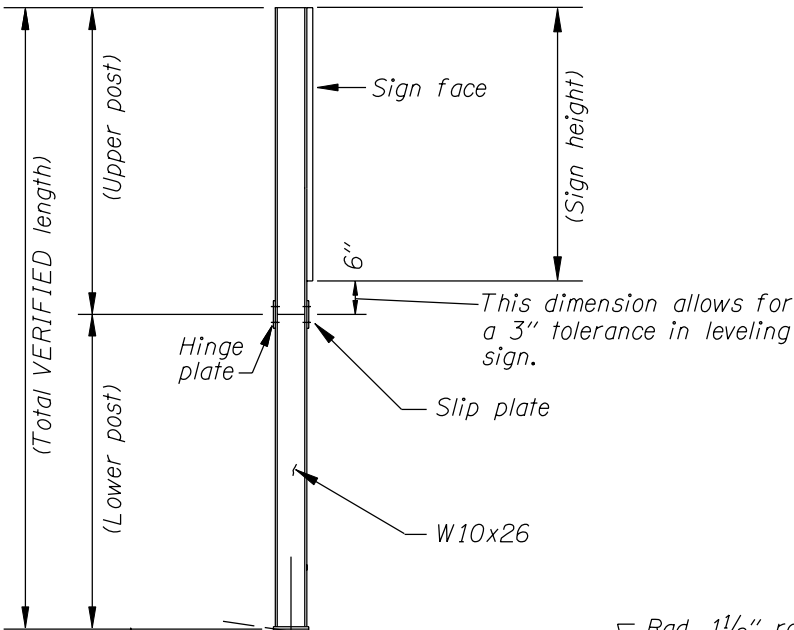
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

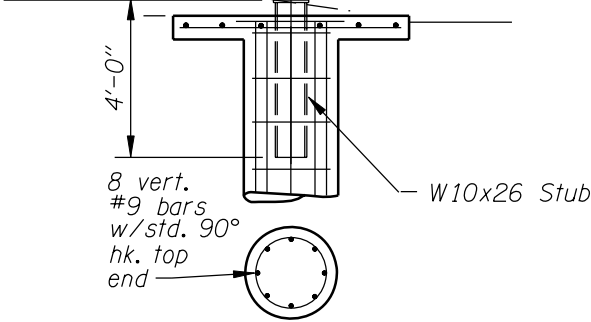
CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)

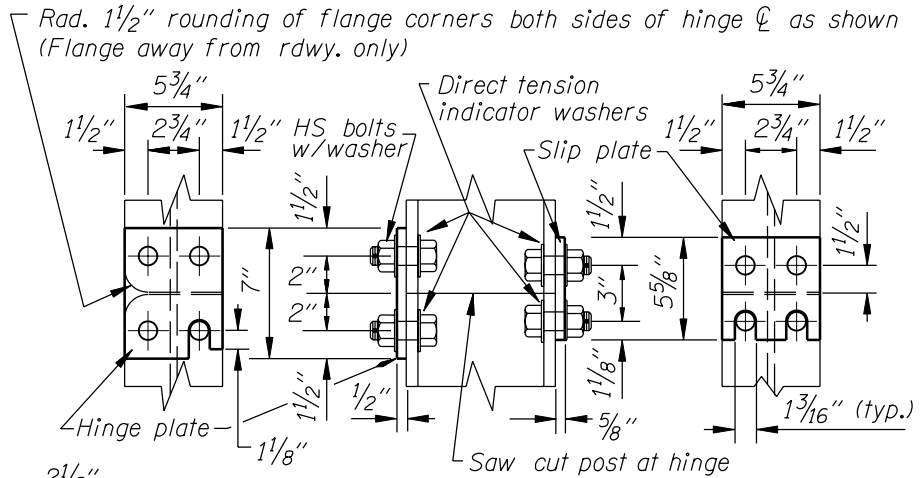


MATERIAL DESCRIPTION	QUANTITY
W10x26 Upper support	1
W10x26 Lower support	1
4'-0" W10x26 Stub	1
5 <sup>3</sup> / <sub>4</sub> "x5 <sup>5</sup> / <sub>8</sub> "x5 <sup>5</sup> / <sub>8</sub> " Slip Plate	1
5 <sup>3</sup> / <sub>4</sub> "x7"x1 <sup>1</sup> / <sub>2</sub> " Hinge Plate	1
A325 1 <sup>1</sup> / <sub>8</sub> "x3" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 1"x5 <sup>1</sup> / <sub>2</sub> " Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
1'-3 <sup>3</sup> / <sub>4</sub> "x7"x1 <sup>3</sup> / <sub>8</sub> " Base/stub plate	2



## BREAKAWAY SIGN POST

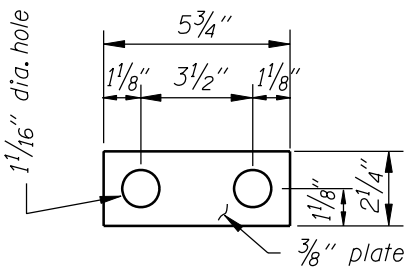
No Scale



## POST HINGE DETAILS

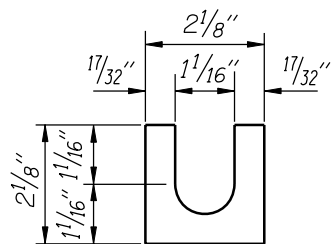
No Scale

NOTE: All dimensions are in inches (in.) except as noted.



## PLATE "H"

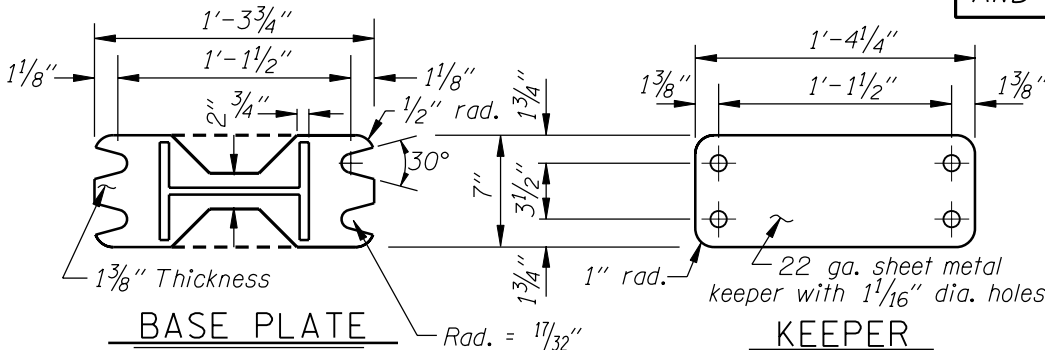
No Scale



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



## BASE PLATE

No Scale

## KEEPER

No Scale

NOTE: Notch post base plate only.

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# W12x26

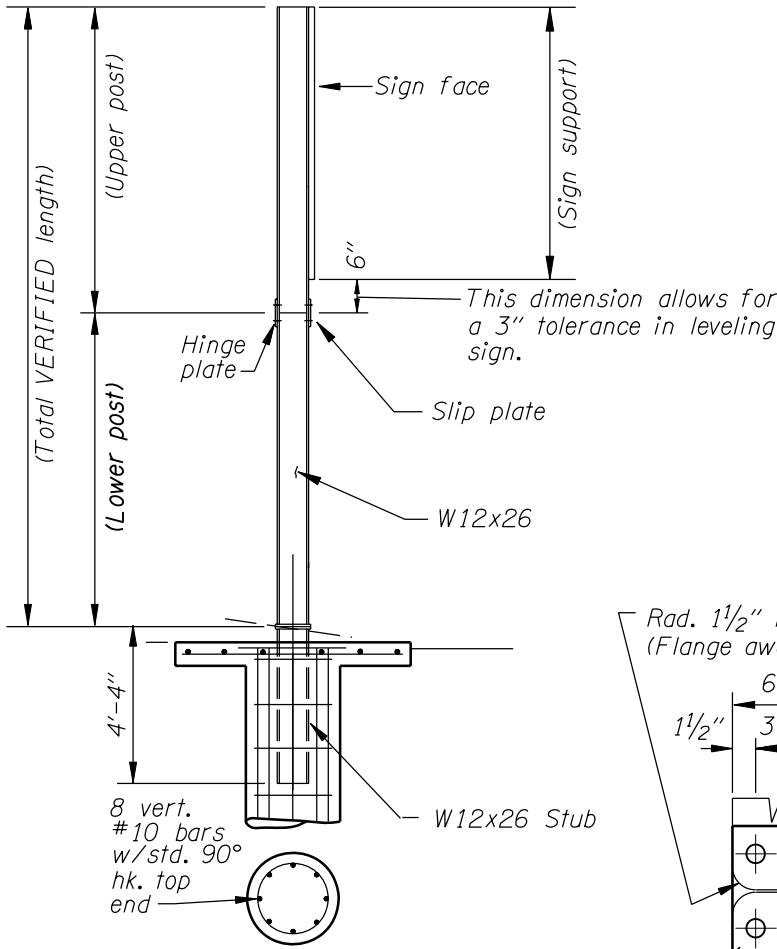
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

CONTRACT NO.

SIGN NUMBER:

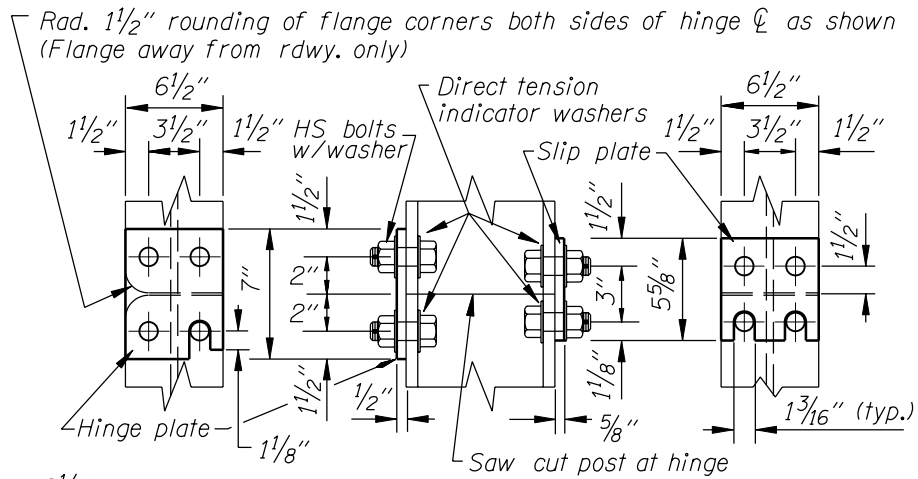
L C R (Circle one)



## BREAKAWAY SIGN POST

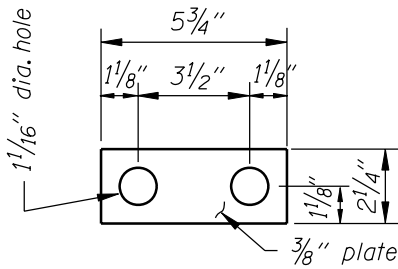
No Scale

MATERIAL DESCRIPTION	QUANTITY
W12x26 Upper support	1
W12x26 Lower support	1
4'-4" W12x26 Stub	1
6 1/2" x 5 5/8" x 5/8" Slip Plate	1
6 1/2" x 7" x 1/2" Hinge Plate	1
A325 1 1/8" x 3" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 1" x 5 3/4" Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
1'-5 3/4" x 7" x 1 1/2" Base/stub plate	2



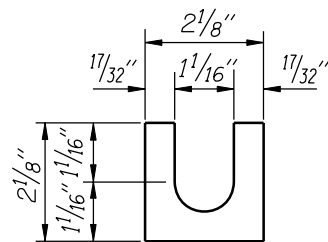
## POST HINGE DETAILS

No Scale



## PLATE "H"

No Scale

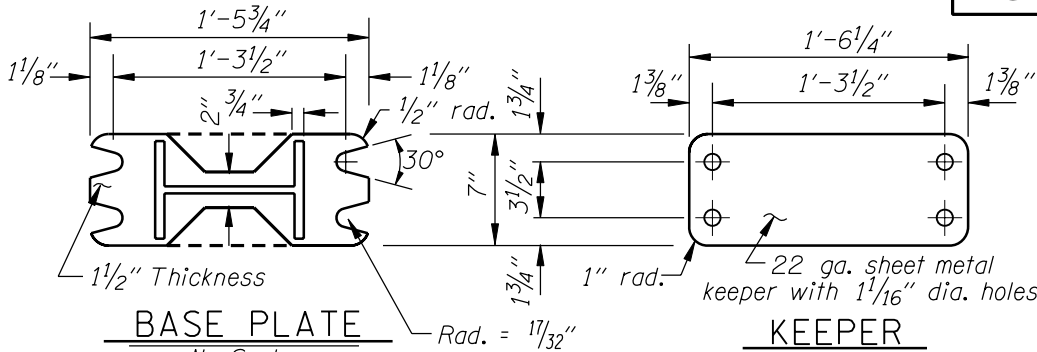


## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



## BASE PLATE

No Scale

## KEEPER

No Scale

NOTE: Notch post base plate only.

(NAME OF CONSULTANT)

---

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# W12x30

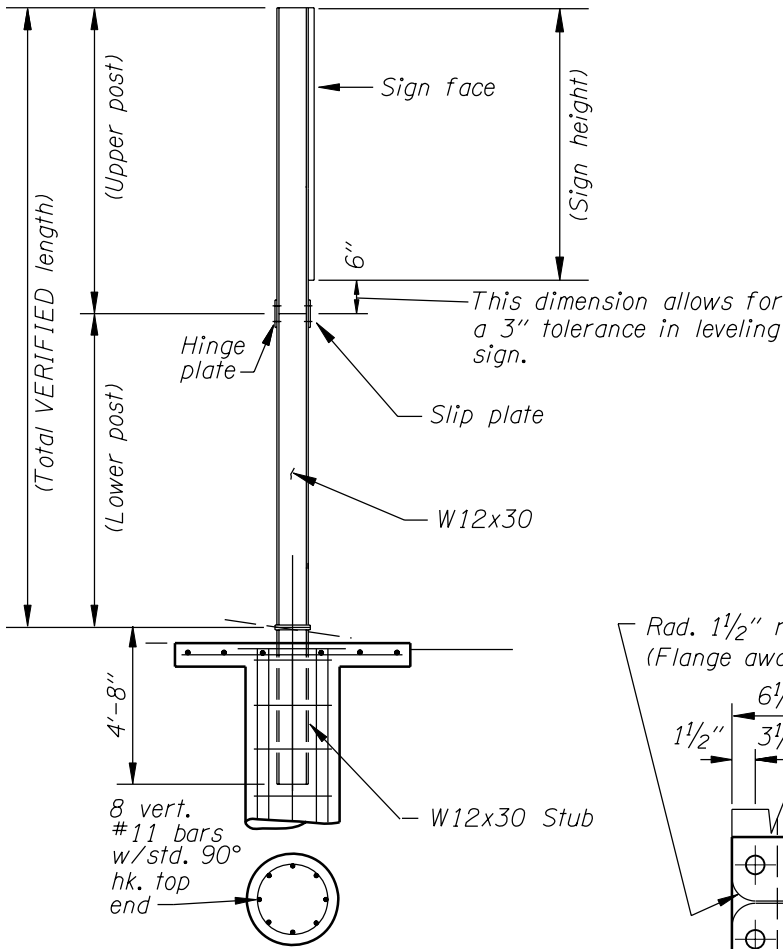
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

CONTRACT NO.

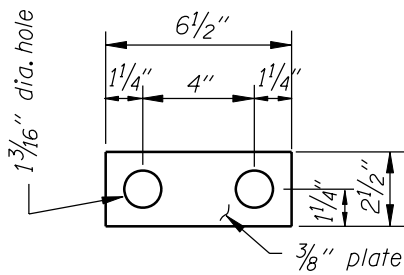
SIGN NUMBER:

L C R (Circle one)



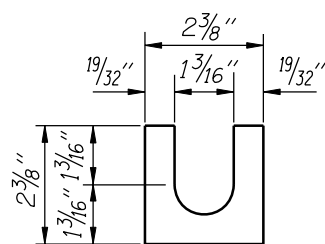
## BREAKAWAY SIGN POST

No Scale



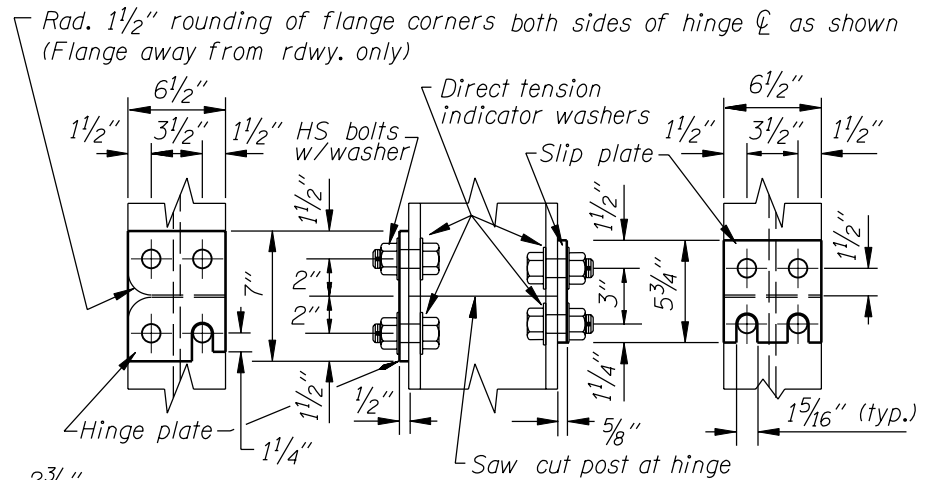
## PLATE "H"

No Scale



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

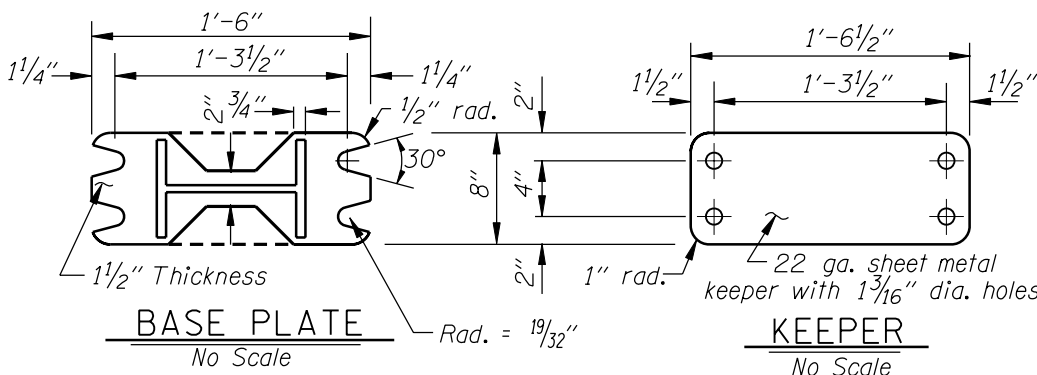


## POST HINGE DETAILS

No Scale

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



## BASE PLATE

No Scale

## KEEPER

No Scale

NOTE: Notch post base plate only.

MATERIAL DESCRIPTION	QUANTITY
W12x30 Upper support	1
W12x30 Lower support	1
4'-8" W12x30 Stub	1
6 1/2" x 5 3/4" x 5/8" Slip Plate	1
6 1/2" x 7" x 1/2" Hinge Plate	1
A325 1 1/4" x 3" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 1 1/8" x 5 3/4" Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
1'-6" x 8" x 1 1/2" Base/stub plate	2

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

# W14x30

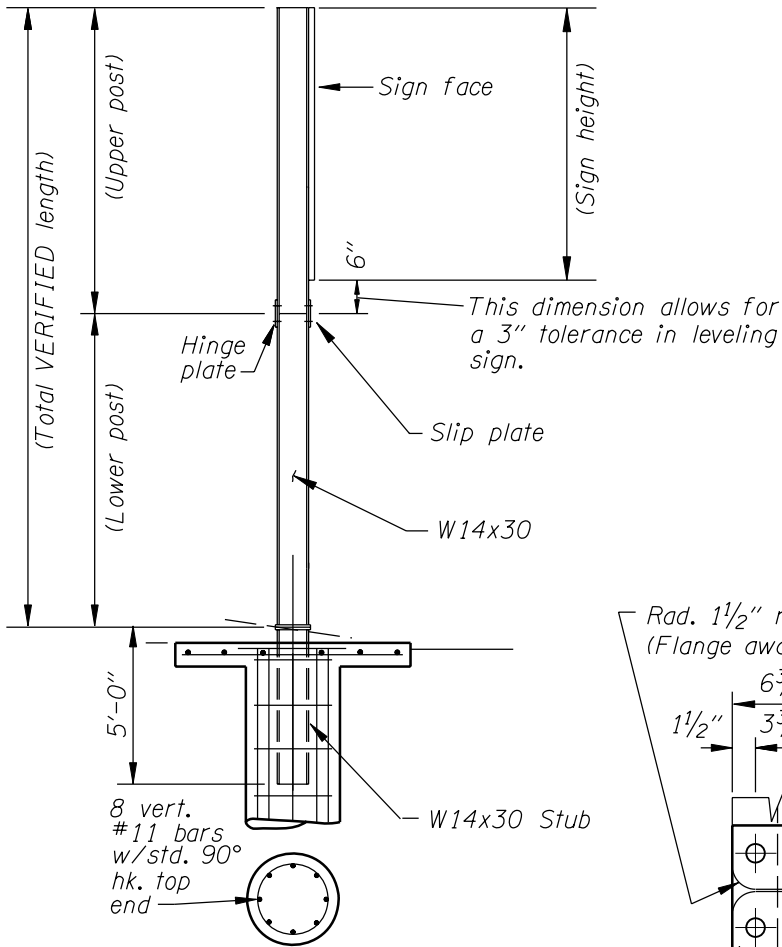
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

CON NO.

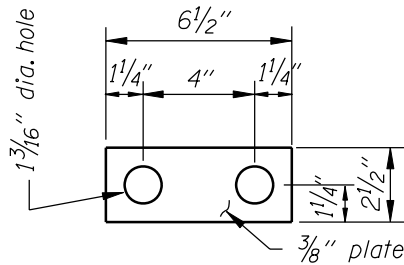
SIGN NUMBER:

L C R (Circle one) DATE:



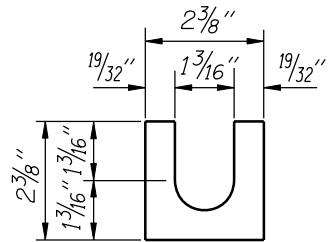
## BREAKAWAY SIGN POST

No Scale



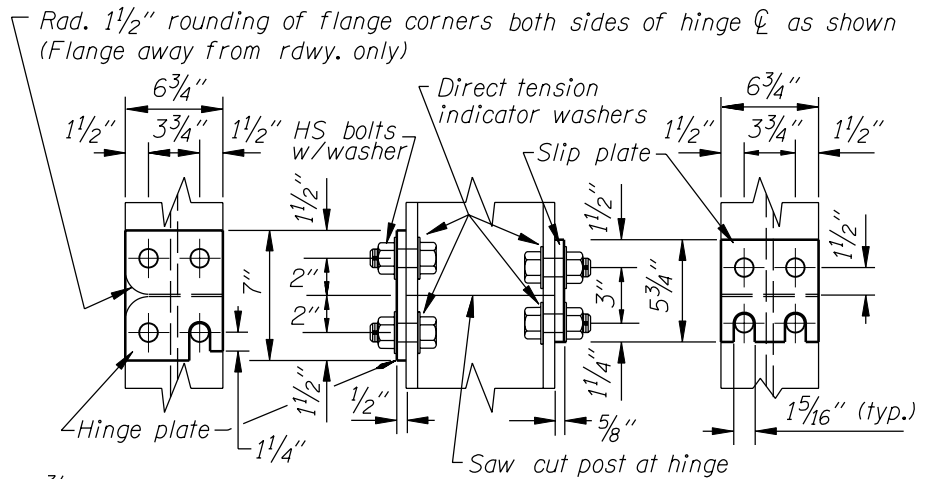
## PLATE "H"

No Scale



## BRASS SHIM DETAIL

Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

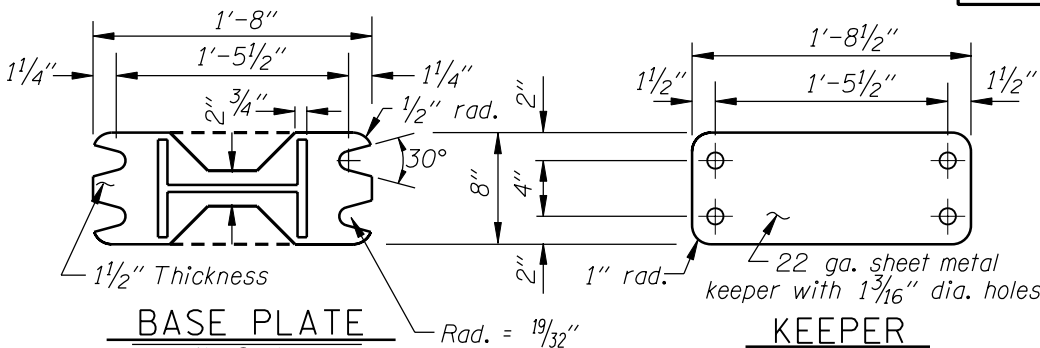


## POST HINGE DETAILS

No Scale

NOTE: All dimensions are in inches (in.) except as noted.

NOTE: REFER TO STD. DWGS. TM600 & 601 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECS.



## BASE PLATE

No Scale

NOTE: Notch post base plate only.

## KEEPER

No Scale

MATERIAL DESCRIPTION	QUANTITY
W14x30 Upper support	1
W14x30 Lower support	1
5'-0" W14x30 Stub	1
6 3/4" x 5 3/4" x 5/8" Slip Plate	1
6 3/4" x 7" x 1/2" Hinge Plate	1
A325 1 1/4" x 3" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 1 1/8" x 5 3/4" Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
1'-8" x 8" x 1 1/2" Base/stub plate	2

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

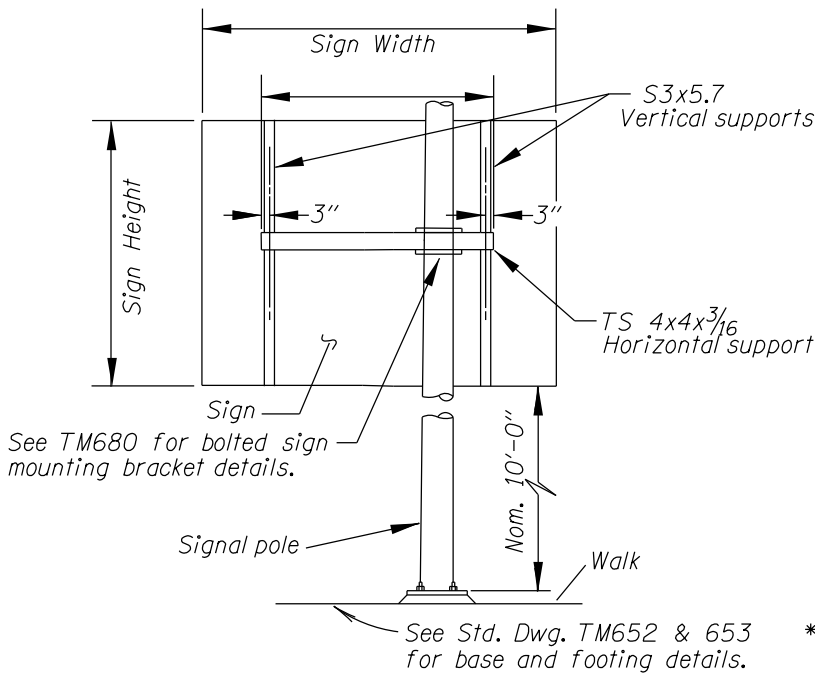
COMMENTS:

# SIGNAL POLE MOUNT

JOB:

CONTRACT NO.

SIGN NUMBER:



MATERIAL DESCRIPTION	QUANTITY
TS 4x4x <sup>3</sup> / <sub>16</sub> Horiz. Support	1
S3x5.7 Vertical Support	2
L 8x4x <sup>7</sup> / <sub>16</sub> x1'-2" Side Brackets	2
L 5x3 <sup>1</sup> / <sub>2</sub> x <sup>1</sup> / <sub>4</sub> x2'-1" Front Brackets	2
4"x4.5" <sup>5</sup> / <sub>16</sub> " Thick Plate Washer	4
4.5"x4.5" <sup>1</sup> / <sub>2</sub> " Thick Plate Spacers	As needed
(Fy Min=36ksi) <sup>3</sup> / <sub>4</sub> "x * Threaded Rods with lock nuts or double nuts thru center of pole.	2
A307 <sup>1</sup> / <sub>2</sub> "x6" Bolts with lock nuts or double nuts.(bracket to horiz. support)	4
A325 <sup>5</sup> / <sub>8</sub> "x * Bolt with lock nuts. Plate spacers/washers as needed. (front bracket to side bracket)	8

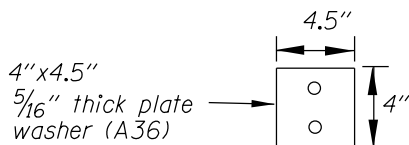
\* Bolt length to be determined in the field.

NOTE: All dimensions are in inches (in.) except as noted.

## POLE MOUNTED SIGN DETAIL

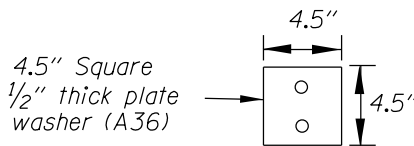
(Cantilever sign to clear traffic)

NOTE: REFER TO ODOT STD. DWG. TM680 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



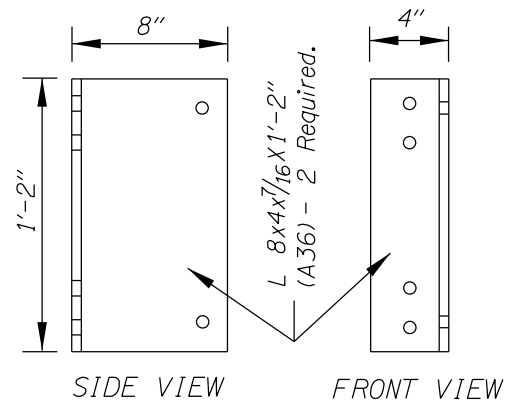
### PLATE WASHER

(4 Required)

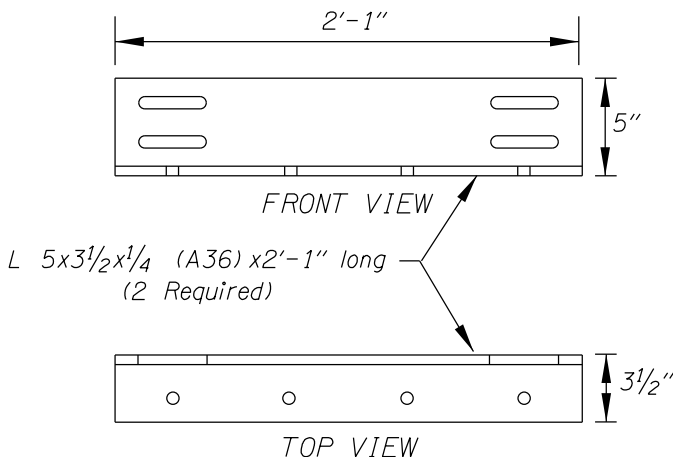


### PLATE SPACER

(Varies)



### POLE MOUNTING BRACKETS (SIDE)



### POLE MOUNTING BRACKETS (FRONT)

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS:

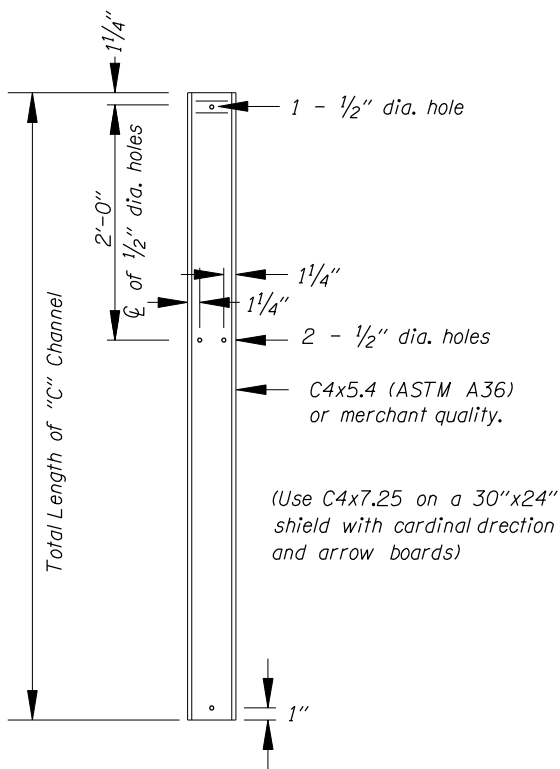


# SECONDARY SIGN SUPPORTS

JOB:

CONTRACT NO.

SIGN NUMBER:



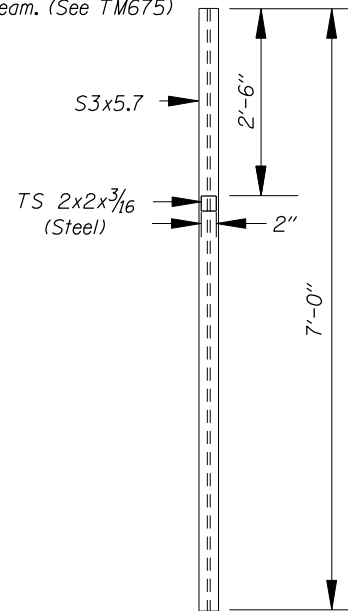
LENGTH	MATERIAL DESCRIPTION	QUANTITY
	TS 2x2x3/16 (ROUTE MARKER FRAME)	
	TS 2x2x3/16 (ROUTE MARKER FRAME)	
	TS 2x2x3/16 (ROUTE MARKER FRAME)	
	TS 2x2x3/16 (ROUTE MARKER FRAME)	
7'-0"	S3x5.7 (EXIT NUMBER SIGN SUPPORT)	
2"	TS 2x2x3/16 (EXIT NUMBER SIGN SUPPORT)	
	C4x5.4 (CHANNEL SUPPORT)	
	C4x5.4 (CHANNEL SUPPORT)	
	C4x5.4 (CHANNEL SUPPORT)	
	C4x7.25 (CHANNEL SUPPORT)	
	C4x7.25 (CHANNEL SUPPORT)	
	C4x7.25 (CHANNEL SUPPORT)	

NOTE: All dimensions are in inches (in.) except as noted.

## SECONDARY SIGN MOUNTING DETAIL

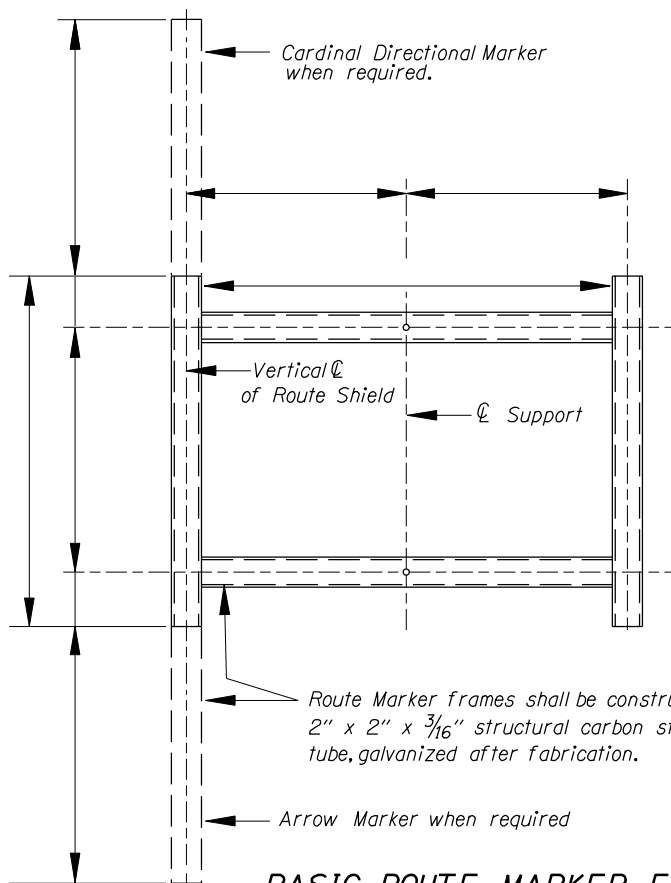
(See TM678 for details)

Use post clips at all mounting extrusions. Both sides of I beam. (See TM675)



## EXIT NUMBER SIGN SUPPORT

(See TM220 for details)



## BASIC ROUTE MARKER FRAME

(See TM678 for details)

(NAME OF CONSULTANT)

DATE: \_\_\_\_\_

NAME: \_\_\_\_\_

COMMENTS: