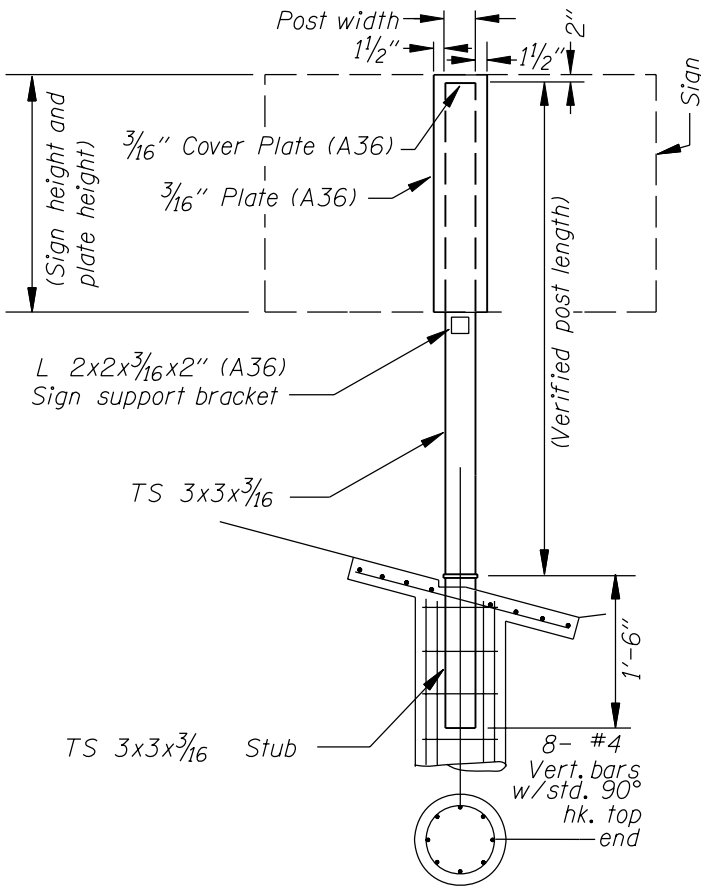


ODOT ENGLISH STEEL DRAWINGS

INDEX

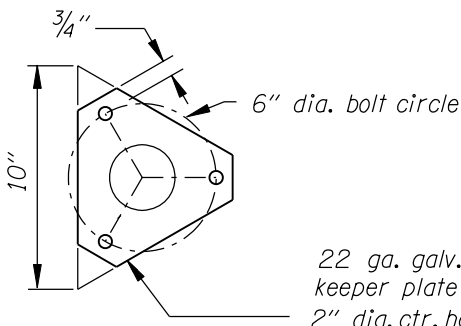
<u>Sheet #</u>	<u>Description</u>
Sheet 01	3 x 3 TBB (no "H" frame) Fill Slope
Sheet 02	3 x 3 TBB (no "H" frame) Cut Slope
Sheet 03	3.5 x 3.5 TBB (no "H" frame) Fill Slope
Sheet 04	3.5 x 3.5 TBB (no "H" frame) Cut Slope
Sheet 05	4 x 4 TBB (no "H" frame) Fill Slope
Sheet 06	4 x 4 TBB (no "H" frame) Cut Slope
Sheet 07	5 x 5 TBB (no "H" frame) Fill Slope
Sheet 08	5 x 5 TBB (no "H" frame) Cut Slope
Sheet 09	6 x 6 TBB (no "H" frame) Fill Slope
Sheet 10	6 x 6 TBB (no "H" frame) Cut Slope
Sheet 11	7 x 7 TBB (no "H" frame) Fill Slope
Sheet 12	7 x 7 TBB (no "H" frame) Cut Slope
Sheet 13	8 x 8 TBB (no "H" frame) Fill Slope
Sheet 14	8 x 8 TBB (no "H" frame) Cut Slope
Sheet 15	3 x 3 TBB (with "H" frame) Fill Slope
Sheet 16	3 x 3 TBB (with "H" frame) Cut Slope
Sheet 17	3.5 x 3.5 TBB (with "H" frame) Fill Slope
Sheet 18	3.5 x 3.5 TBB (with "H" frame) Cut Slope
Sheet 19	4 x 4 TBB (with "H" frame) Fill Slope
Sheet 20	4 x 4 TBB (with "H" frame) Cut Slope
Sheet 21	5 x 5 TBB (with "H" frame) Fill Slope
Sheet 22	5 x 5 TBB (with "H" frame) Cut Slope
Sheet 23	6 x 6 TBB (with "H" frame) Fill Slope
Sheet 24	6 x 6 TBB (with "H" frame) Cut Slope
Sheet 25	7 x 7 TBB (with "H" frame) Fill Slope
Sheet 26	7 x 7 TBB (with "H" frame) Cut Slope
Sheet 27	8 x 8 TBB (with "H" frame) Fill Slope
Sheet 28	8 x 8 TBB (with "H" frame) Cut Slope
Sheet 29	6 x 9 MPB
Sheet 30	6 x 12 MPB
Sheet 31	6 x 15 MPB
Sheet 32	8 x 18 MPB
Sheet 33	8 x 21 MPB
Sheet 34	10 x 22 MPB
Sheet 35	10 x 26 MPB
Sheet 36	12 x 26 MPB
Sheet 37	12 x 30 MPB
Sheet 38	14 x 30 MPB
Sheet 39	Signal Pole Mounts
Sheet 40	Secondary Sign Supports

FILL SLOPE



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

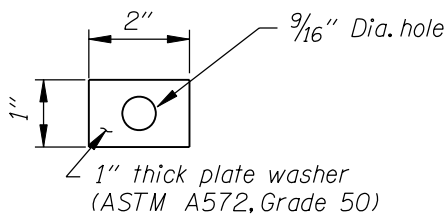
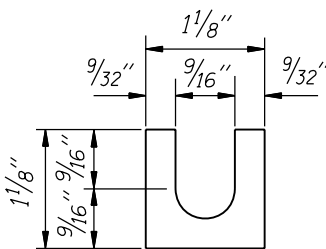


PLATE "H"

No Scale



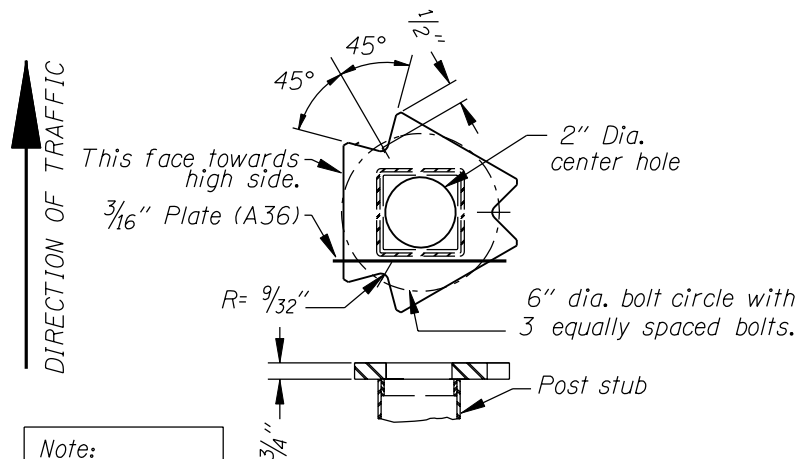
BRASS SHIM DETAIL

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

MATERIAL DESCRIPTION	QUANTITY
3x3x ³ / ₁₆ Post	1
x6"x ³ / ₁₆ " Plate (A36)	1
1'-6" 3x3x ³ / ₁₆ Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 1/2"x4 ³ / ₄ " Base plate bolt with nut and (3) hardened washers.	3
2 ³ / ₄ "x2 ³ / 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.



POST STUB DETAILS

No Scale

Note:
Post base plate details similar.

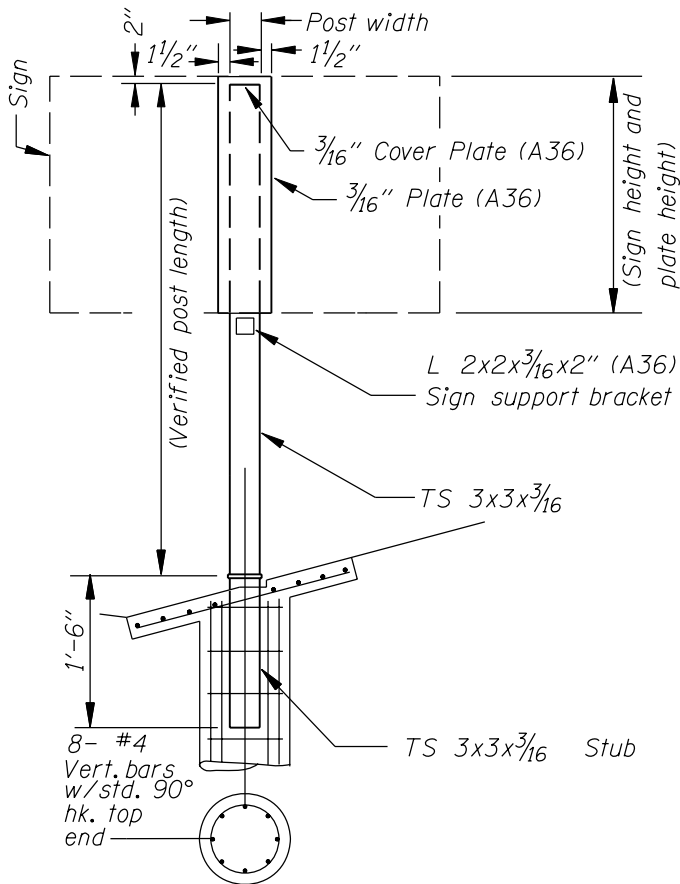


DATE: _____

NAME: _____

COMMENTS:

CUT SLOPE



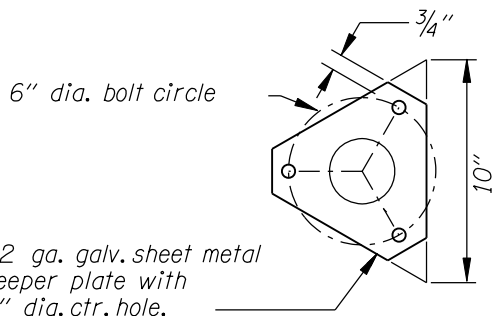
MATERIAL DESCRIPTION	QUANTITY
3x3x ³ / ₁₆ Post	1
x6"x ³ / ₁₆ " Plate (A36)	1
1'-6" 3x3x ³ / ₁₆ Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 1/2"x4 ³ / ₄ " Base plate bolt with nut and (3) hardened washers.	3
2 ³ / ₄ "x2 ³ / ₄ "x ³ / ₁₆ " Cover plate	1
Sign support bracket	1
Base/stub plate	2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

BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

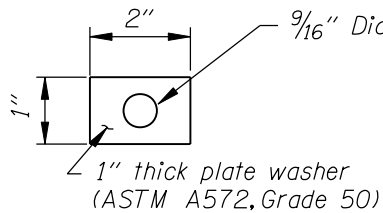
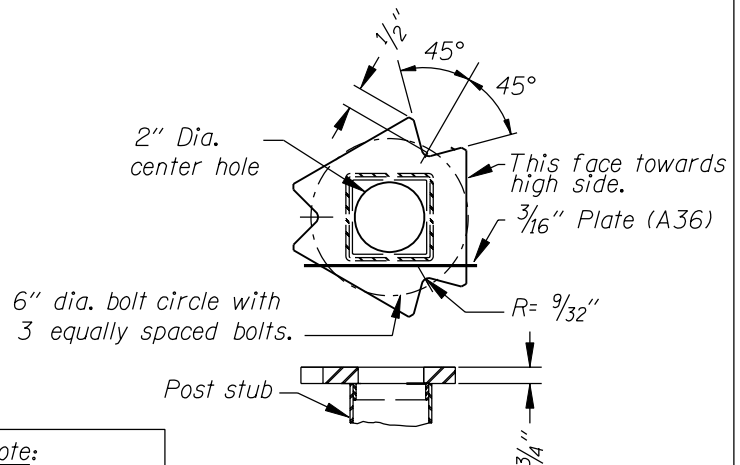


PLATE "H"

No Scale

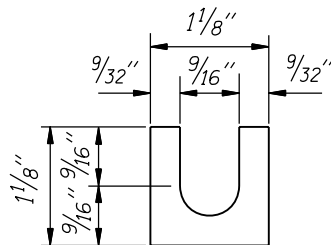
DIRECTION OF TRAFFIC



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.



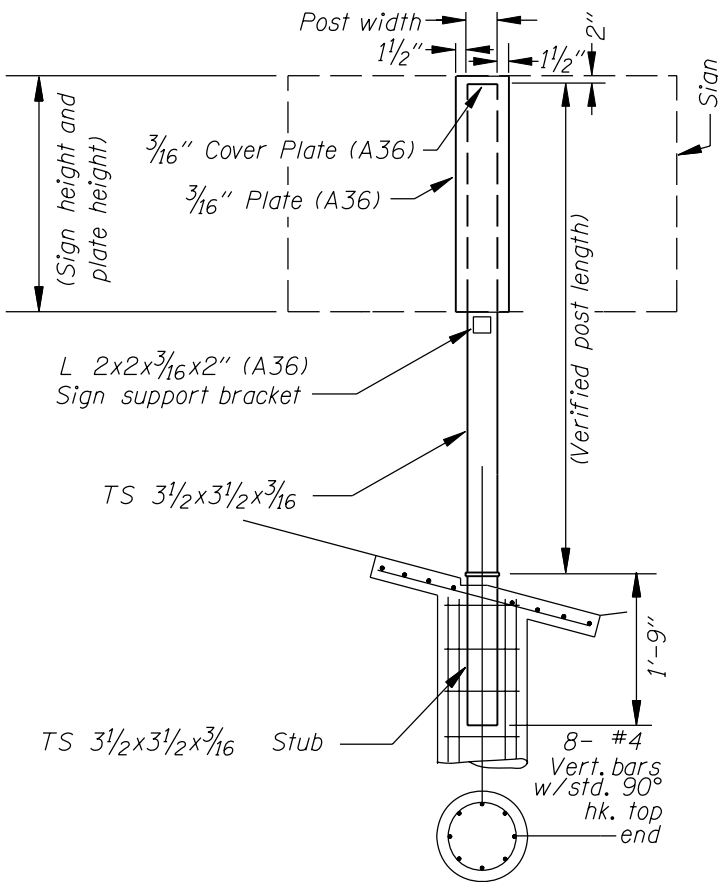
DATE: _____

NAME: _____

COMMENTS:

FILL SLOPE

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

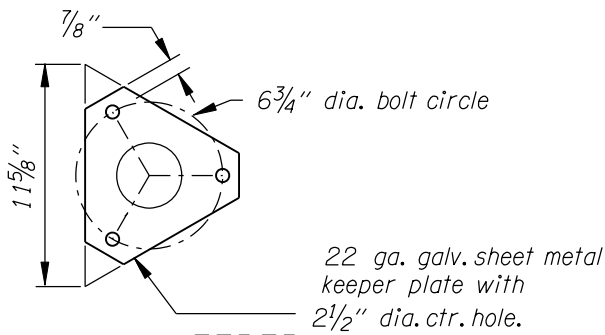


BREAKAWAY SIGN POST

No Scale

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

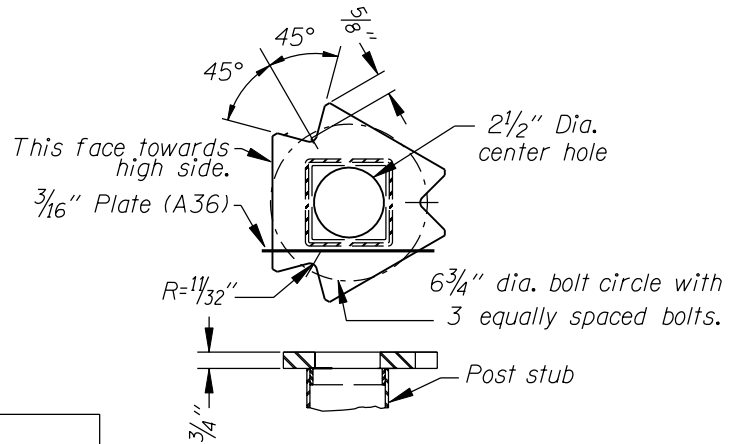
NOTE: REFER TO ODOT STD. DWG. NO. TM602 FOR COMPLETE INSTALLATION DETAILS, WELDING REQUIREMENTS AND ADDITIONAL GENERAL SPECIFICATIONS.



KEEPER

No Scale

Note:
 Post base plate details similar.



POST STUB DETAILS

No Scale

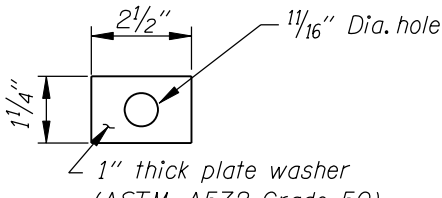
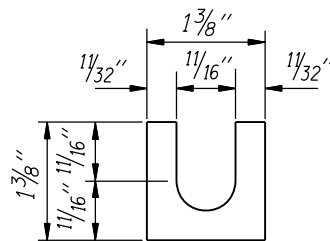


PLATE "H"

No Scale



BRASS SHIM DETAIL

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

DATE: _____

NAME: _____

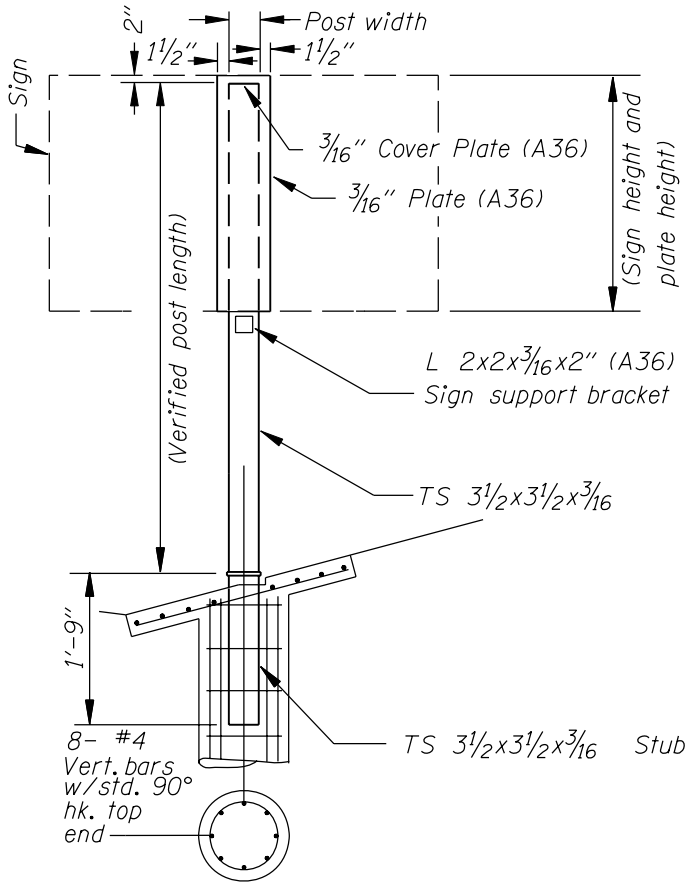
COMMENTS:

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

JOB:
 SIGN NUMBER:

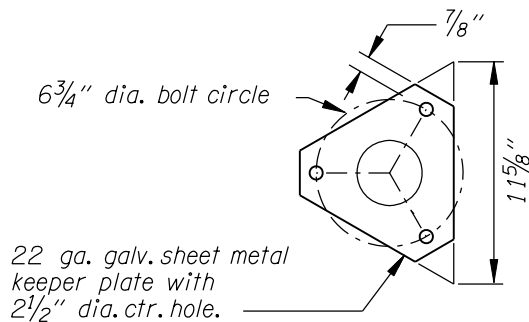
CONTRACT NO.

CUT SLOPE



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

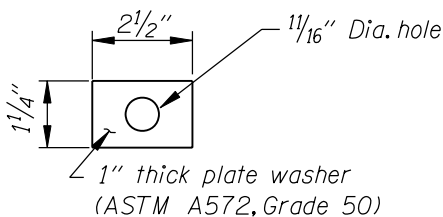
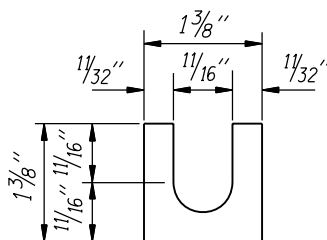


PLATE "H"

No Scale



BRASS SHIM DETAIL

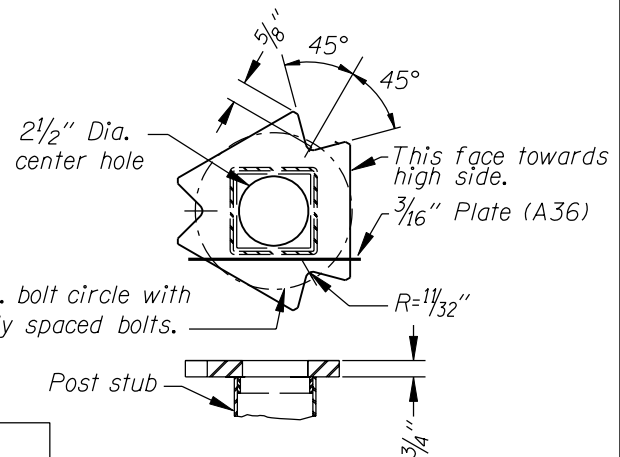
Provide 2 @ 0.012" thick and
 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
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.

DIRECTION OF TRAFFIC



POST STUB DETAILS

No Scale

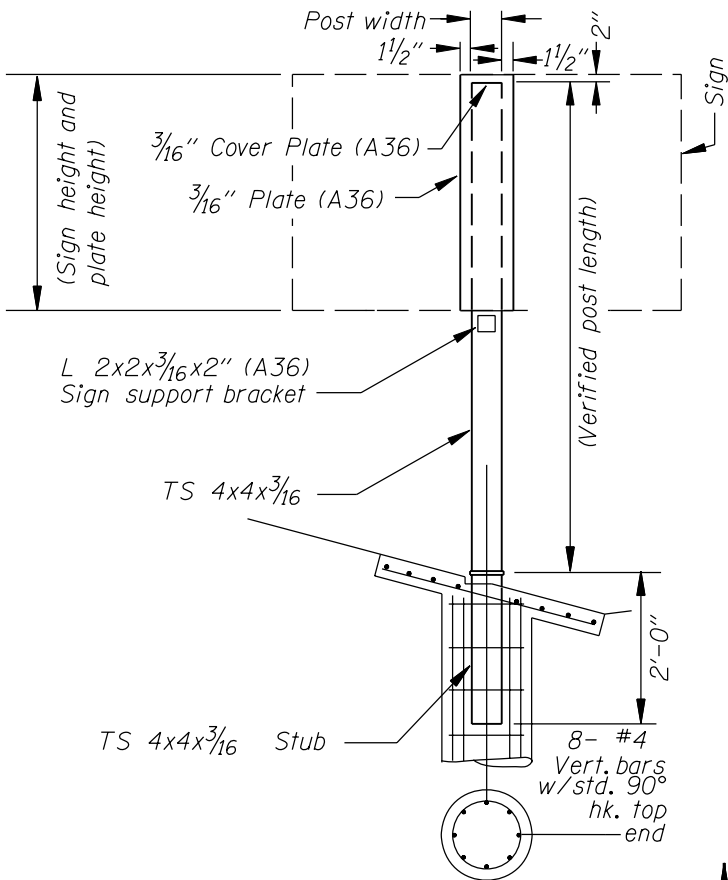
OREGON DEPARTMENT
 OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

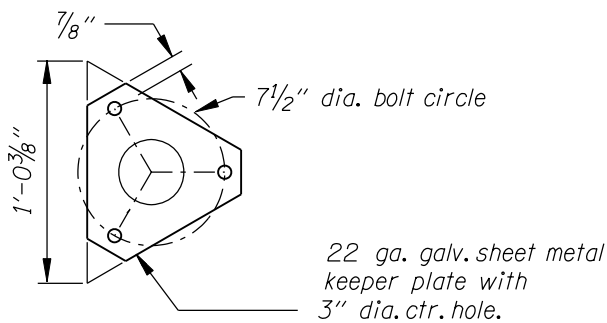
COMMENTS:

FILL SLOPE



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

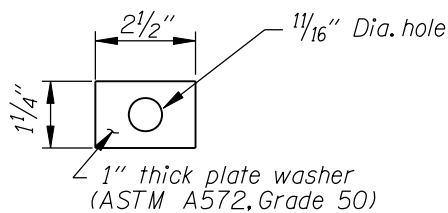
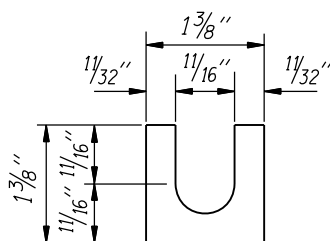


PLATE "H"

No Scale



BRASS SHIM DETAIL

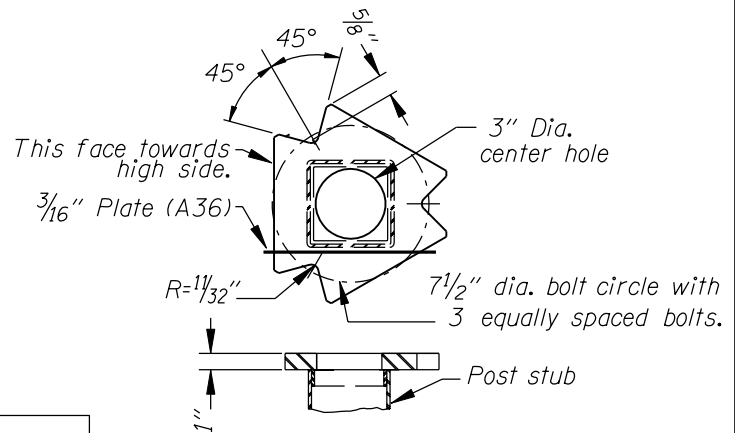
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
4x4x ³ / ₁₆ Post	1
x7"x ³ / ₁₆ " Plate (A36)	1
2'-0" 4x4x ³ / ₁₆ Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 ⁵ / ₈ "x ⁵ / ₂ " Base plate bolt with nut and (3) hardened washers.	3
3 ³ / ₄ "x3 ³ / 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

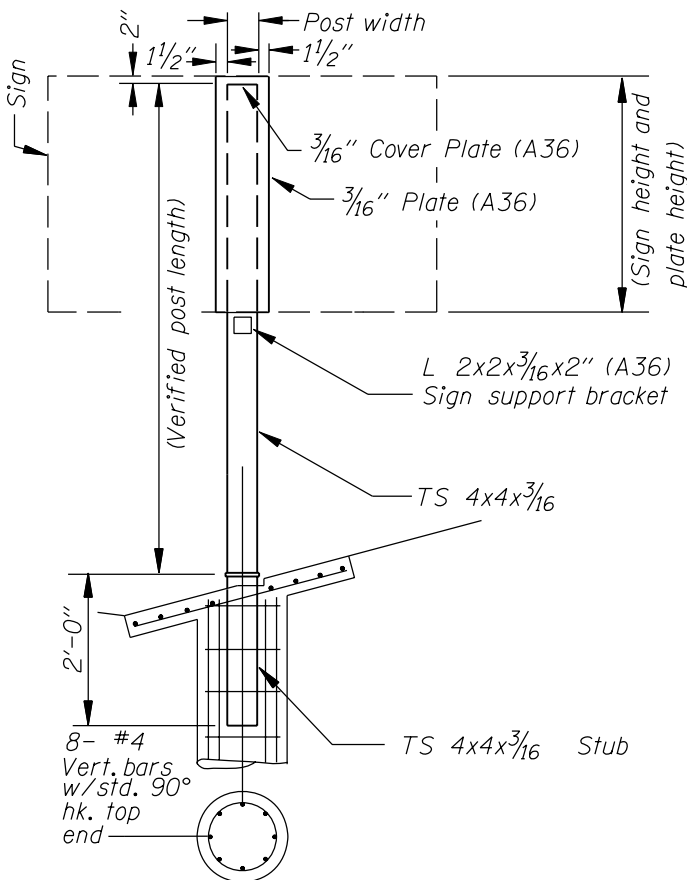
OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

COMMENTS:

CUT SLOPE



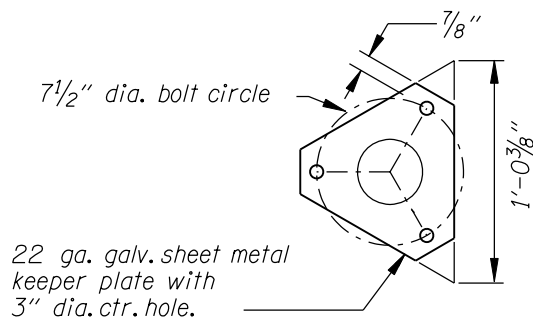
BREAKAWAY SIGN POST

No Scale

MATERIAL DESCRIPTION	QUANTITY
4x4x ³ / ₁₆ Post	1
x7"x ³ / ₁₆ " Plate (A36)	1
2'-0" 4x4x ³ / ₁₆ 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 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

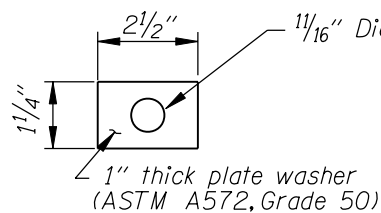
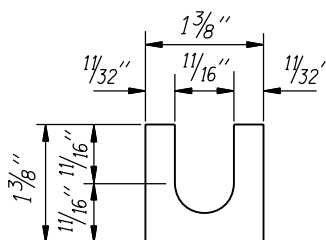


PLATE "H"

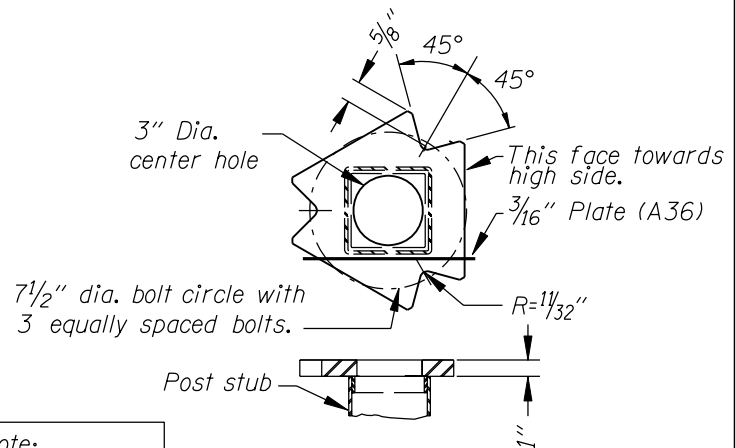
No Scale



BRASS SHIM DETAIL

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

DIRECTION OF TRAFFIC



POST STUB DETAILS

No Scale

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

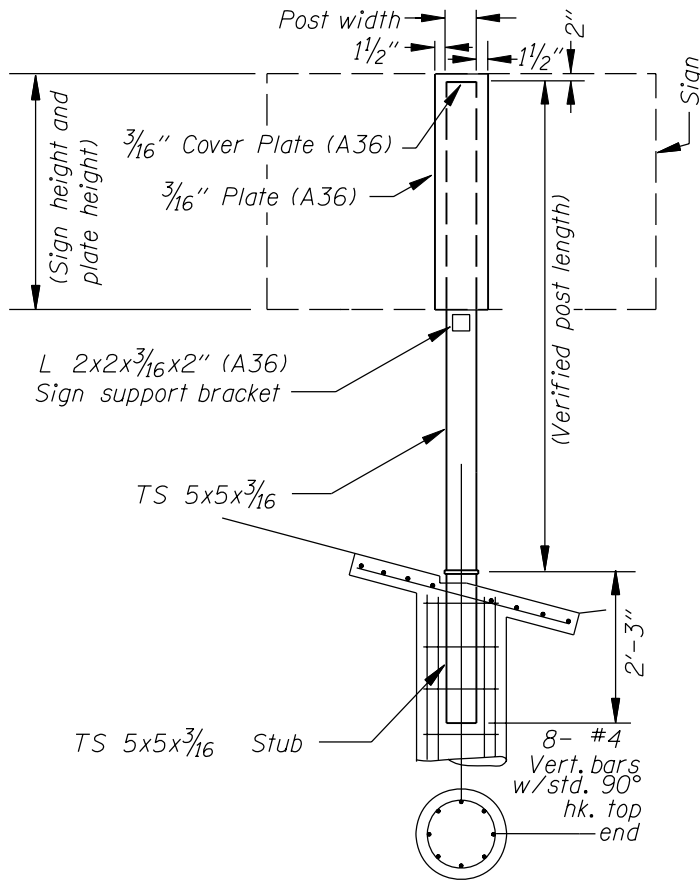
COMMENTS:

TS 5x5x3/16
TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

CONTRACT NO.

FILL SLOPE



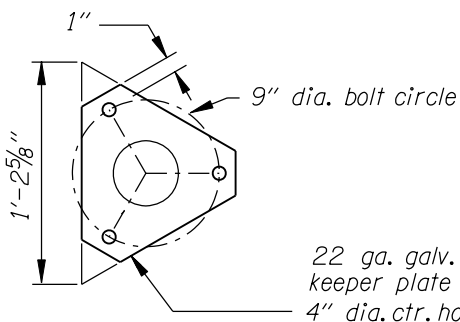
MATERIAL DESCRIPTION	QUANTITY
5x5x3/16 Post	1
x8"x3/16" Plate (A36)	1
2'-3" 5x5x3/16 Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 3/4"x5 1/2" Base plate bolt with nut and (3) hardened washers.	3
4 3/4"x4 3/4"x3/16" Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

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

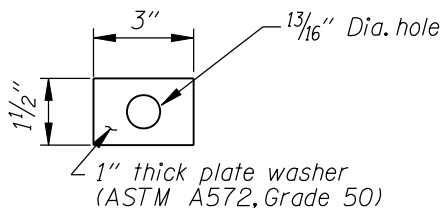
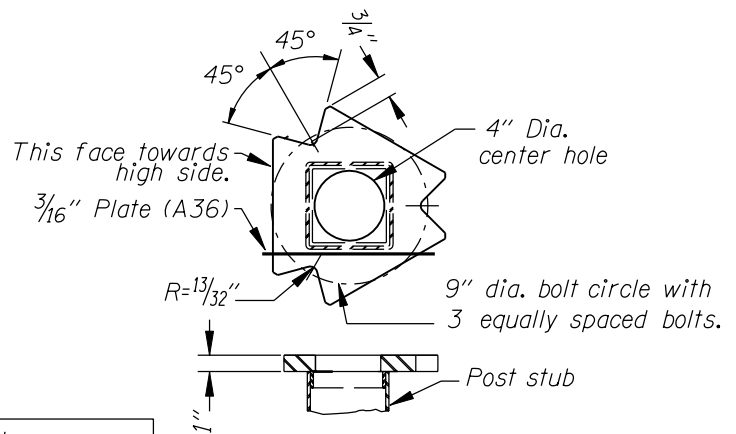


PLATE "H"

No Scale

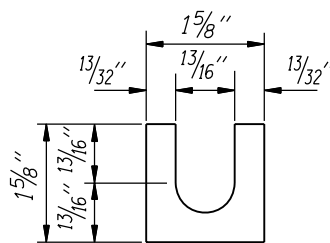
DIRECTION OF TRAFFIC



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.

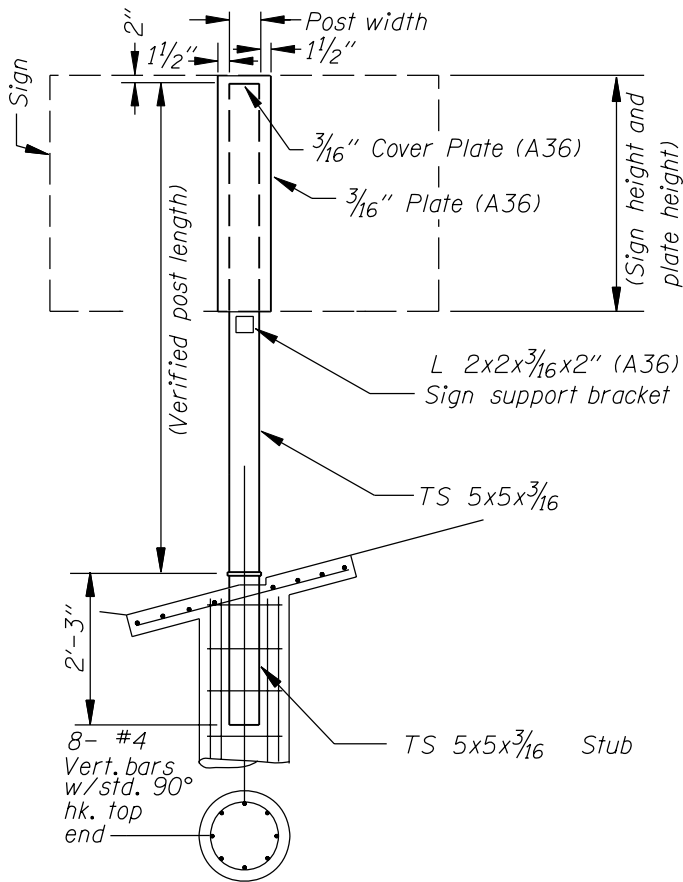


DATE: _____

NAME: _____

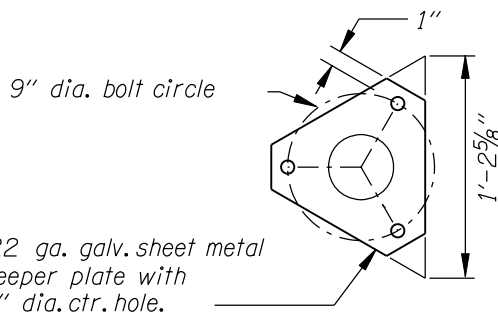
COMMENTS:

CUT SLOPE



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

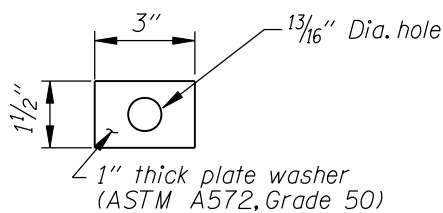
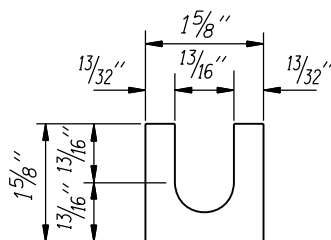


PLATE "H"

No Scale



BRASS SHIM DETAIL

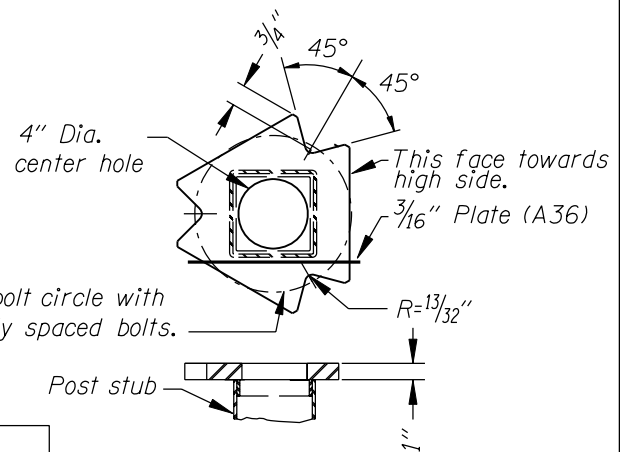
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
5x5x ³ / ₁₆ Post	1
x8"x ³ / ₁₆ " Plate (A36)	1
2'-3" 5x5x ³ / ₁₆ 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"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



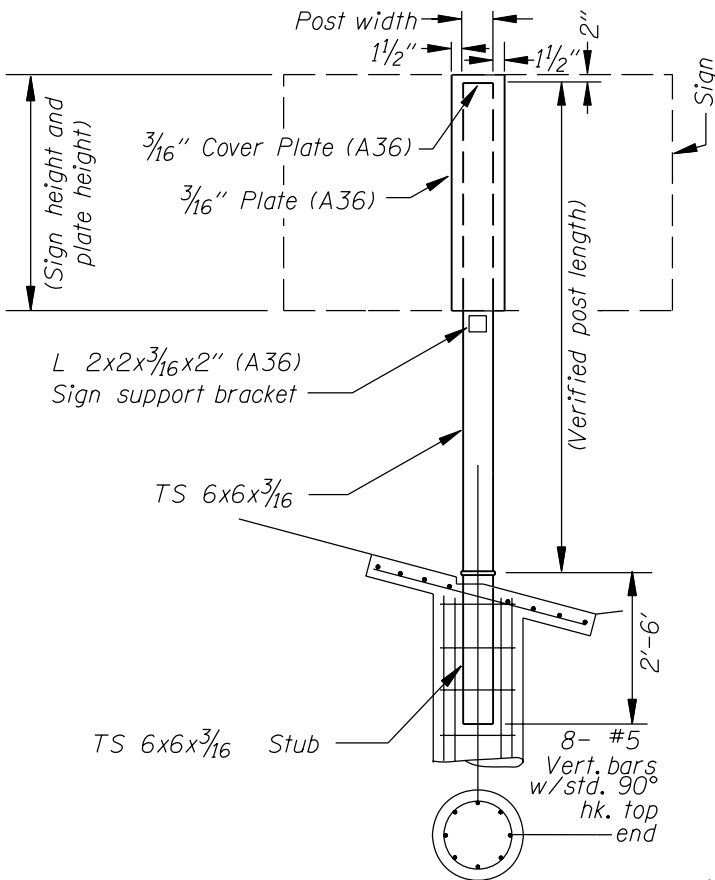
DATE: _____

NAME: _____

COMMENTS:

FILL SLOPE

MATERIAL DESCRIPTION	QUANTITY
6x6x ³ / ₁₆ Post	1
x9"x ³ / ₁₆ " Plate (A36)	1
2'-6" 6x6x ³ / 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
5 ³ / ₄ "x5 ³ / ₄ "x ³ / ₁₆ " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass shims	4

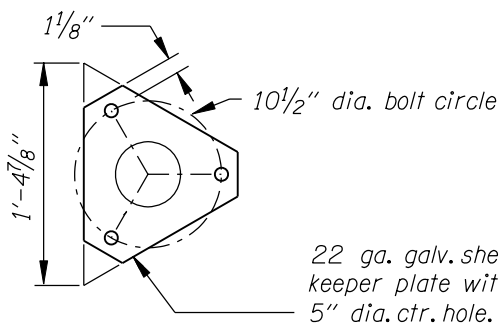


BREAKAWAY SIGN POST

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

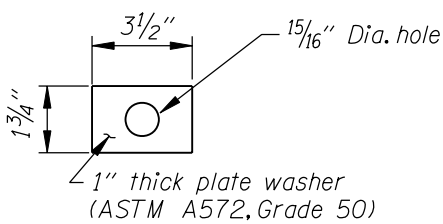
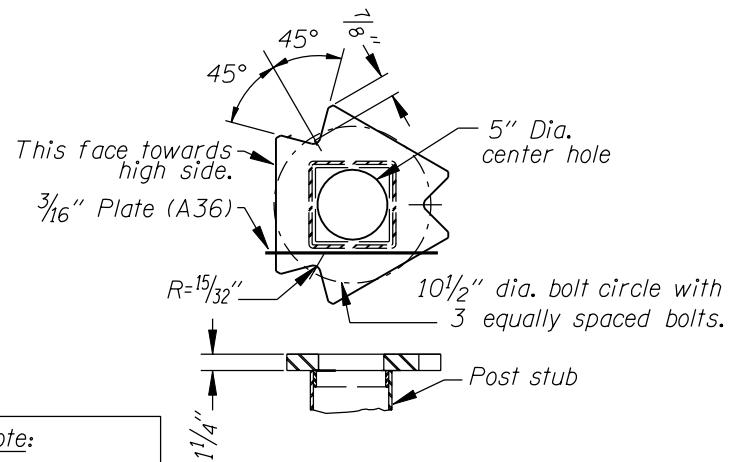


PLATE "H"

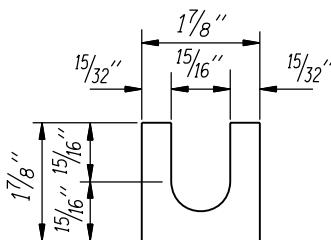
No Scale

DIRECTION OF TRAFFIC



POST STUB DETAILS

No Scale



BRASS SHIM DETAIL

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

 OREGON DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

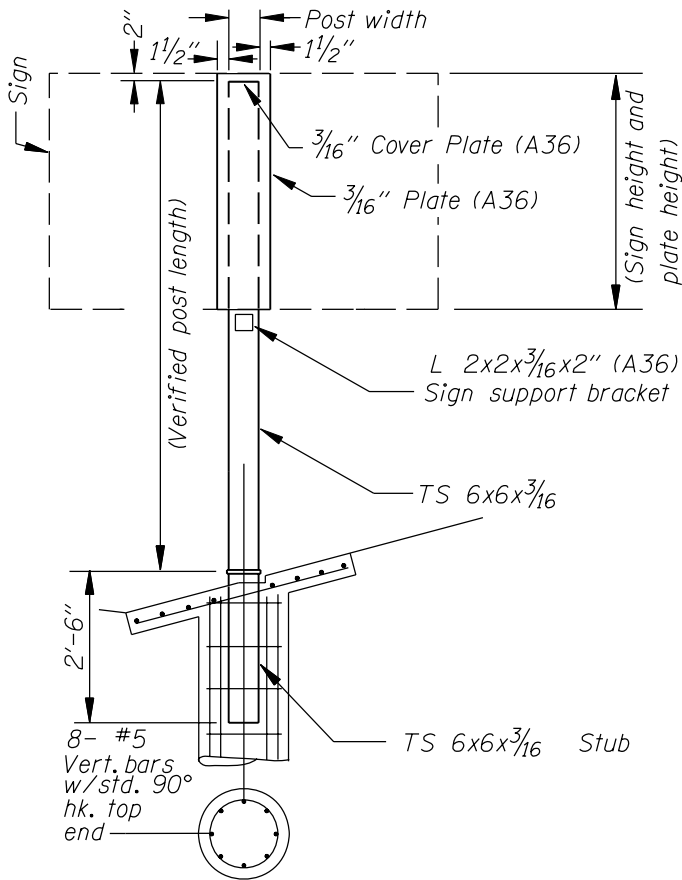
COMMENTS:

TS 6x6x³/₁₆
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

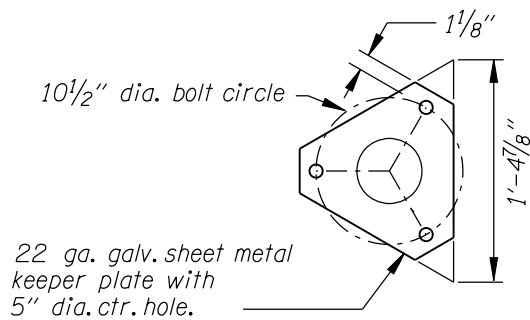
CONTRACT NO.

CUT SLOPE



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

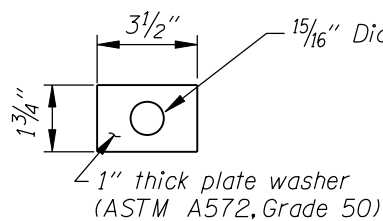
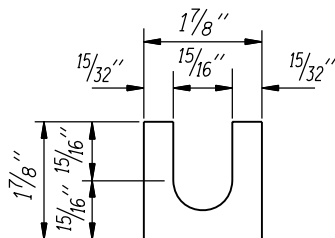


PLATE "H"

No Scale



BRASS SHIM DETAIL

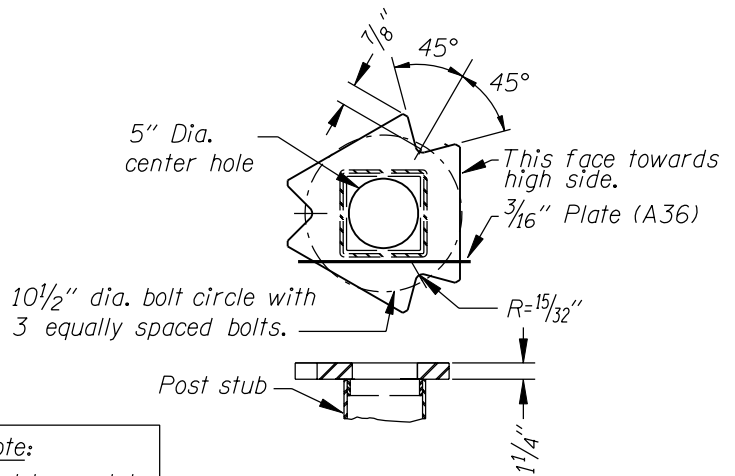
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
6x6x ³ / ₁₆ Post	1
x9"x ³ / ₁₆ " Plate (A36)	1
2'-6" 6x6x ³ / 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
5 3/4"x5 3/4"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

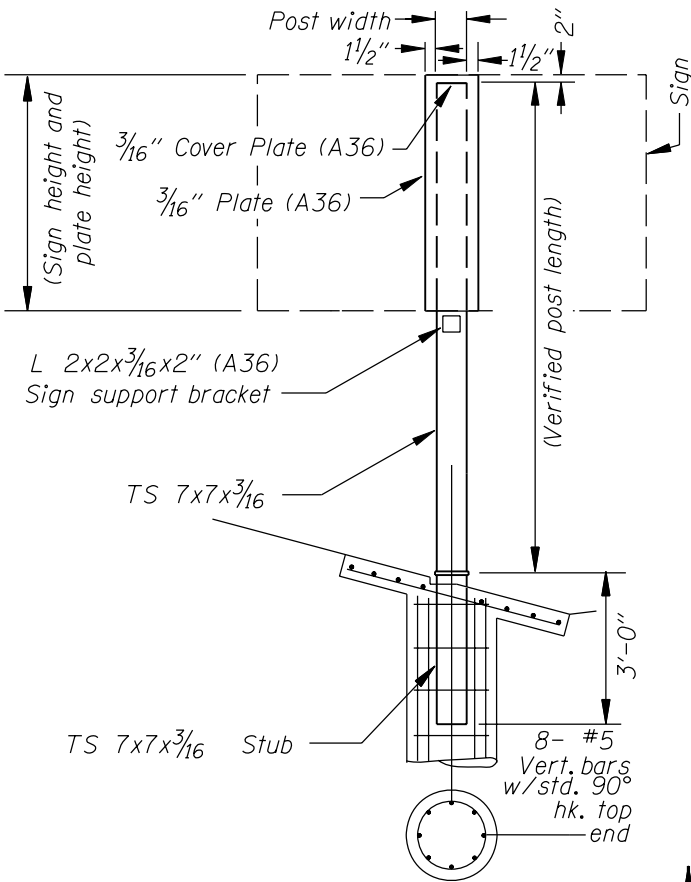


DATE: _____

NAME: _____

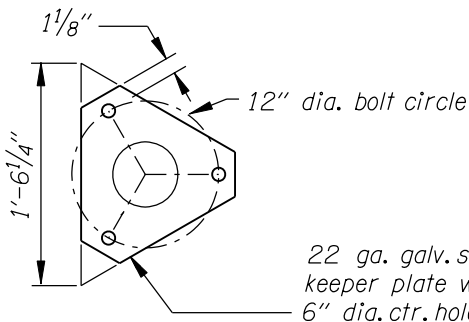
COMMENTS:

FILL SLOPE



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

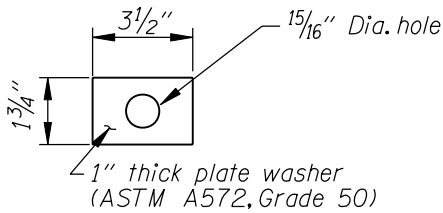
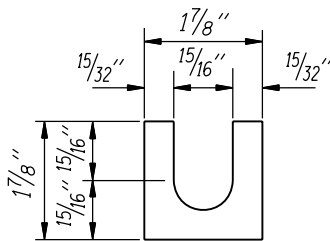


PLATE "H"

No Scale



BRASS SHIM DETAIL

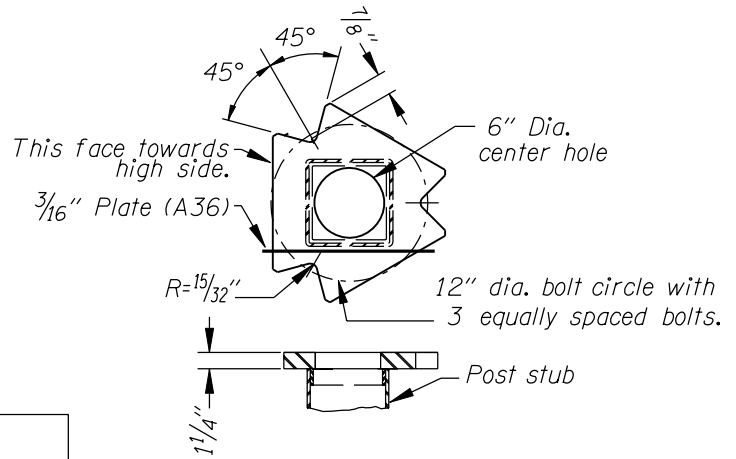
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
7x7x ³ / ₁₆ Post	1
x10"x ³ / ₁₆ " Plate (A36)	1
3'-0" 7x7x ³ / 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"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

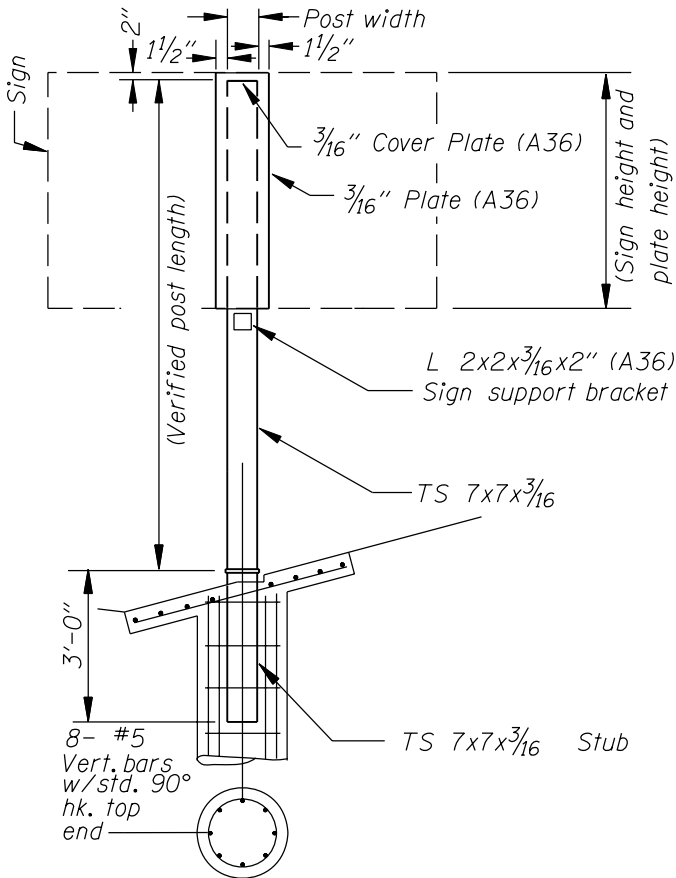
OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

COMMENTS:

CUT SLOPE



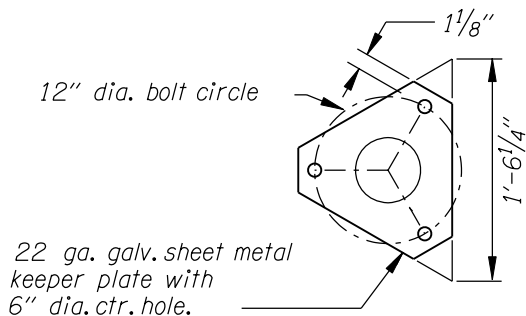
BREAKAWAY SIGN POST

No Scale

MATERIAL DESCRIPTION	QUANTITY
7x7x ³ / ₁₆ Post	1
x10"x ³ / ₁₆ " Plate (A36)	1
3'-0" 7x7x ³ / 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"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

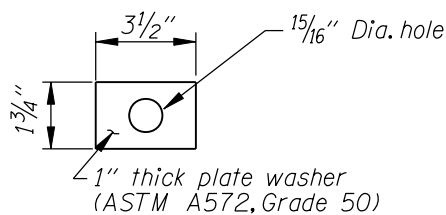
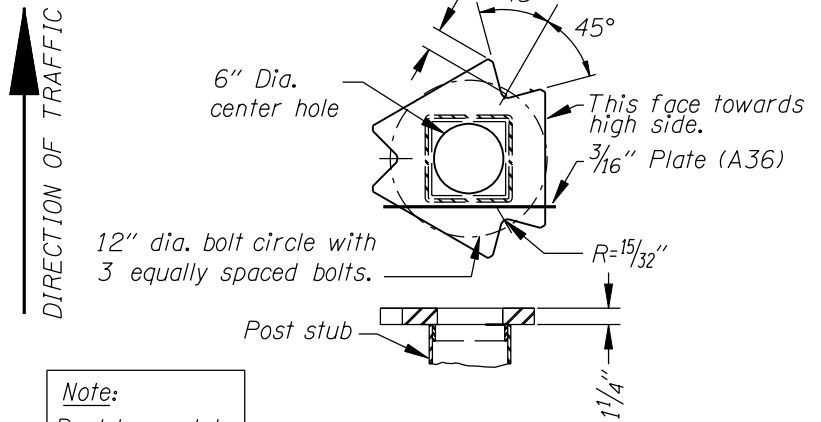


PLATE "H"

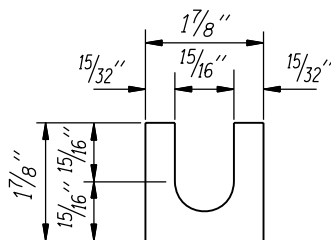
No Scale



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.

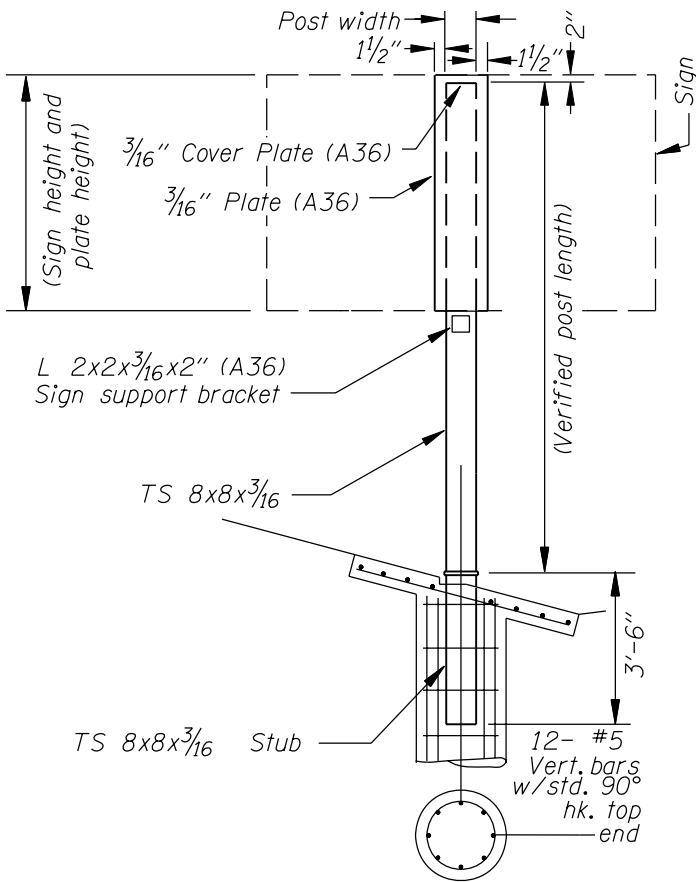
 OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

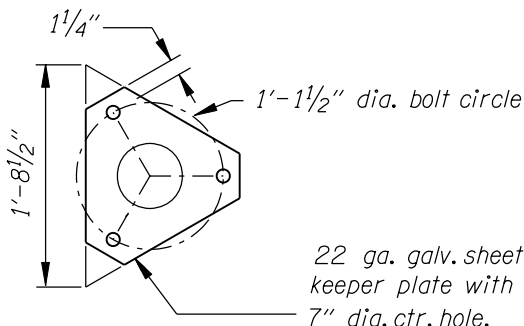
COMMENTS:

FILL SLOPE



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

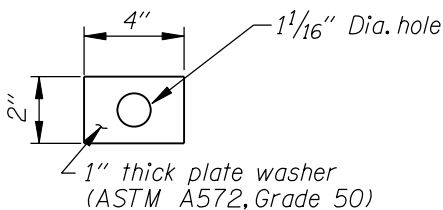
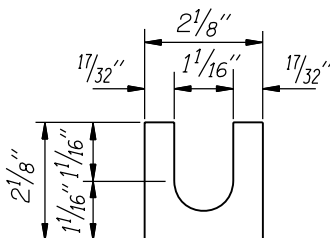


PLATE "H"

No Scale



BRASS SHIM DETAIL

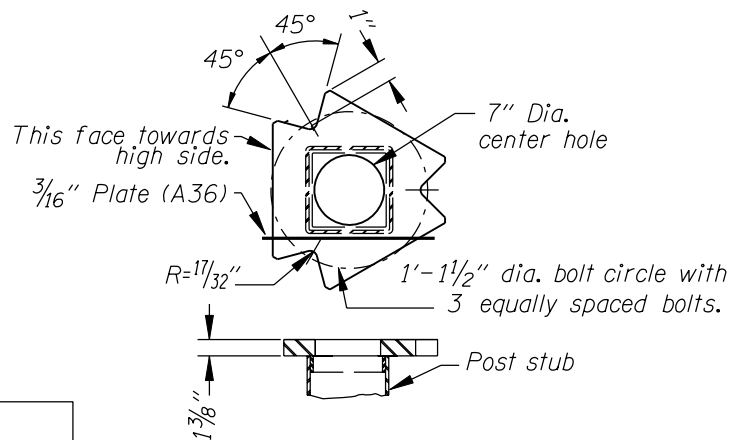
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
8x8x ³ / ₁₆ Post	1
x11"x ³ / ₁₆ " Plate (A36)	1
3'-6" 8x8x ³ / ₁₆ Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 1"x6 ³ / ₄ " Base plate bolt with nut and (3) hardened washers.	3
7 ³ / ₄ "x7 ³ / 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



DATE: _____

NAME: _____

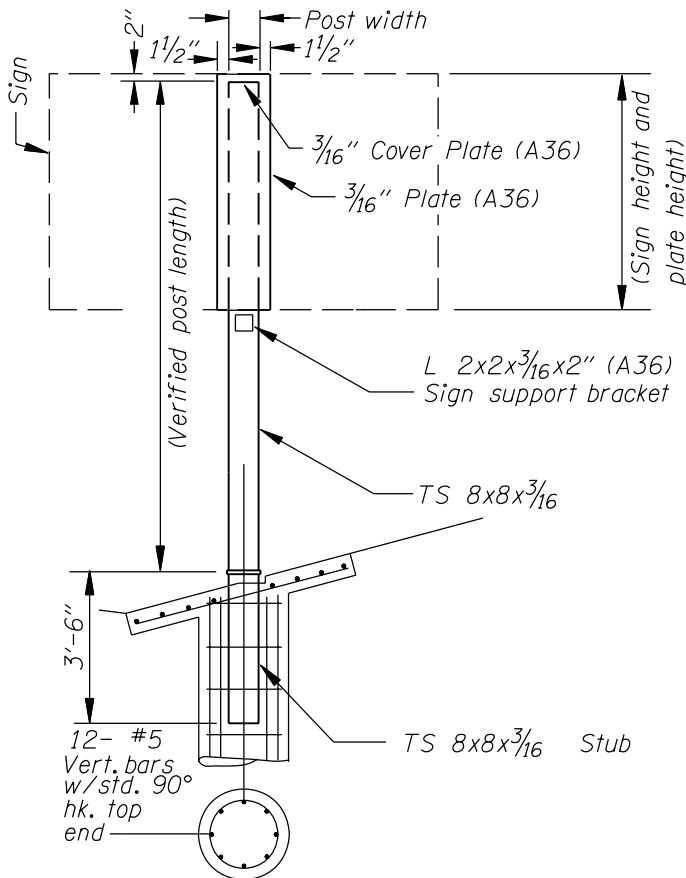
COMMENTS:

TS 8x8x³/₁₆
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

CONTRACT NO.

CUT SLOPE



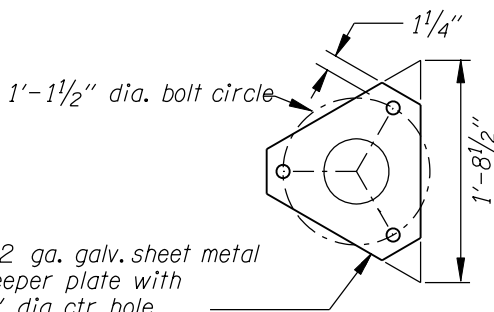
MATERIAL DESCRIPTION	QUANTITY
8x8x ³ / ₁₆ Post	1
x11"x ³ / ₁₆ " Plate (A36)	1
3'-6" 8x8x ³ / ₁₆ Stub	1
22 ga. Keeper plate	1
Plate washer "H"	6
A325 1"x6 ³ / ₄ " Base plate bolt with nut and (3) hardened washers.	3
7 ³ / ₄ "x7 ³ / ₄ "x ³ / ₁₆ " Cover plate	1
Sign support bracket	1
Base/stub plate	2
Brass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

BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

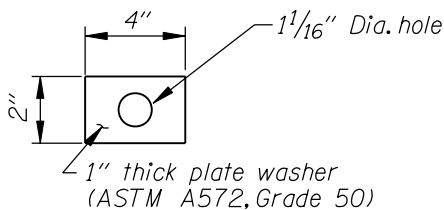
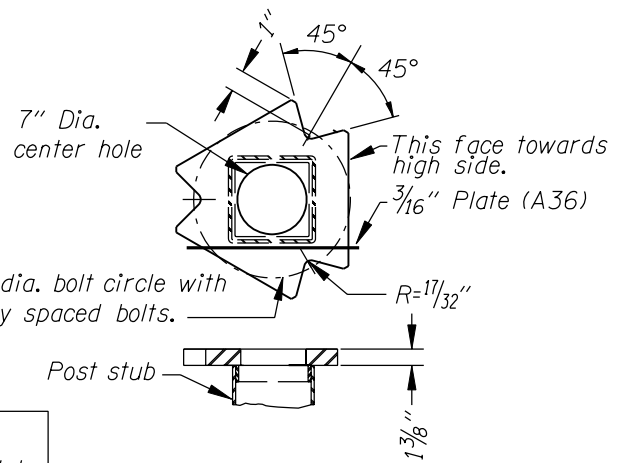


PLATE "H"

No Scale

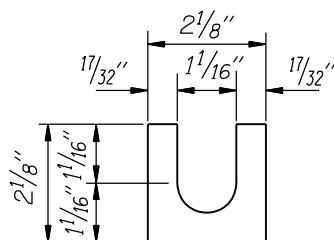
DIRECTION OF TRAFFIC



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.

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

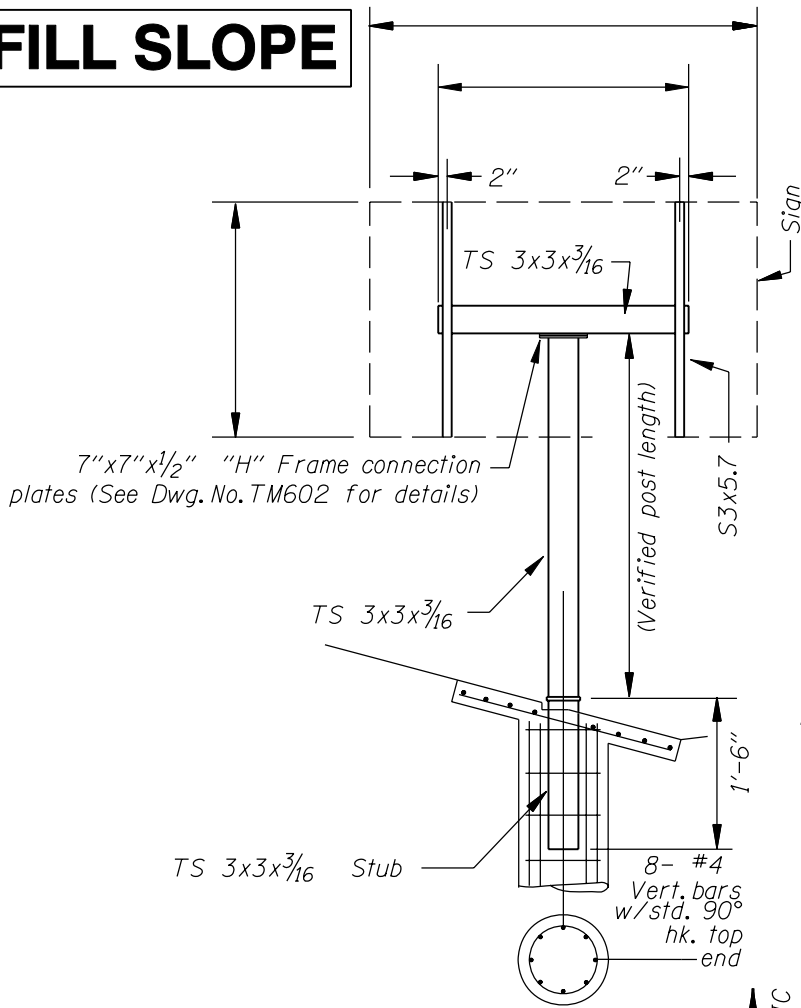
COMMENTS:

TS 3x3x³/₁₆ ("H")
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

CONTRACT NO.

FILL SLOPE



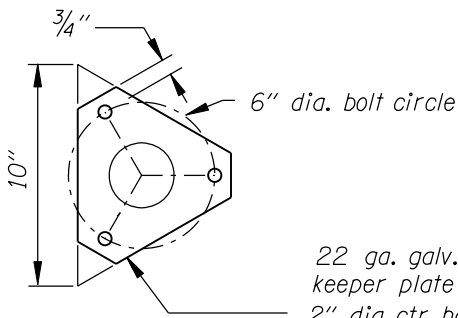
MATERIAL DESCRIPTION	QUANTITY
3x3x ³ / ₁₆ Post	1
3x3x ³ / ₁₆ Horiz. Arm	1
1'-6" 3x3x ³ / ₁₆ Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 1/2"x4 ³ / ₄ " Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
7"x7"x1/2" "H" Frame plates	2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

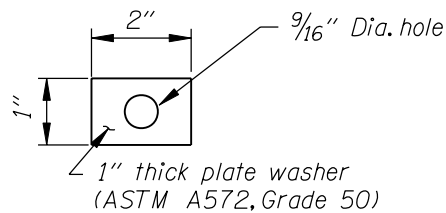
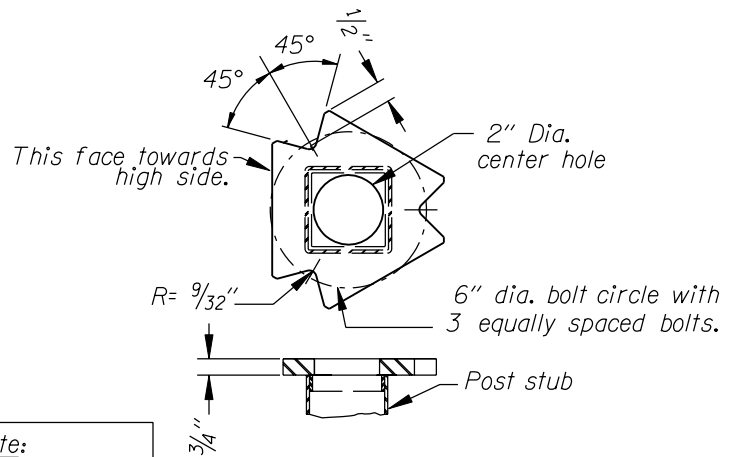


PLATE "H"

No Scale

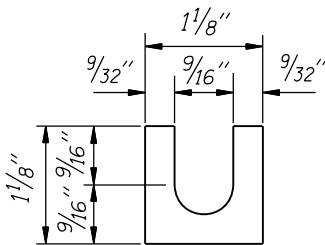
DIRECTION OF TRAFFIC



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.

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

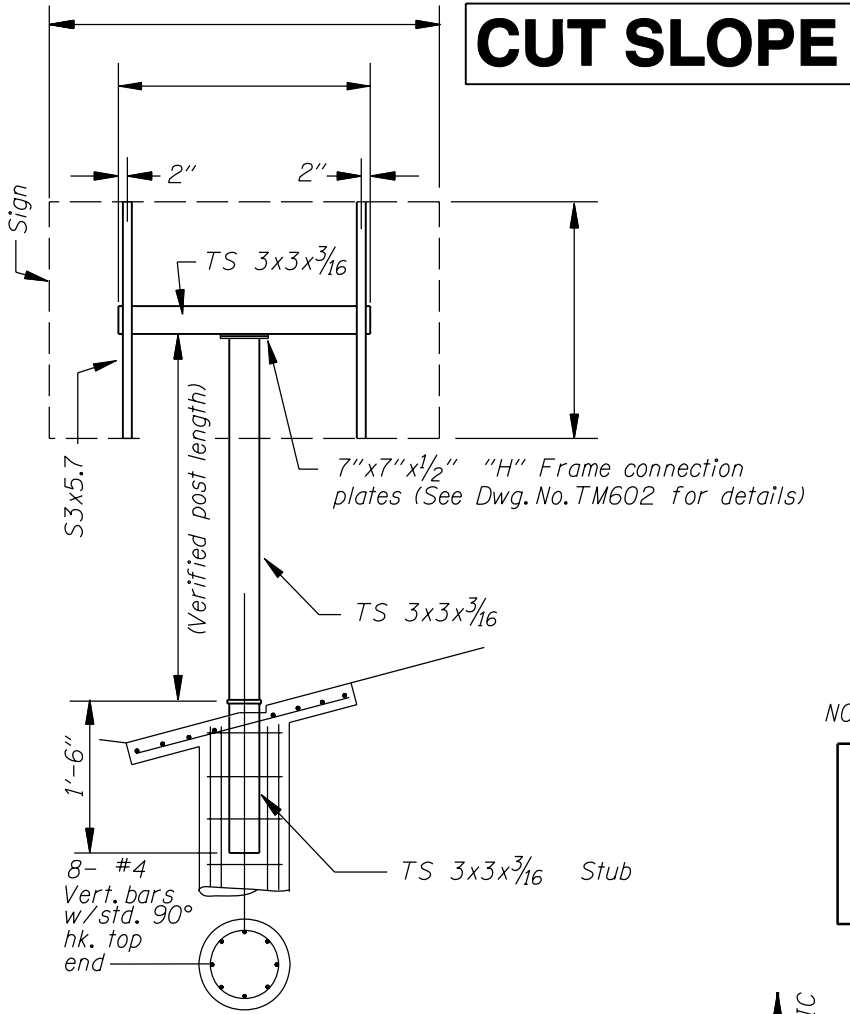
NAME: _____

COMMENTS:

TS 3x3x³/₁₆ ("H")
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

CONTRACT NO.



CUT SLOPE

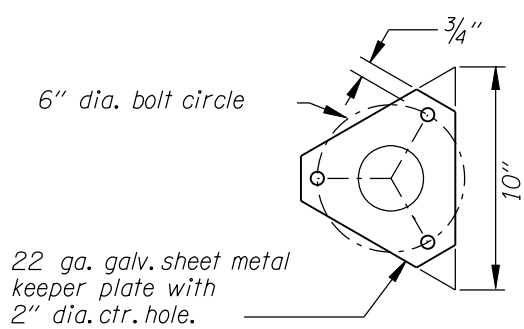
MATERIAL DESCRIPTION	QUANTITY
3x3x ³ / ₁₆ Post	1
3x3x ³ / ₁₆ Horiz. Arm	1
1'-6" 3x3x ³ / ₁₆ Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 1/2"x4 ³ / ₄ " Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
7"x7"x1/2" "H" Frame plates	2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

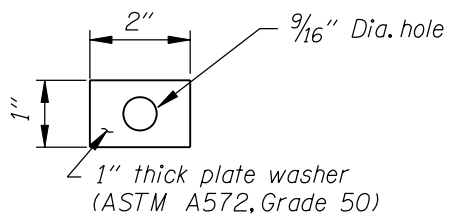
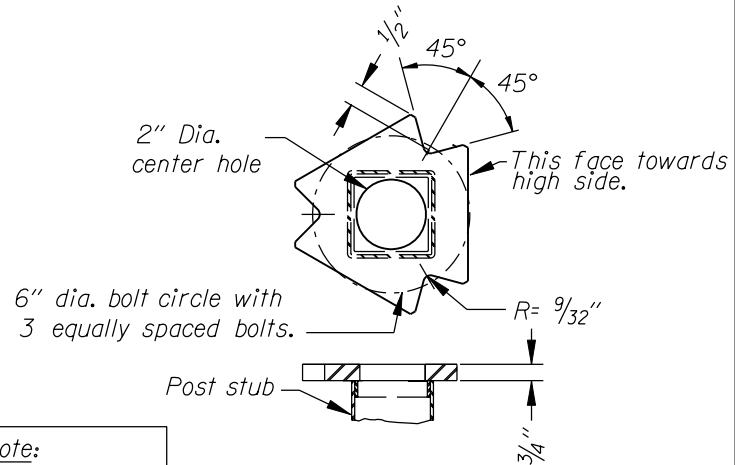


PLATE "H"

No Scale

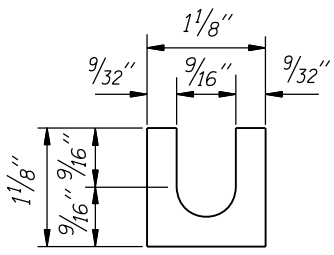
DIRECTION OF TRAFFIC



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.

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

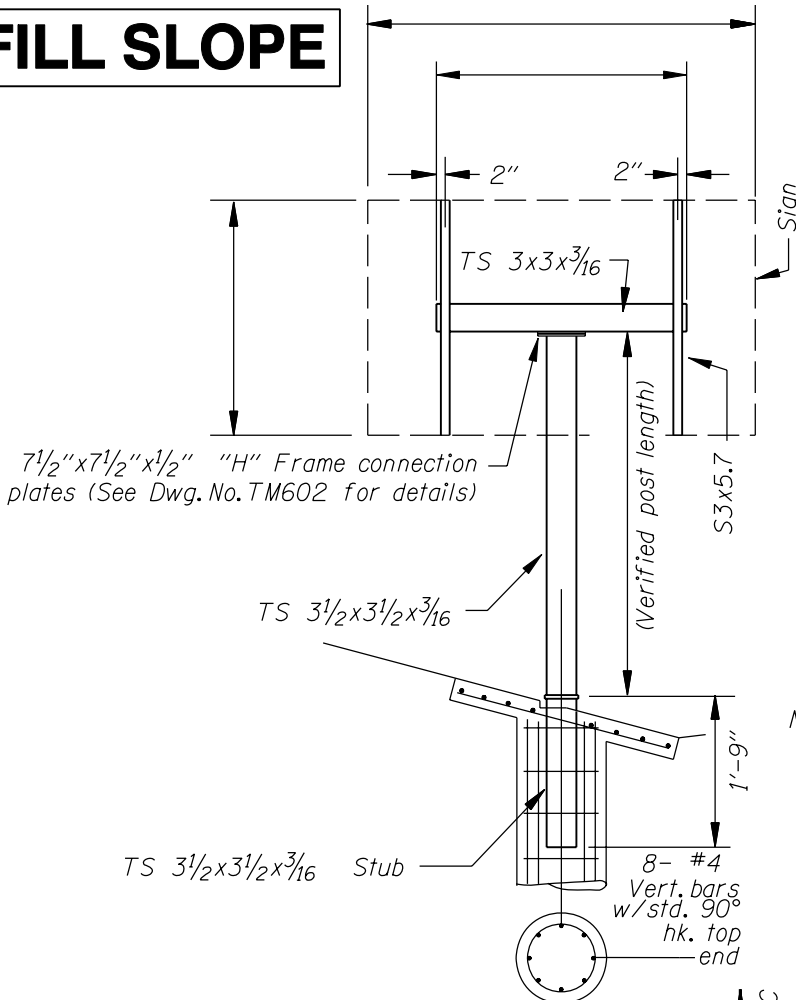
DATE: _____
 NAME: _____
 COMMENTS:

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

JOB:
 SIGN NUMBER:

CONTRACT NO.

FILL SLOPE



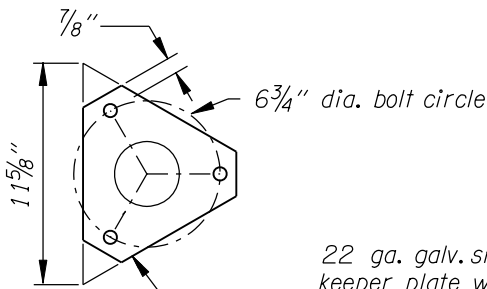
MATERIAL DESCRIPTION	QUANTITY
3 1/2 x 3 1/2 x 3/16 Post	1
3 x 3 x 3/16 Horiz. Arm	1
1'-9" 3 1/2 x 3 1/2 x 3/16 Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 5/8"x5" Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
7 1/2"x7 1/2"x1/2"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

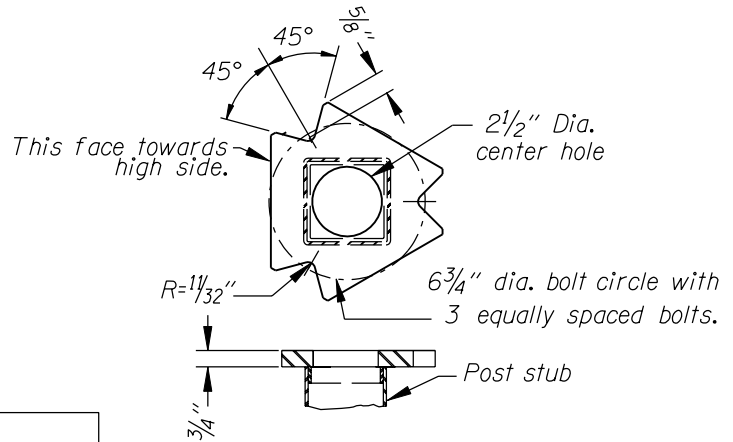
No Scale



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

KEEPER
No Scale

Note:
 Post base plate details similar.



POST STUB DETAILS

No Scale

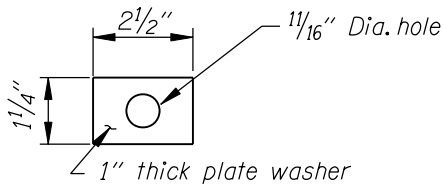
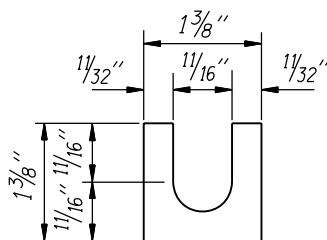


PLATE "H"

No Scale



BRASS SHIM DETAIL

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

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

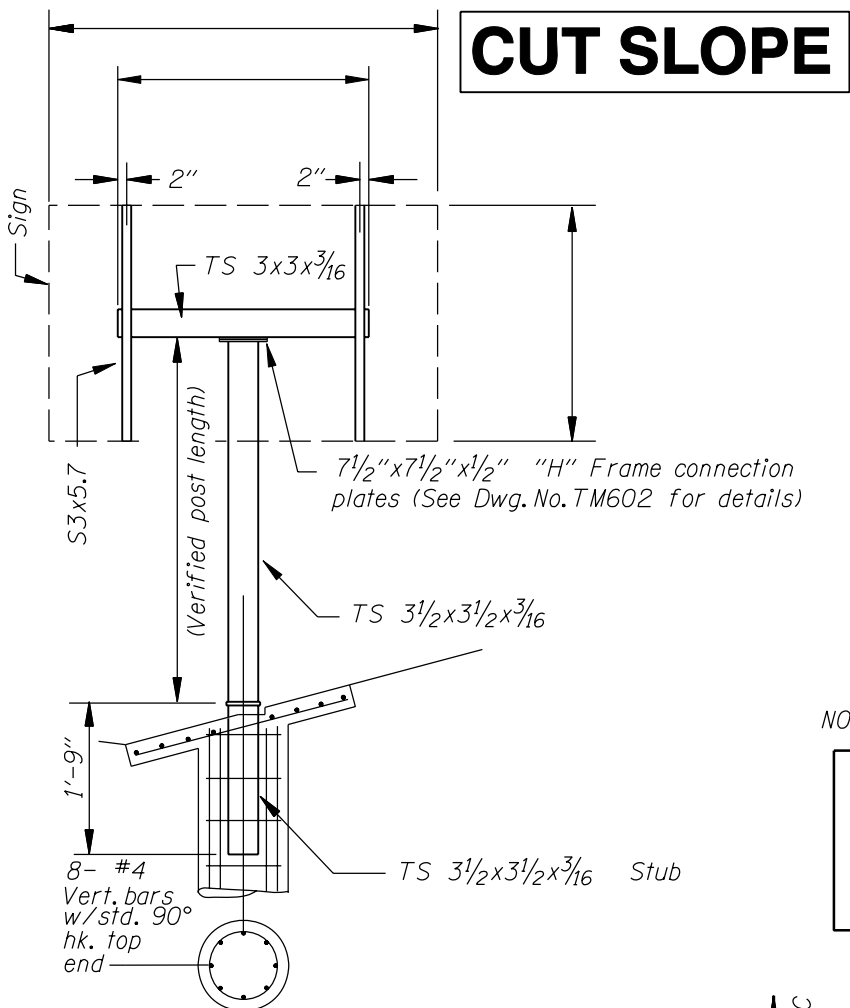
NAME: _____

COMMENTS:

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

JOB:
 SIGN NUMBER:

CONTRACT NO.



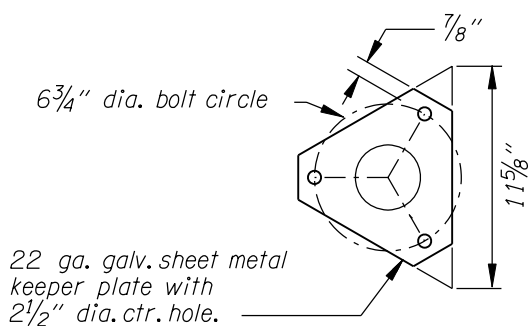
MATERIAL DESCRIPTION	QUANTITY
3 1/2 x 3 1/2 x 3/16 Post	1
3 x 3 x 3/16 Horiz. Arm	1
1'-9" 3 1/2 x 3 1/2 x 3/16 Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 5/8" x 5" Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
7 1/2" x 7 1/2"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

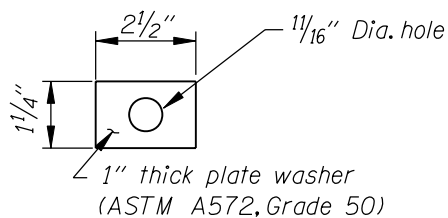
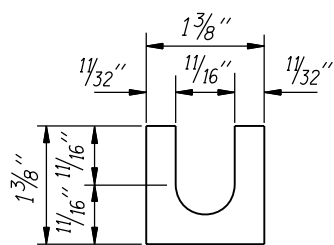


PLATE "H"

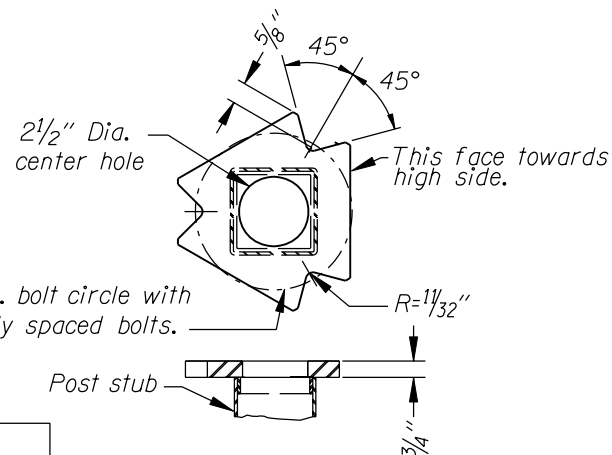
No Scale



BRASS SHIM DETAIL

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

DIRECTION OF TRAFFIC



POST STUB DETAILS

No Scale

Note:
 Post base plate details similar.

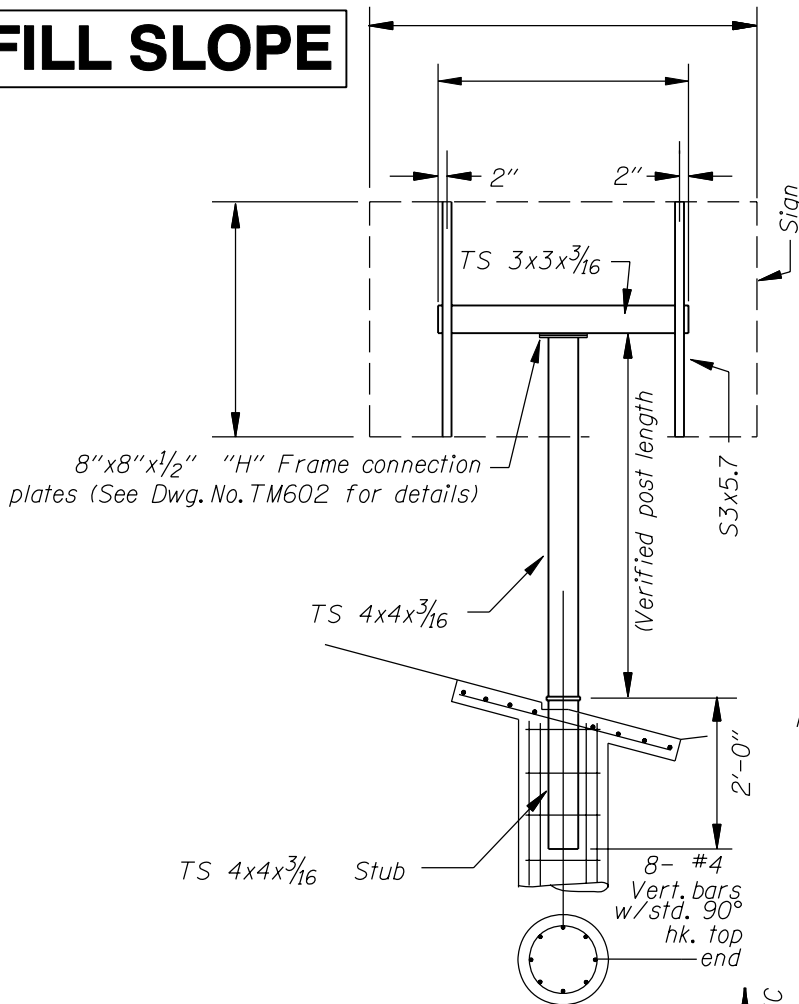
OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

COMMENTS:

FILL SLOPE



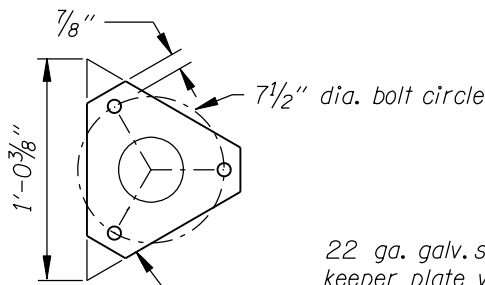
BREAKAWAY SIGN POST

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 ³ / ₁₆ Post	1
3x3x ³ / ₁₆ Horiz. Arm	1
2'-0" 4x4x ³ / ₁₆ Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 ⁵ / ₈ "x ¹ / ₂ " 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 ¹ / ₂ " "H" Frame plates	2
⁵ / ₈ "x2" "H" Frame bolt w/ nut and washer.	4



22 ga. galv. sheet metal keeper plate with 3" dia. ctr. hole.

KEEPER

No Scale

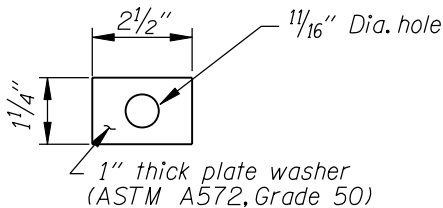
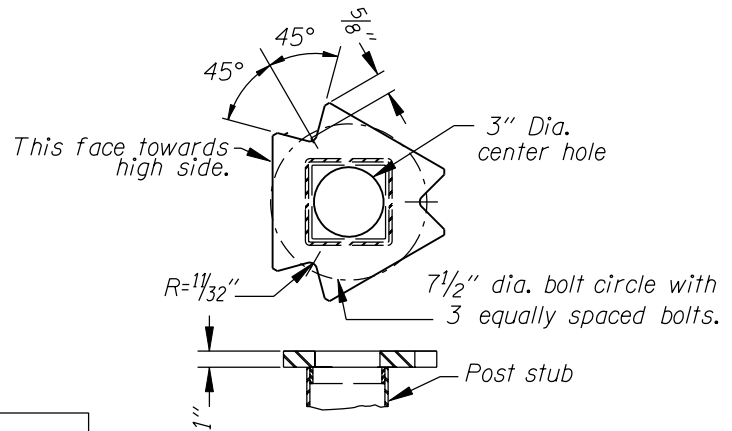


PLATE "H"

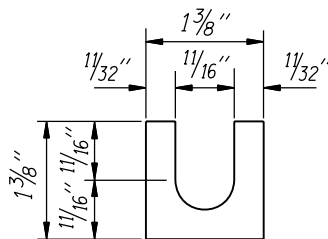
No Scale

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.

DATE: _____

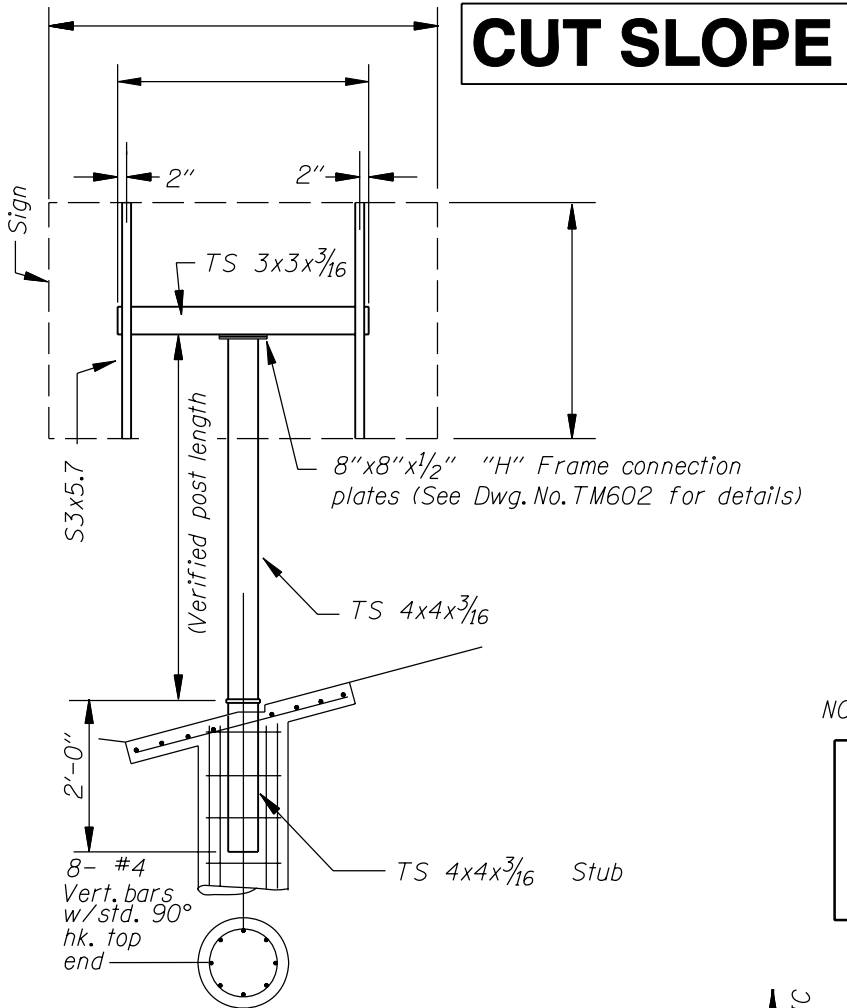
NAME: _____

COMMENTS:

TS 4x4x³/₁₆ ("H")
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

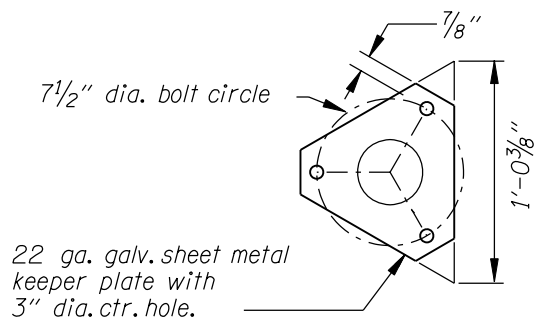
JOB:
 SIGN NUMBER:

CONTRACT NO.



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

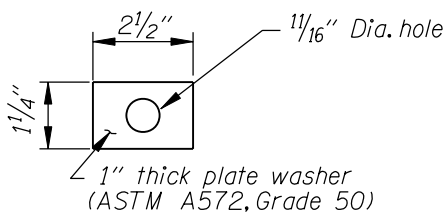
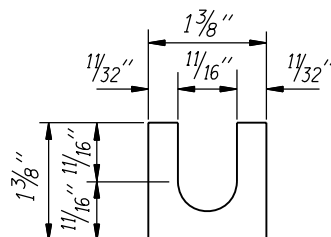


PLATE "H"

No Scale



BRASS SHIM DETAIL

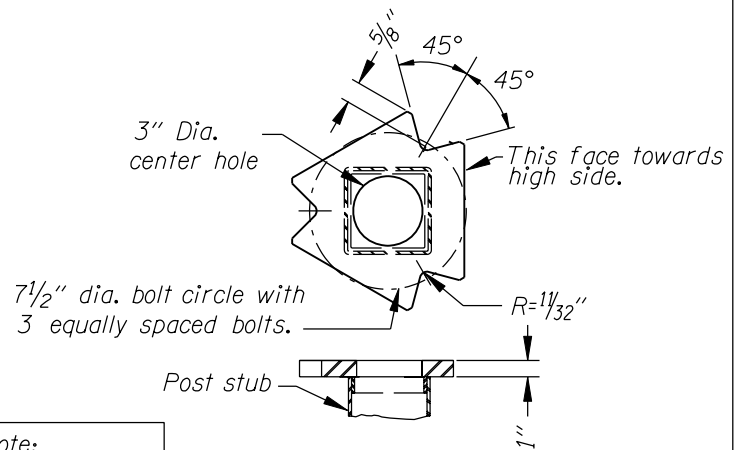
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

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

DIRECTION OF TRAFFIC



POST STUB DETAILS

No Scale

Note:
 Post base plate details similar.

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

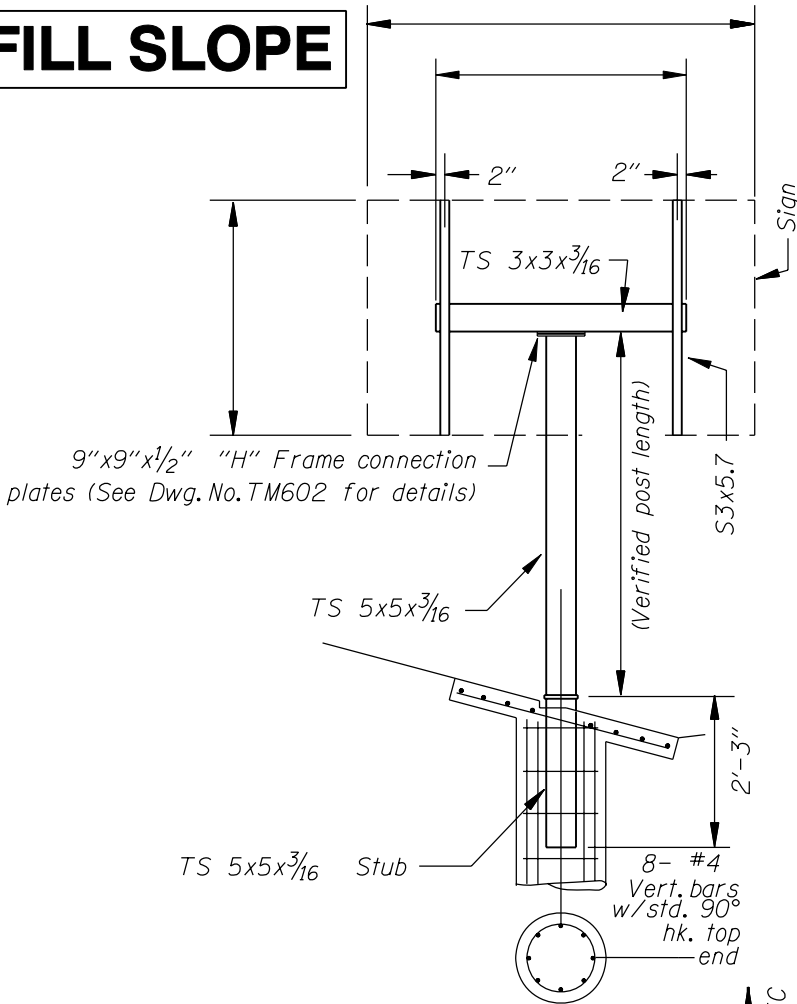
COMMENTS:

TS 5x5x³/₁₆ ("H")
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

CONTRACT NO.

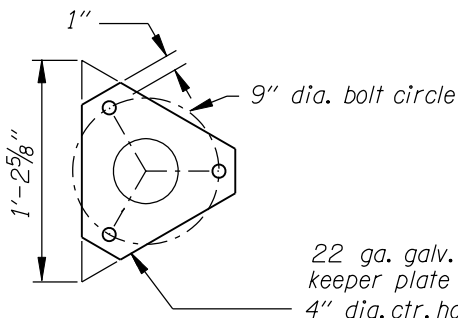
FILL SLOPE



BREAKAWAY SIGN POST

No Scale

DIRECTION OF TRAFFIC



KEEPER

No Scale

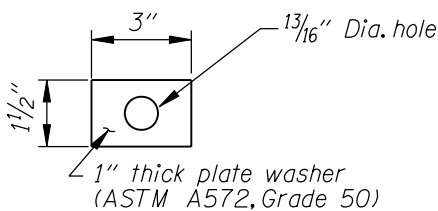
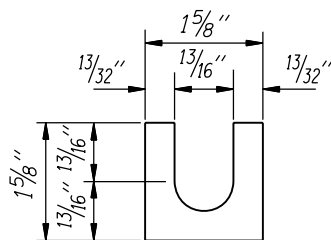


PLATE "H"

No Scale



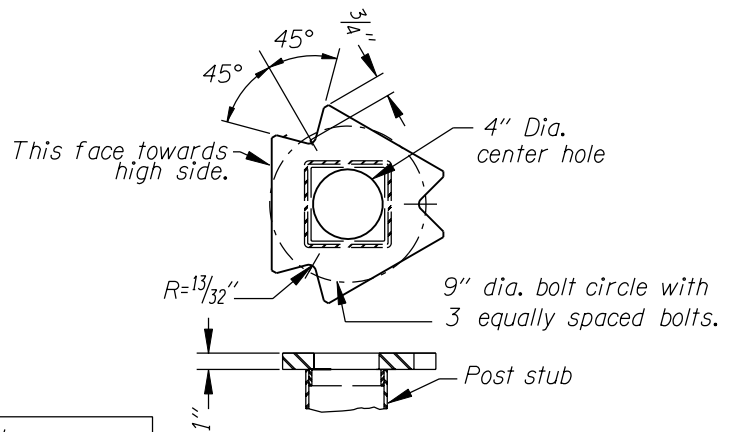
BRASS SHIM DETAIL

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

MATERIAL DESCRIPTION	QUANTITY
5x5x ³ / ₁₆ Post	1
3x3x ³ / ₁₆ Horiz. Arm	1
2'-3" 5x5x ³ / ₁₆ Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 ³ / ₄ "x5 ¹ / ₂ " 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 ¹ / 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.



POST STUB DETAILS

No Scale

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

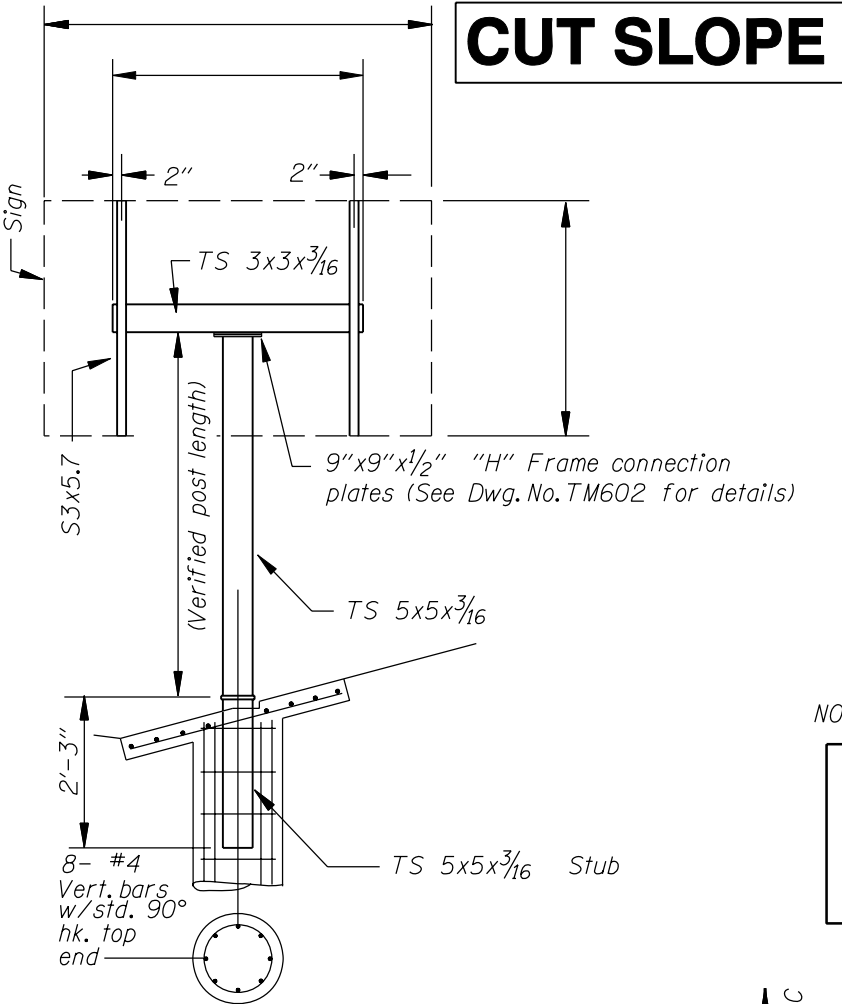
NAME: _____

COMMENTS:

TS 5x5x³/₁₆ ("H")
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

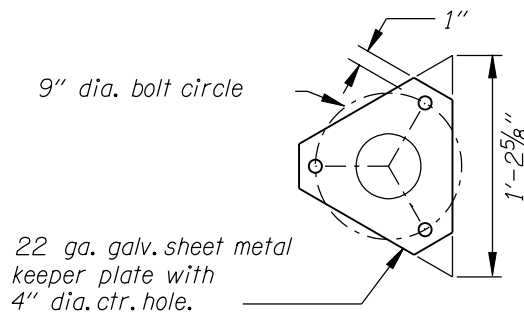
JOB:
 SIGN NUMBER:

CONTRACT NO.



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

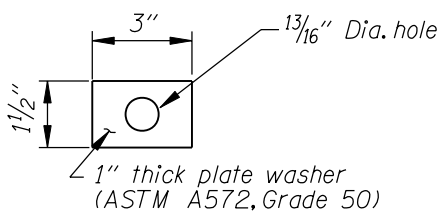
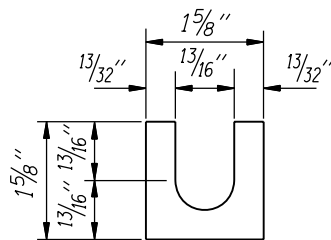


PLATE "H"

No Scale



BRASS SHIM DETAIL

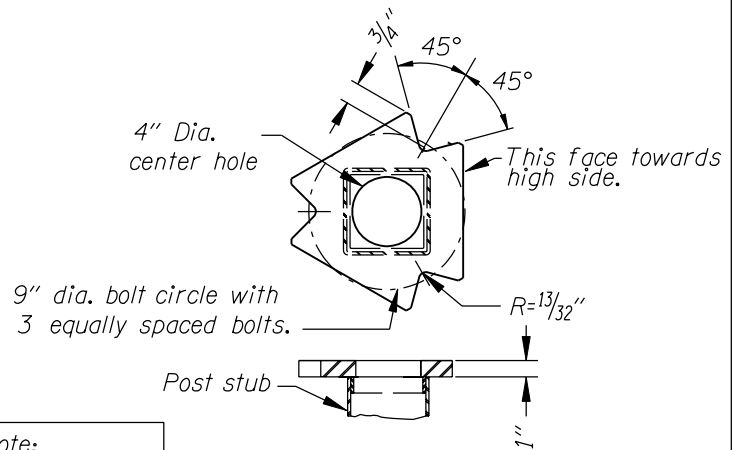
Provide 2 @ 0.012" thick and 2 @ 0.032" thick at each bolt.

MATERIAL DESCRIPTION	QUANTITY
5x5x ³ / ₁₆ Post	1
3x3x ³ / ₁₆ Horiz. Arm	1
2'-3" 5x5x ³ / ₁₆ Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 ³ / ₄ "x5 ¹ / ₂ " 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 ¹ / 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.

DIRECTION OF TRAFFIC



POST STUB DETAILS

No Scale

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

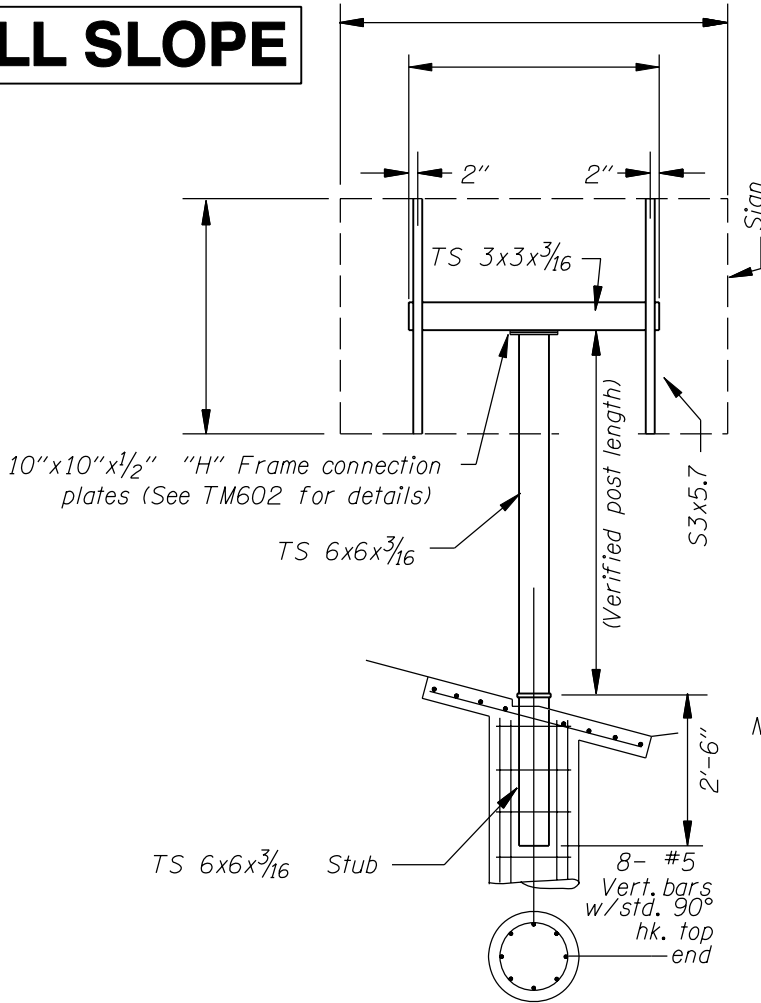
COMMENTS:

TS 6x6x³/₁₆ ("H")
TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

CONTRACT NO.

FILL SLOPE



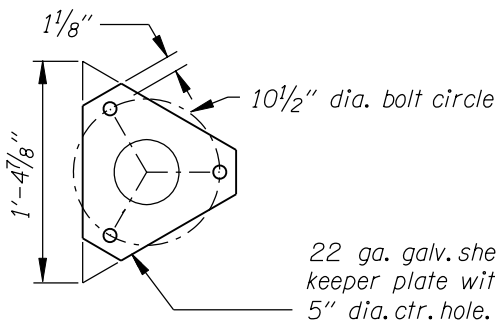
MATERIAL DESCRIPTION	QUANTITY
6x6x ³ / ₁₆ Post	1
3x3x ³ / ₁₆ Horiz. Arm	1
2'-6" 6x6x ³ / ₁₆ Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 7/8" x 6 1/4" Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
10" x 10" x 1/2" "H" Frame plates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

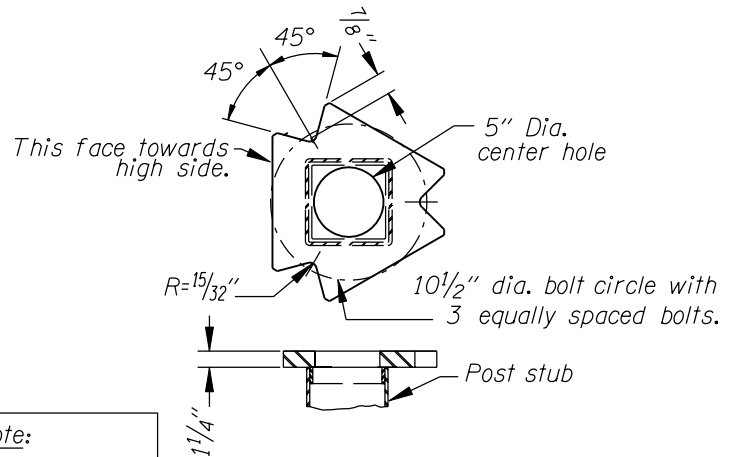


KEEPER

No Scale

22 ga. galv. sheet metal keeper plate with 5" dia. ctr. hole.

DIRECTION OF TRAFFIC



POST STUB DETAILS

No Scale

Note: Post base plate details similar.

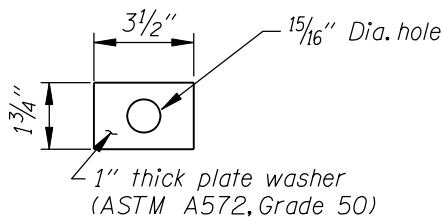
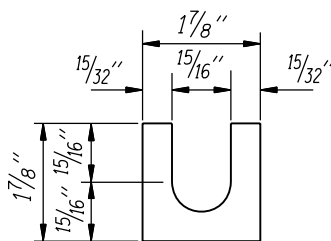


PLATE "H"

No Scale



BRASS SHIM DETAIL

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

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

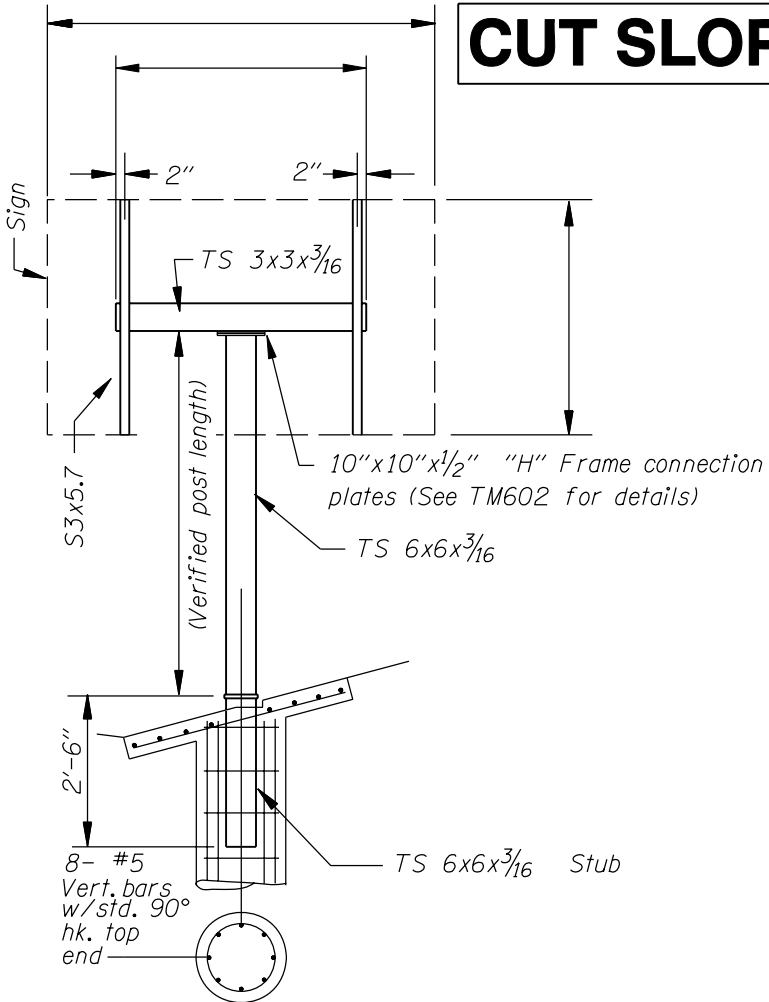
COMMENTS:

TS 6x6x³/₁₆ ("H")
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

CONTRACT NO.

CUT SLOPE



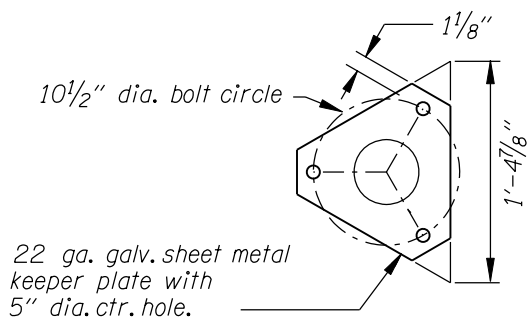
MATERIAL DESCRIPTION	QUANTITY
6x6x ³ / ₁₆ Post	1
3x3x ³ / ₁₆ Horiz. Arm	1
2'-6" 6x6x ³ / ₁₆ Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 ⁷ / ₈ "x ⁶ / ₄ " Base plate bolt with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
10"x10"x ¹ / ₂ " "H" Frame plates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

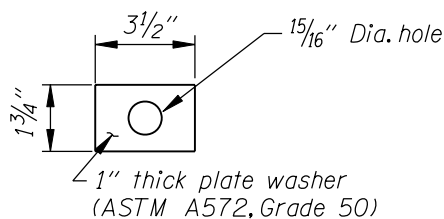
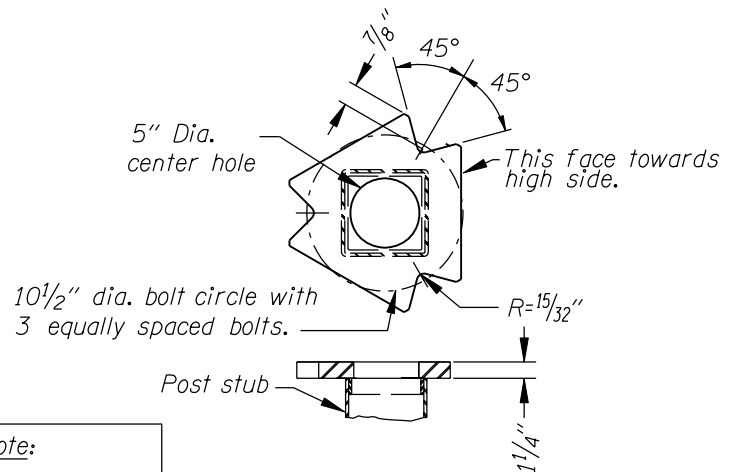


PLATE "H"

No Scale

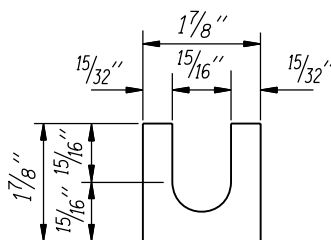
DIRECTION OF TRAFFIC



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.

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

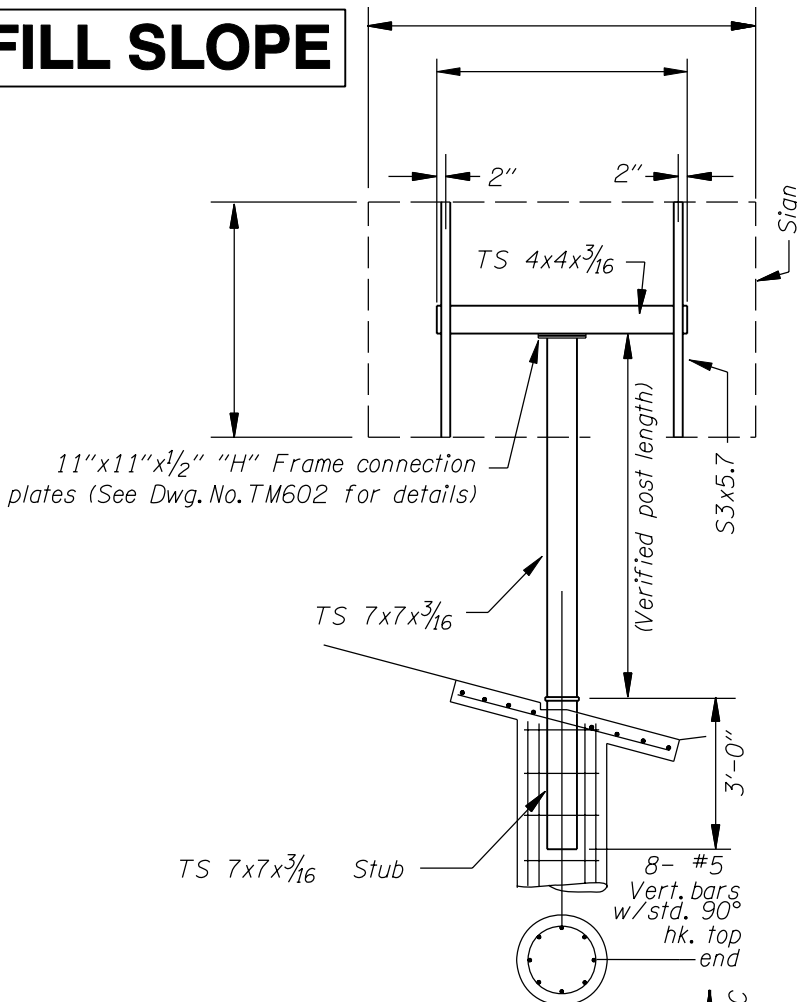
COMMENTS:

TS 7x7x³/₁₆ ("H")
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

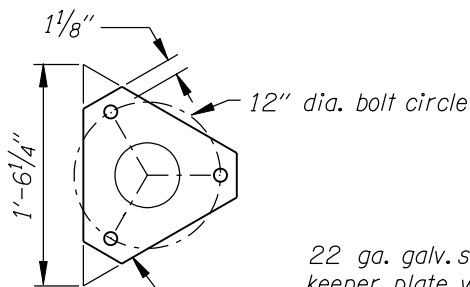
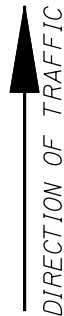
CONTRACT NO.

FILL SLOPE



BREAKAWAY SIGN POST

No Scale



KEEPER

No Scale

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

Note:
 Post base plate
 details similar.

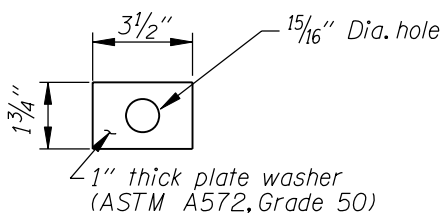
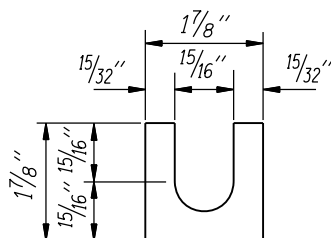


PLATE "H"

No Scale

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



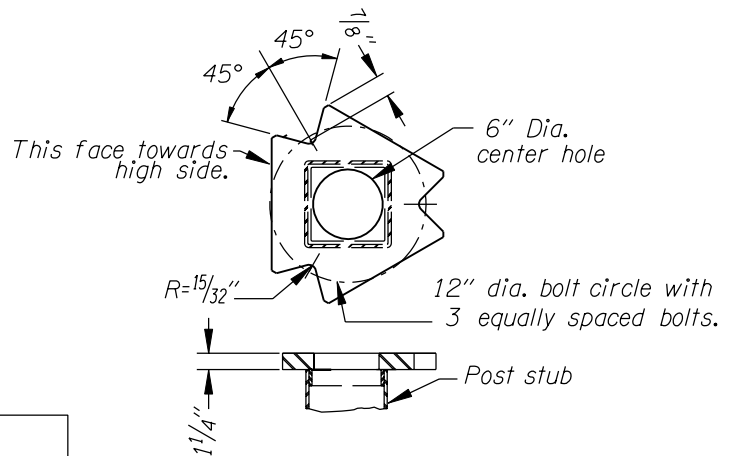
BRASS SHIM DETAIL

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

MATERIAL DESCRIPTION	QUANTITY
7x7x ³ / ₁₆ Post	1
4x4x ³ / ₁₆ Horiz. Arm	1
3'-0" 7x7x ³ / ₁₆ 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.



POST STUB DETAILS

No Scale

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

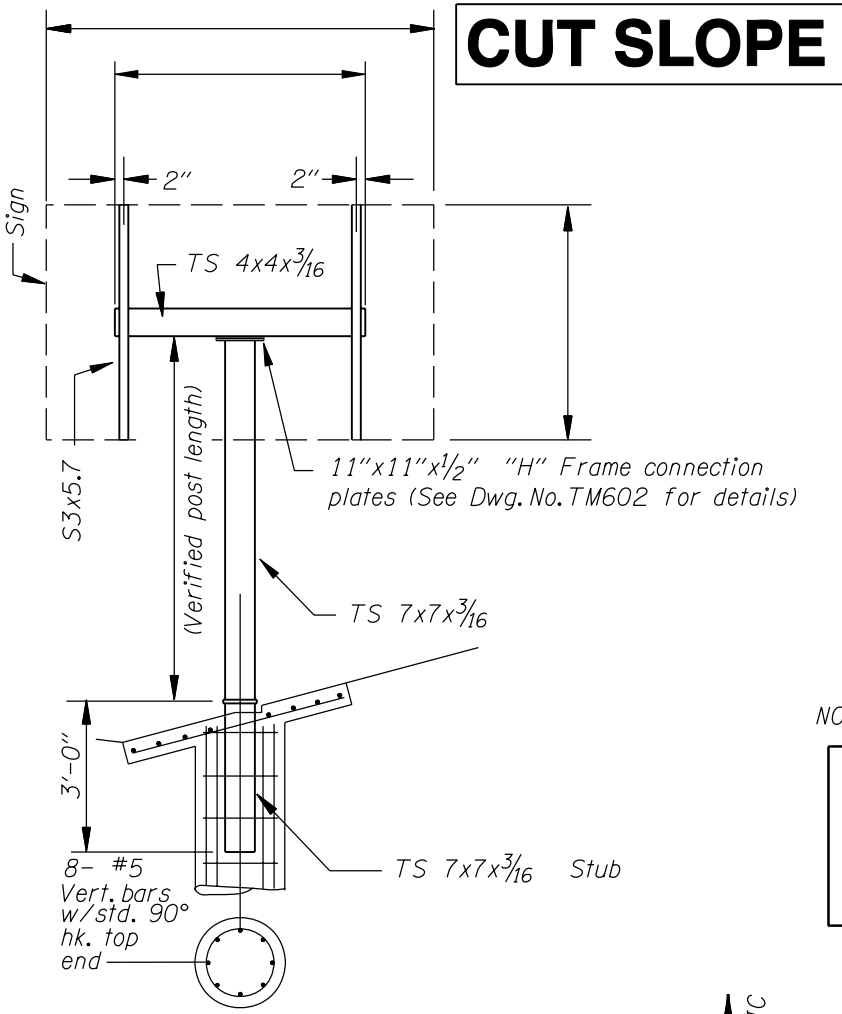
NAME: _____

COMMENTS:

TS 7x7x³/₁₆ ("H")
TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

CONTRACT NO.



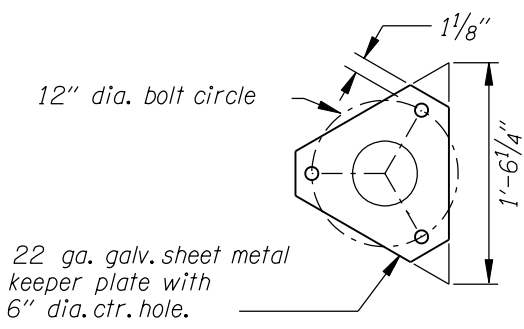
CUT SLOPE

MATERIAL DESCRIPTION	QUANTITY
7x7x ³ / ₁₆ Post	1
4x4x ³ / ₁₆ Horiz. Arm	1
3'-0" 7x7x ³ / ₁₆ 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

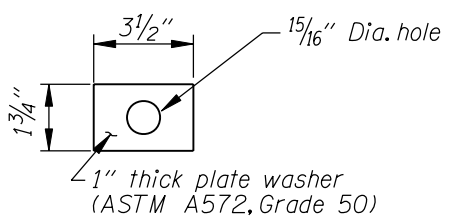
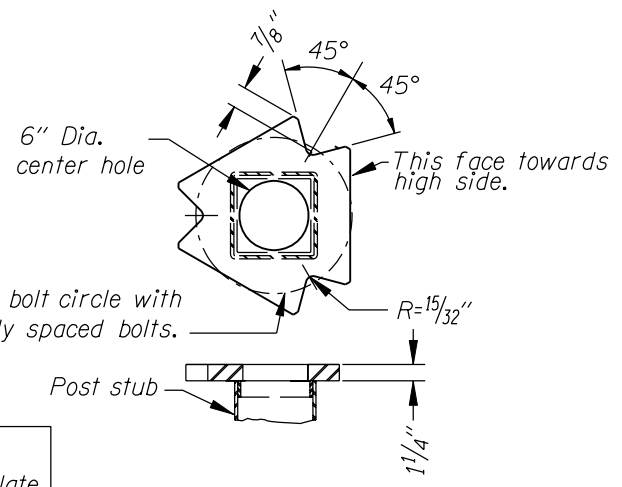


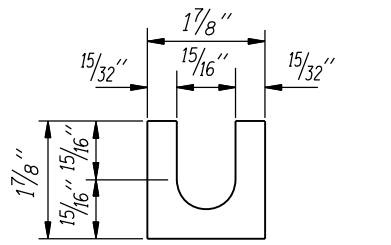
PLATE "H"
 No Scale

DIRECTION OF TRAFFIC



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.

OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

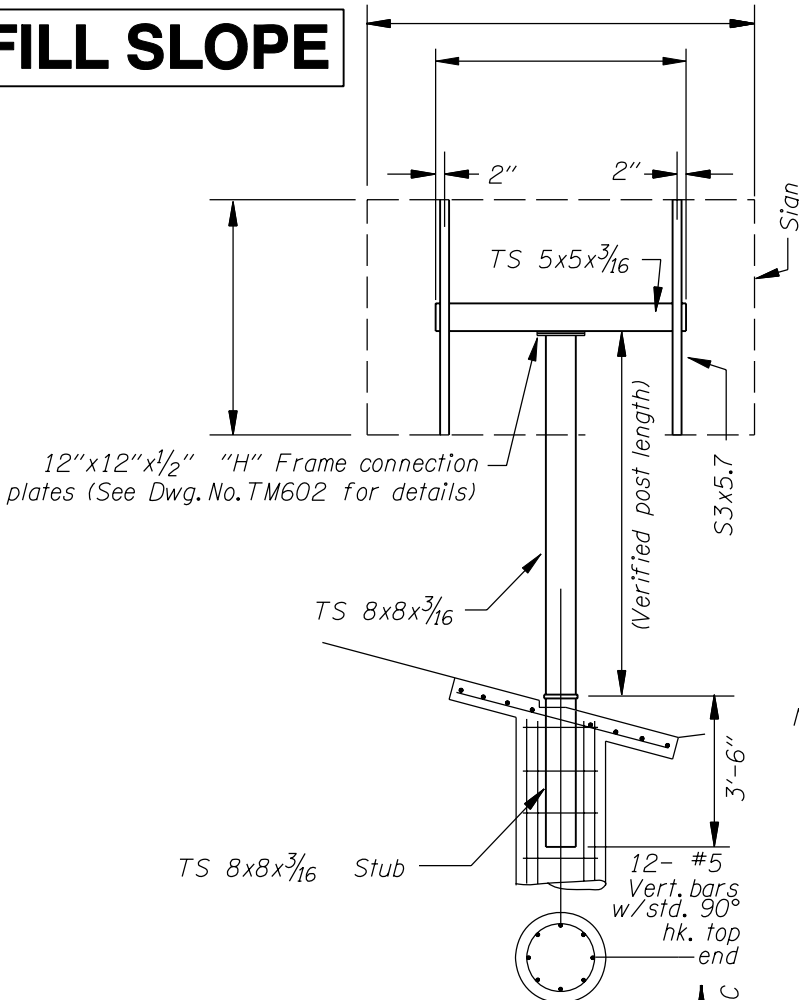
COMMENTS:

TS 8x8x³/₁₆ ("H")
 TRIANGULAR BASE BREAKAWAY SIGN SUPPORT

JOB:
 SIGN NUMBER:

CONTRACT NO.

FILL SLOPE



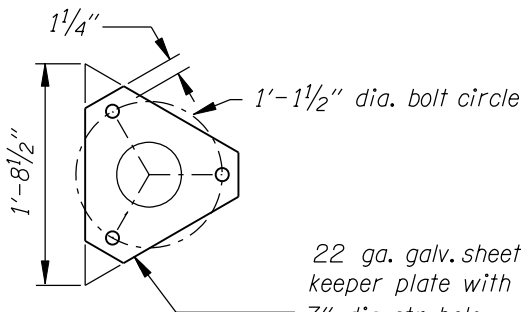
MATERIAL DESCRIPTION	QUANTITY
8x8x ³ / ₁₆ Post	1
5x5x ³ / ₁₆ Horiz. Arm	1
3'-6" 8x8x ³ / ₁₆ Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 1"x6 ³ / ₄ " Base plate bolt with with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
12"x12"x ¹ / ₂ " "H" Frame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



22 ga. galv. sheet metal keeper plate with 7" dia. ctr. hole.

KEEPER

No Scale

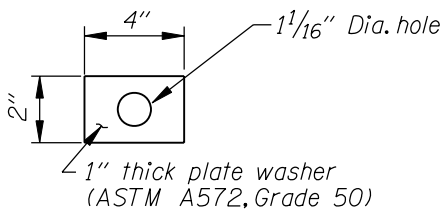
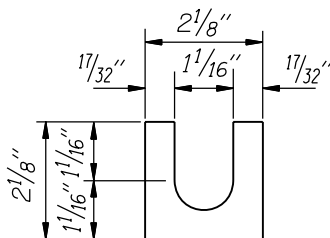


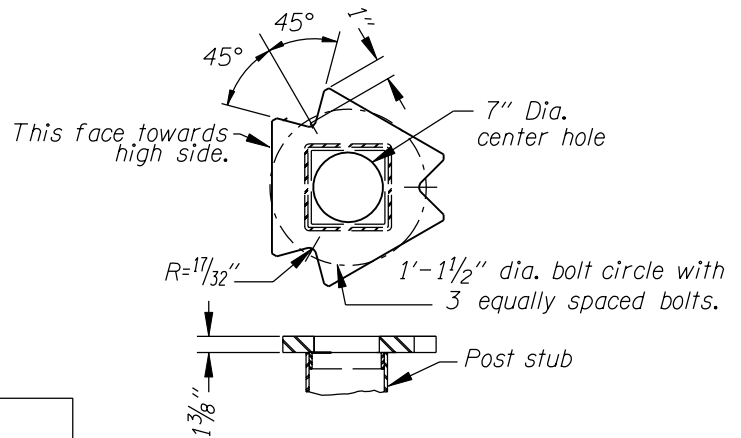
PLATE "H"

No Scale



BRASS SHIM DETAIL

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



POST STUB DETAILS

No Scale

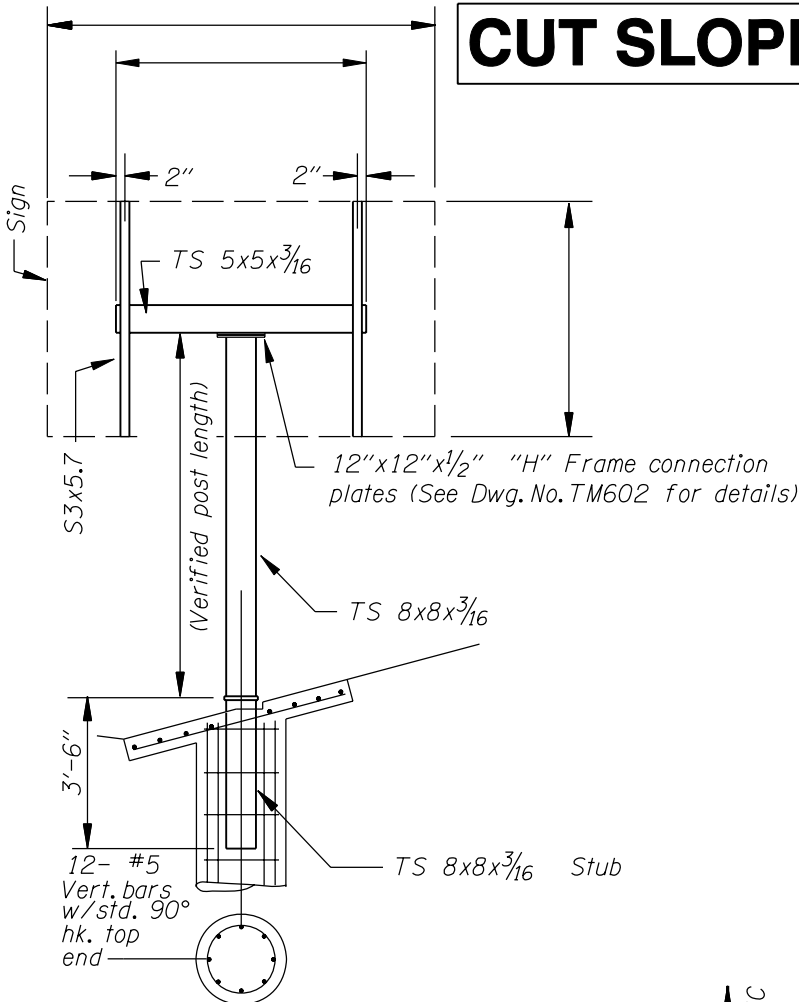
OREGON DEPARTMENT OF TRANSPORTATION
 TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

COMMENTS:

CUT SLOPE



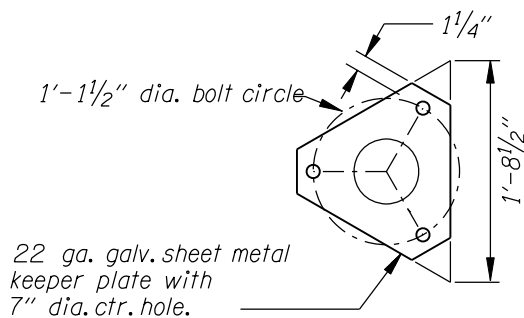
MATERIAL DESCRIPTION	QUANTITY
8x8x ³ / ₁₆ Post	1
5x5x ³ / ₁₆ Horiz. Arm	1
3'-6" 8x8x ³ / ₁₆ Stub	1
S3x5.7 Vertical Supports	2
"H" Plates	6
A325 1"x6 ³ / ₄ " Base plate bolt with with nut and (3) hardened washers.	3
22 ga. Keeper plate	1
Post/stub base plate	2
Brass shims	4
12"x12"x ¹ / ₂ " "H" Frame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

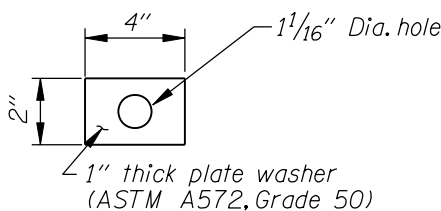
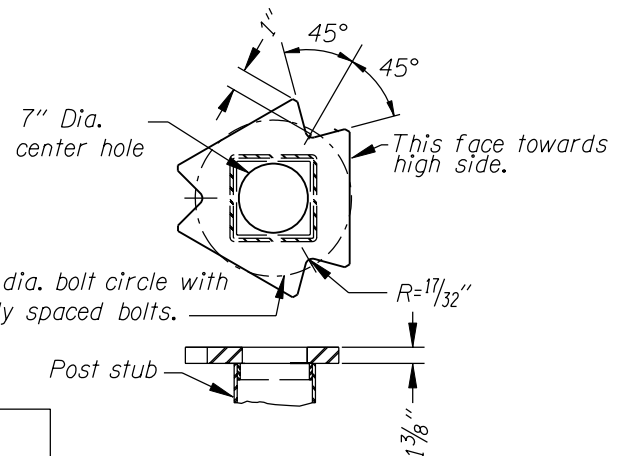


PLATE "H"

No Scale

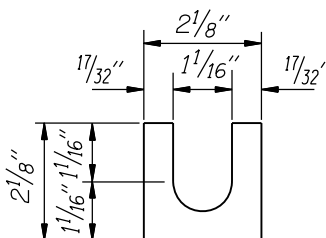
DIRECTION OF TRAFFIC



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.



DATE: _____

NAME: _____

COMMENTS:

W6x9

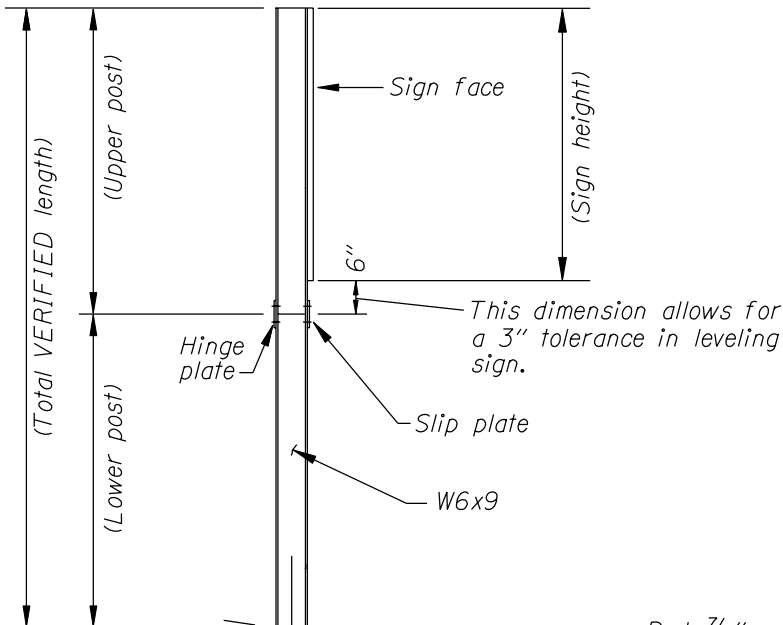
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

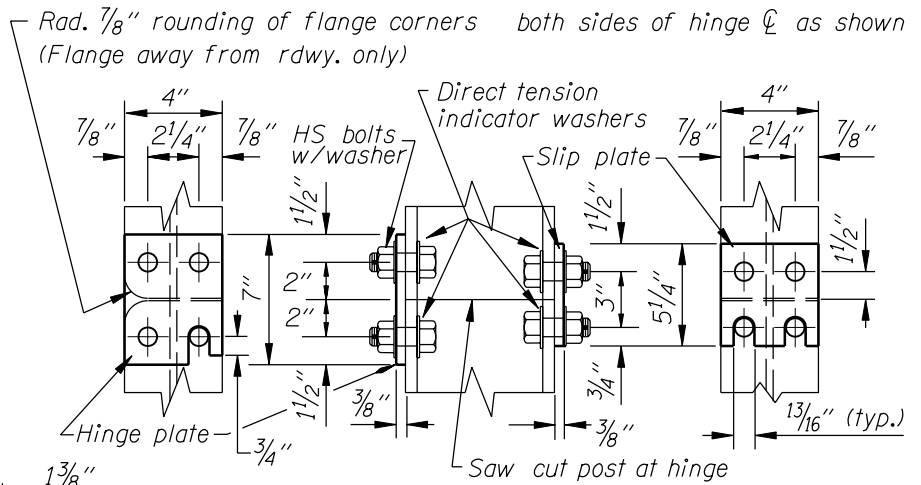
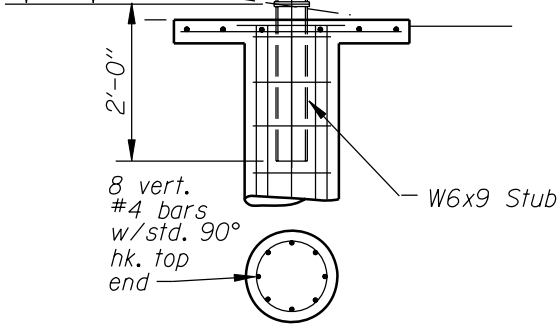
CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)



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



BREAKAWAY SIGN POST

No Scale

POST HINGE DETAILS

No Scale

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

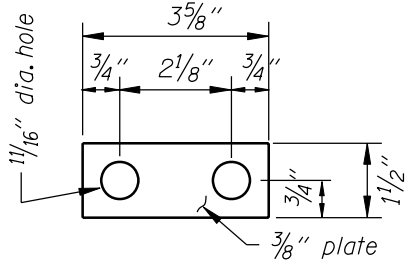
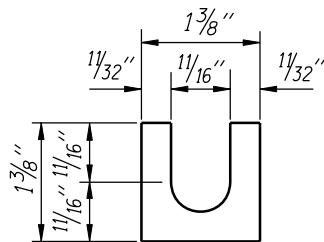


PLATE "H"

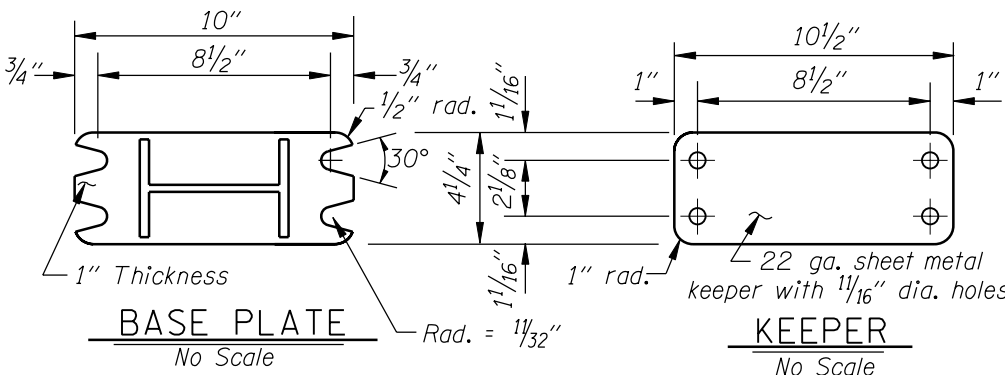
No Scale



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.



DATE: _____

NAME: _____

COMMENTS:

W6x12

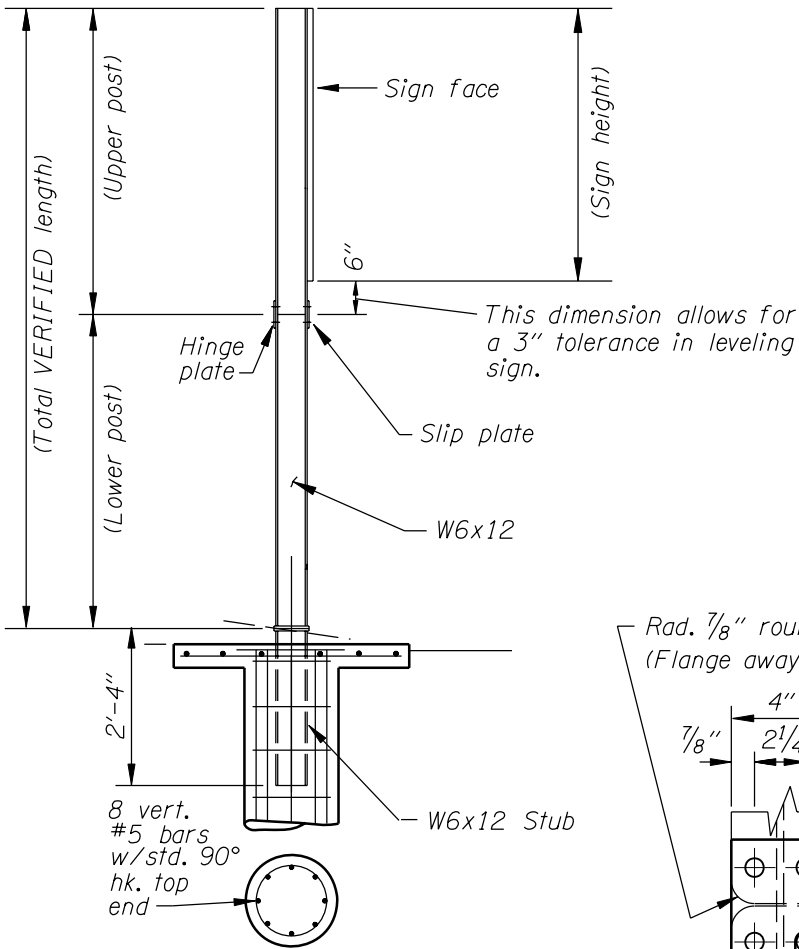
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)



BREAKAWAY SIGN POST

No Scale

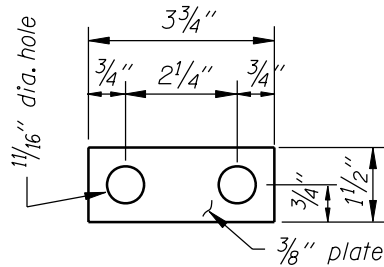
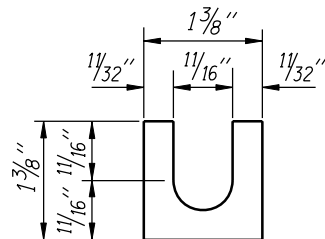


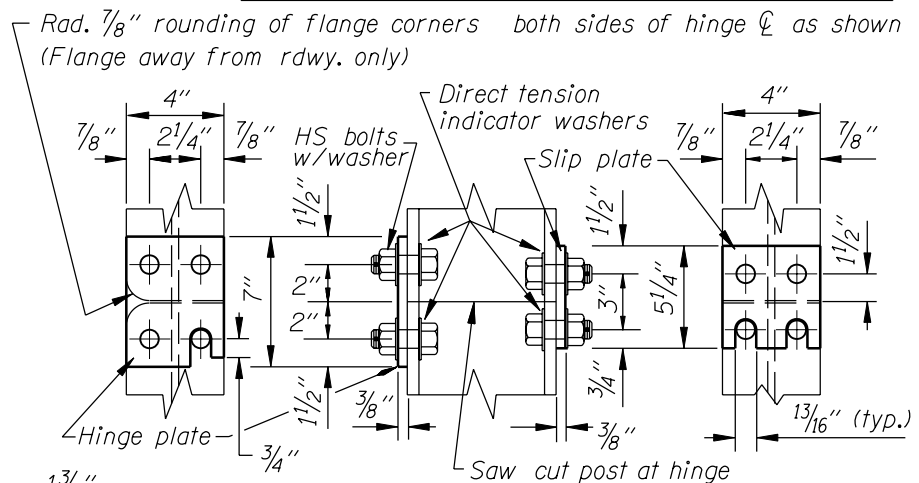
PLATE "H"

No Scale



BRASS SHIM DETAIL

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

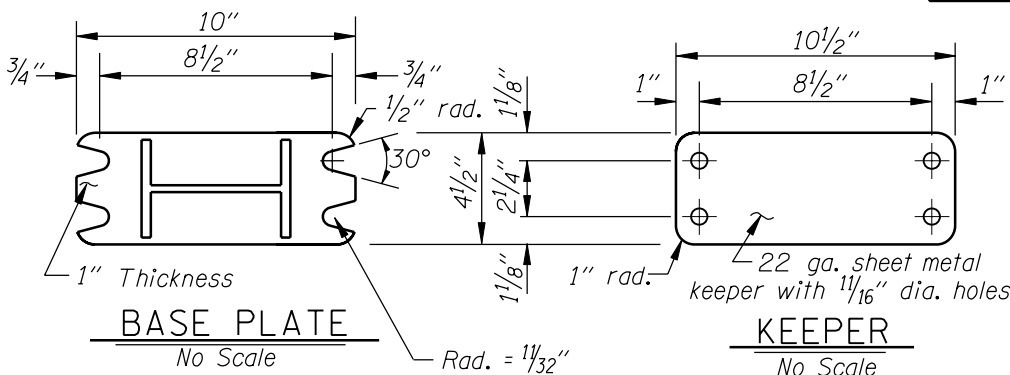


POST HINGE DETAILS

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



DATE: _____

NAME: _____

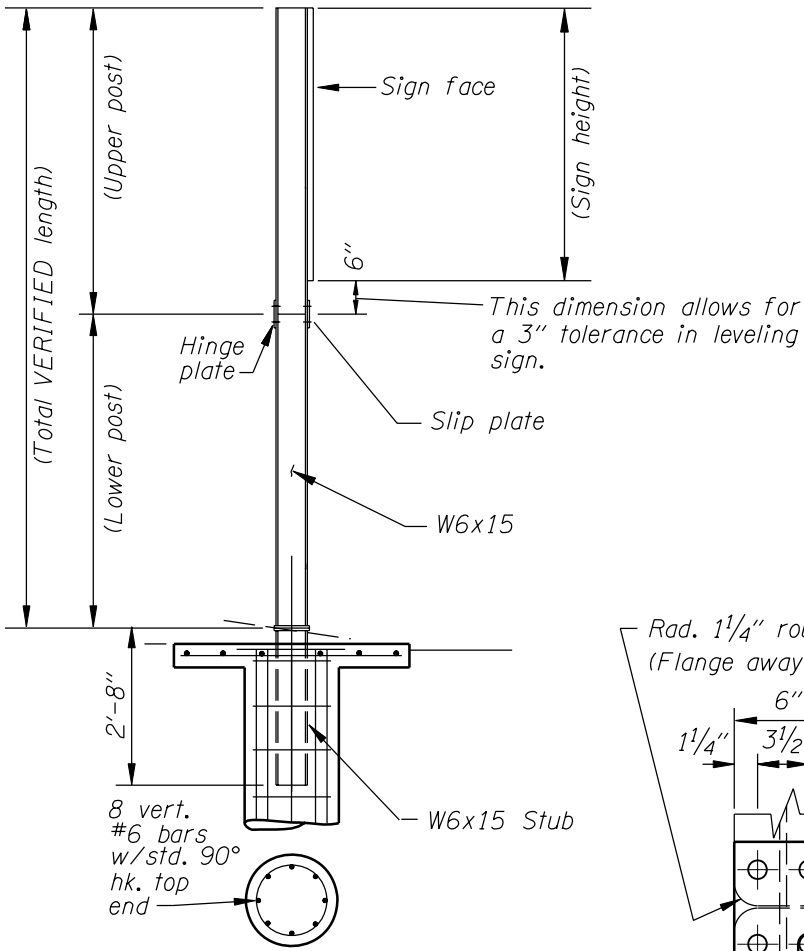
COMMENTS:

W6x15

MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:
SIGN NUMBER:

CONTRACT NO.
L C R (Circle one)



BREAKAWAY SIGN POST

No Scale

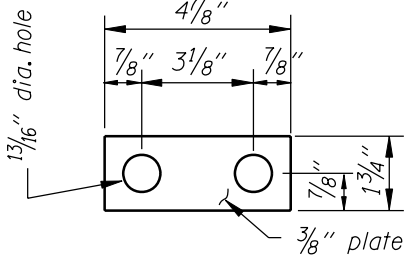
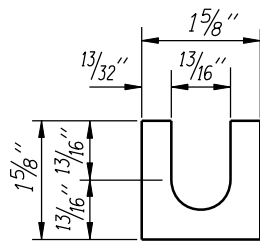


PLATE "H"

No Scale

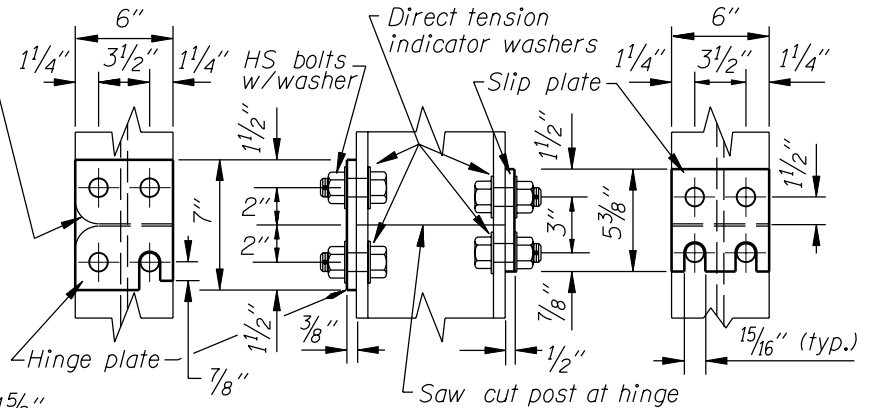


BRASS SHIM DETAIL

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

MATERIAL DESCRIPTION	QUANTITY
W6x15 Upper support	1
W6x15 Lower support	1
2'-8" W6x15 Stub	1
6" x 5 3/8" x 1/2" Slip Plate	1
6" x 7" x 3/8" Hinge Plate	1
A325 7/8" x 2 1/2" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 3/4" x 4 1/2" Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
10 1/4" x 6 1/4" x 1" Base/stub plate	2

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

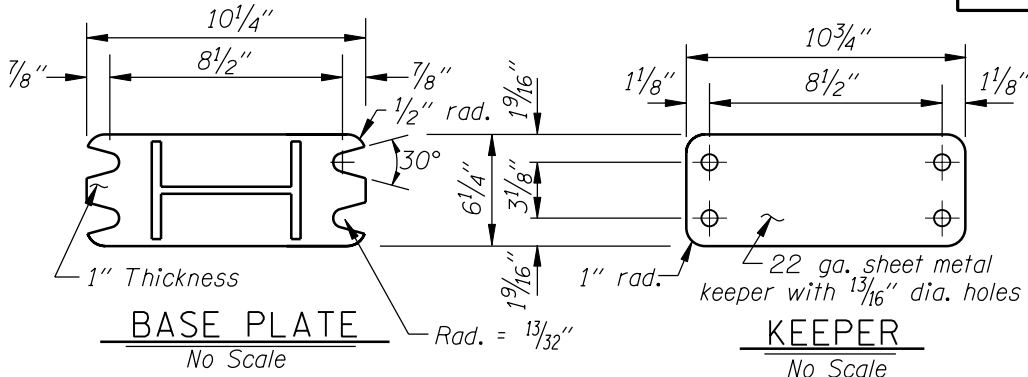


POST HINGE DETAILS

No Scale

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

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



BASE PLATE

No Scale

KEEPER

No Scale



DATE: _____

NAME: _____

COMMENTS:

W8x18

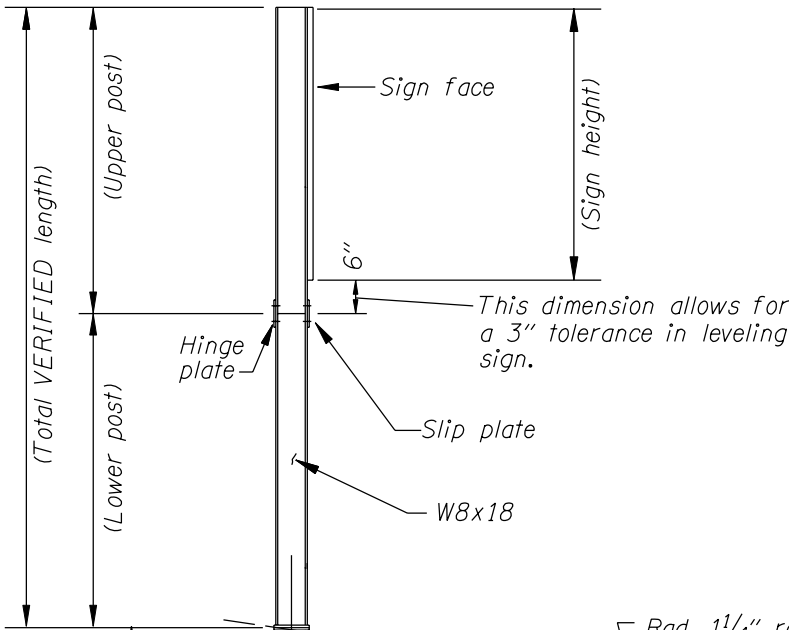
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

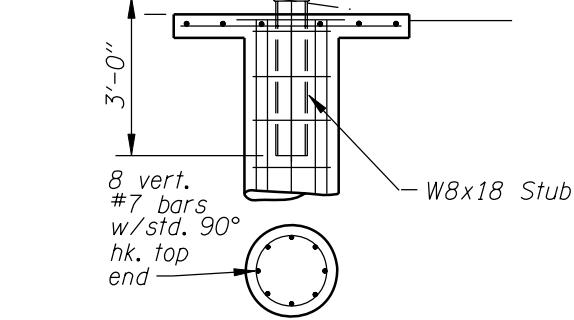
CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)

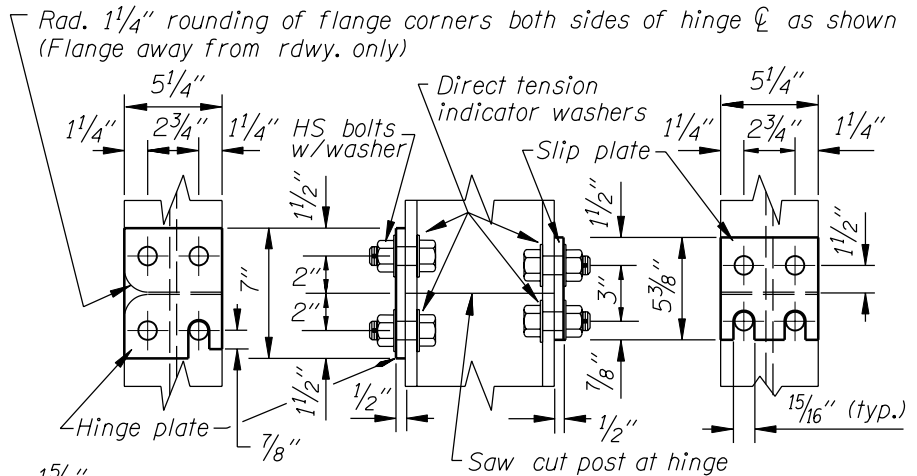


MATERIAL DESCRIPTION	QUANTITY
W8x18 Upper support	1
W8x18 Lower support	1
3'-0" W8x18 Stub	1
5 1/4" x 5 3/8" x 1/2" Slip Plate	1
5 1/4" x 7" x 1/2" Hinge Plate	1
A325 7/8" x 2 1/2" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 3/4" x 5" Base plate bolt with nut and hardened washer	4
"H" Plates	4
Shims	4
22 ga. Keeper plate	1
1'-1 1/2" x 5 1/2" x 1 3/8" Base/stub plate	2



BREAKAWAY SIGN POST

No Scale



POST HINGE DETAILS

No Scale

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

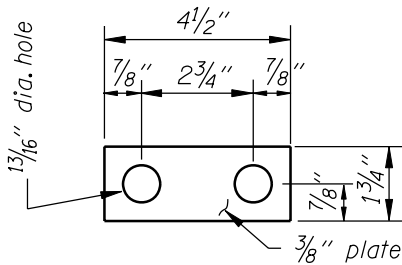
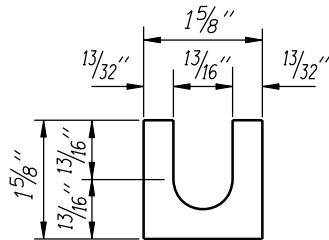


PLATE "H"

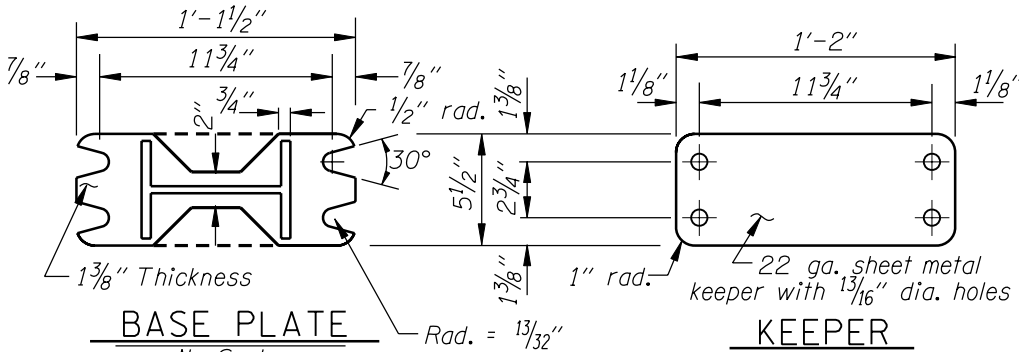
No Scale



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.



DATE: _____

NAME: _____

COMMENTS:

W8x21

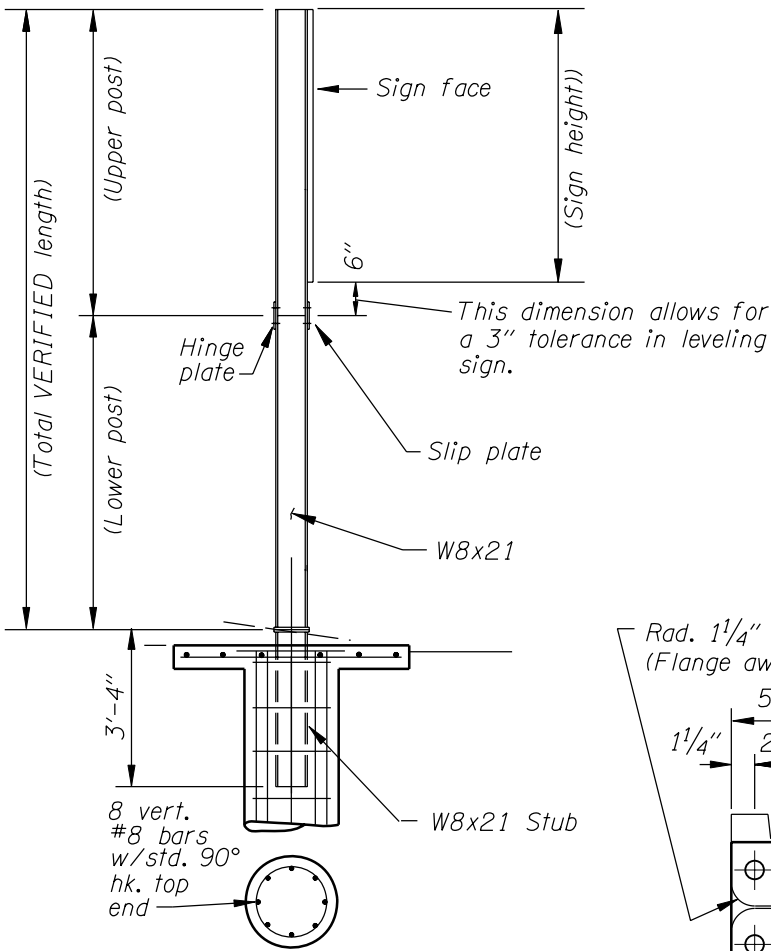
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)



BREAKAWAY SIGN POST

No Scale

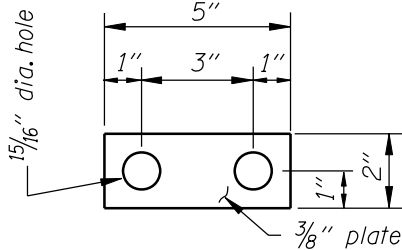
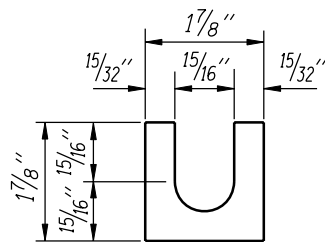


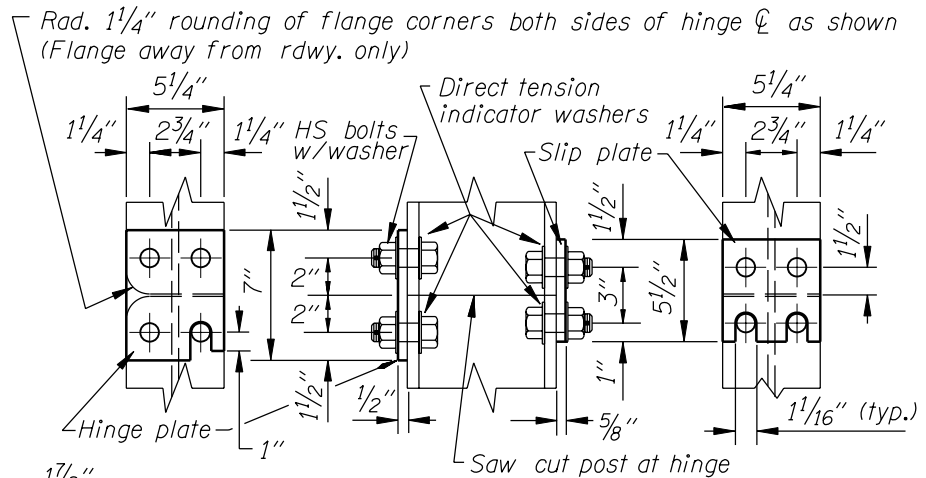
PLATE "H"

No Scale



BRASS SHIM DETAIL

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

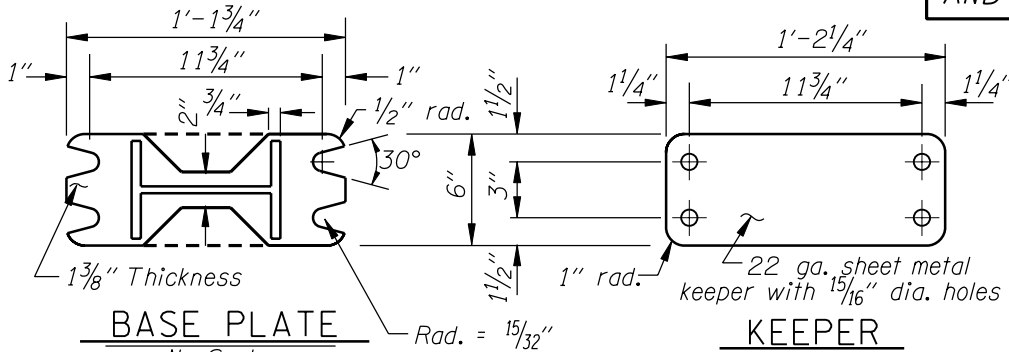


POST HINGE DETAILS

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
W8x21 Upper support	1
W8x21 Lower support	1
3'-4" W8x21 Stub	1
5 1/4"x5 1/2"x5/8" Slip Plate	1
5 1/4"x7"x1/2" Hinge Plate	1
A325 1"x2 3/4" Hinge bolts with nut, hardened and D.T.I. washers	8
A325 7/8"x5 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"x6"x1 3/8" Base/stub plate	2

OREGON DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

COMMENTS:

W10x22

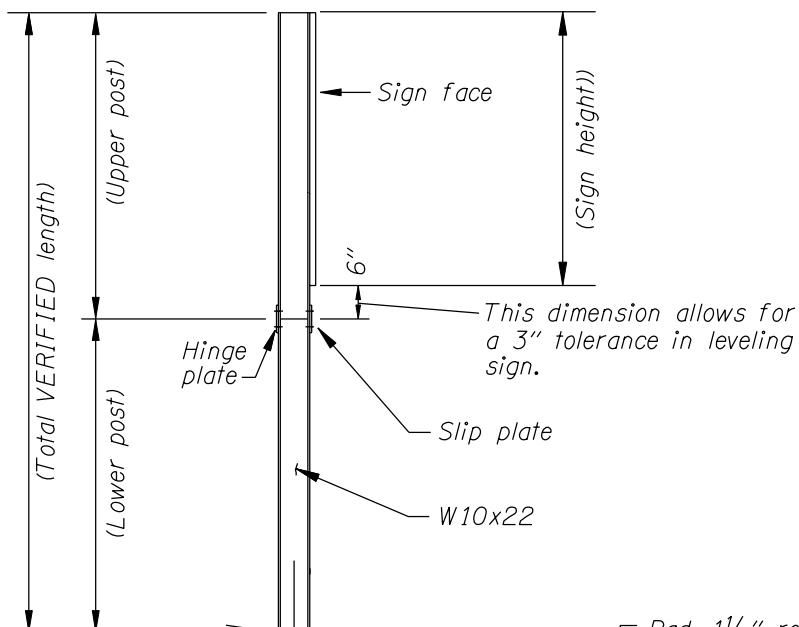
MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:

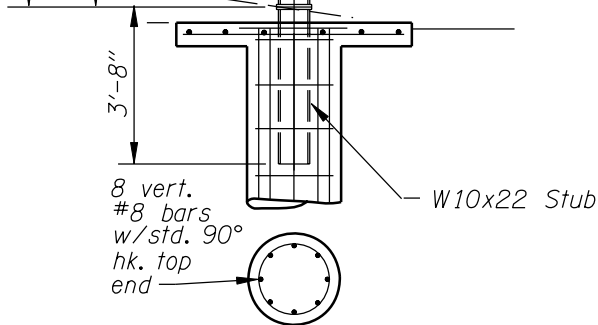
CONTRACT NO.

SIGN NUMBER:

L C R (Circle one)

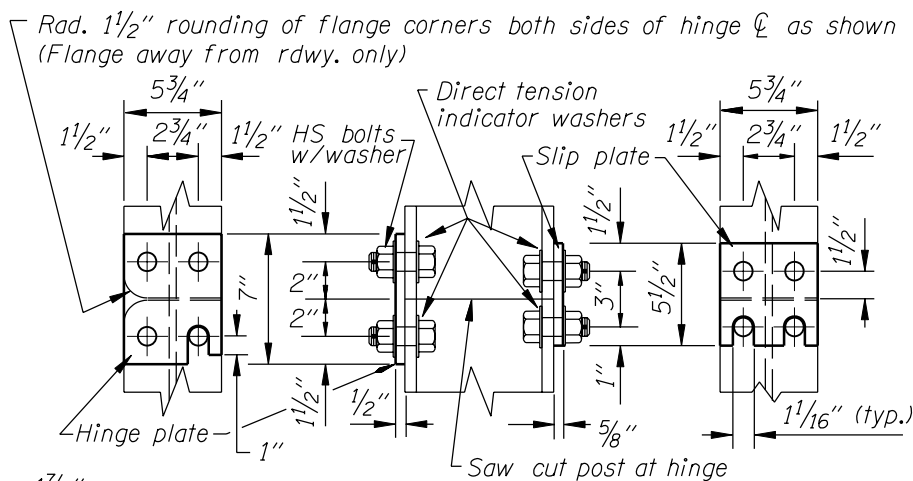


MATERIAL DESCRIPTION	QUANTITY
W10x22 Upper support	1
W10x22 Lower support	1
3'-8" W10x22 Stub	1
5 ³ / ₄ " x 5 ¹ / ₂ " x 5 ⁵ / ₈ " Slip Plate	1
5 ³ / ₄ " x 7" x 1 ¹ / ₂ " Hinge Plate	1
A325 1" x 2 ³ / ₄ " Hinge bolts with nut, hardened and D.T.I. washers	8
A325 7 ⁷ / ₈ " x 5 ¹ / ₄ " Base plate bolt with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



BREAKAWAY SIGN POST

No Scale



POST HINGE DETAILS

No Scale

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

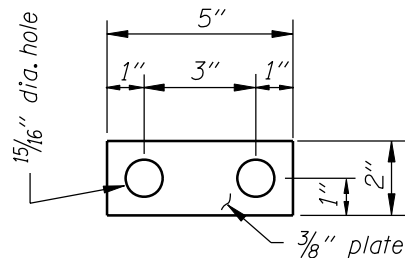
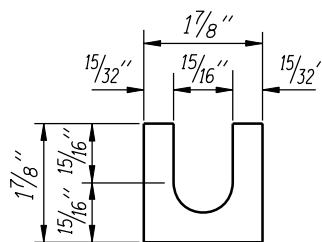


PLATE "H"

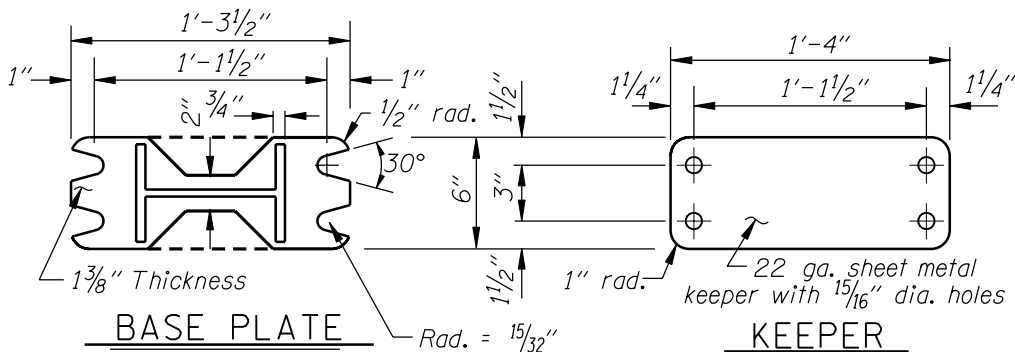
No Scale



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.



DATE: _____

NAME: _____

COMMENTS:

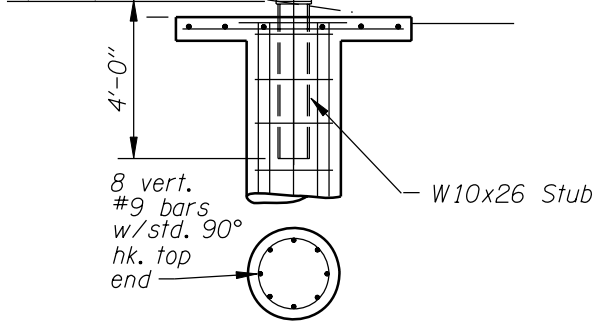
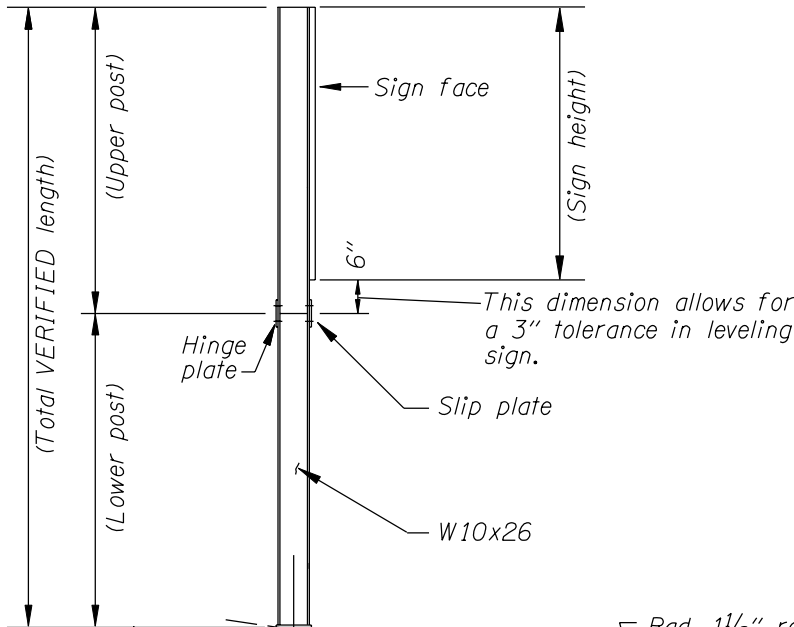
W10x26

MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:
SIGN NUMBER:

CONTRACT NO.
L C R (Circle one)

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



BREAKAWAY SIGN POST

No Scale

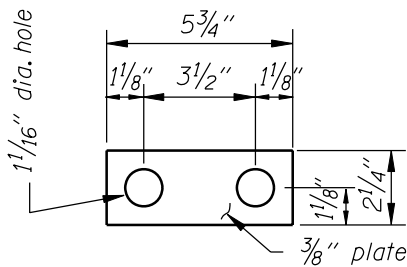
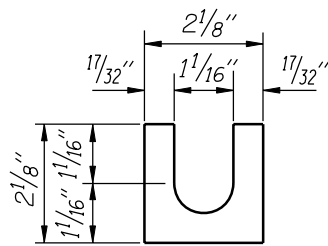


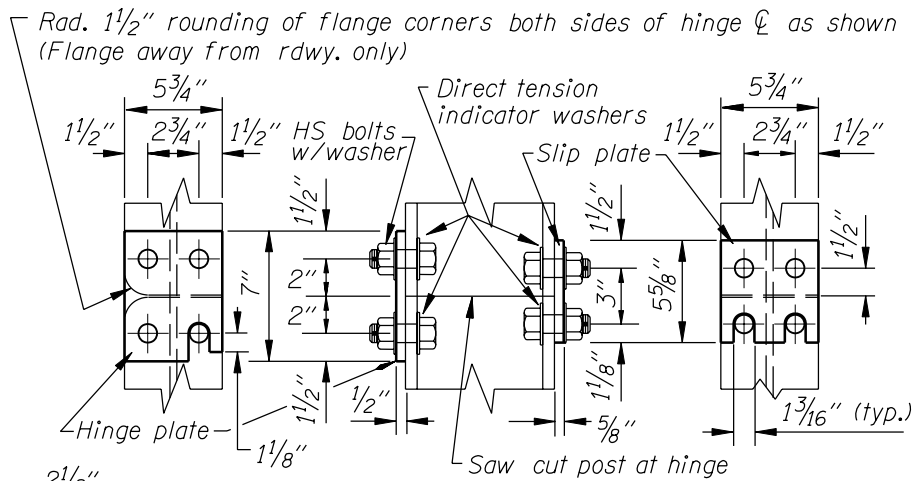
PLATE "H"

No Scale



BRASS SHIM DETAIL

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

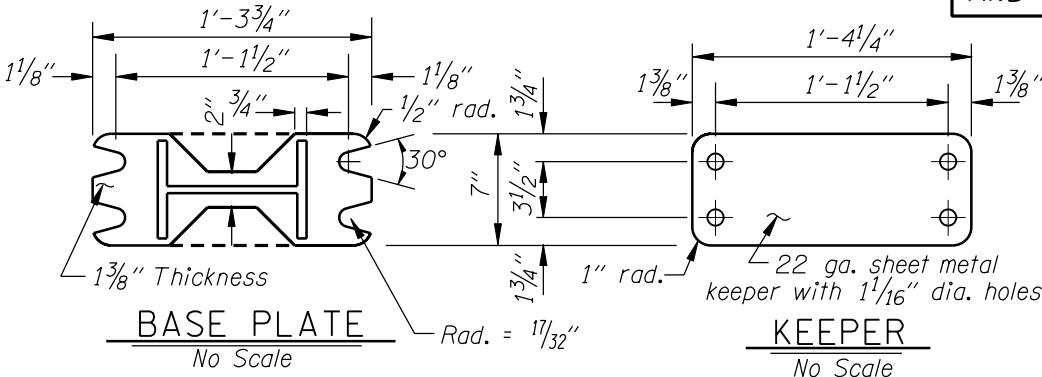


POST HINGE DETAILS

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.

OREGON DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

COMMENTS:

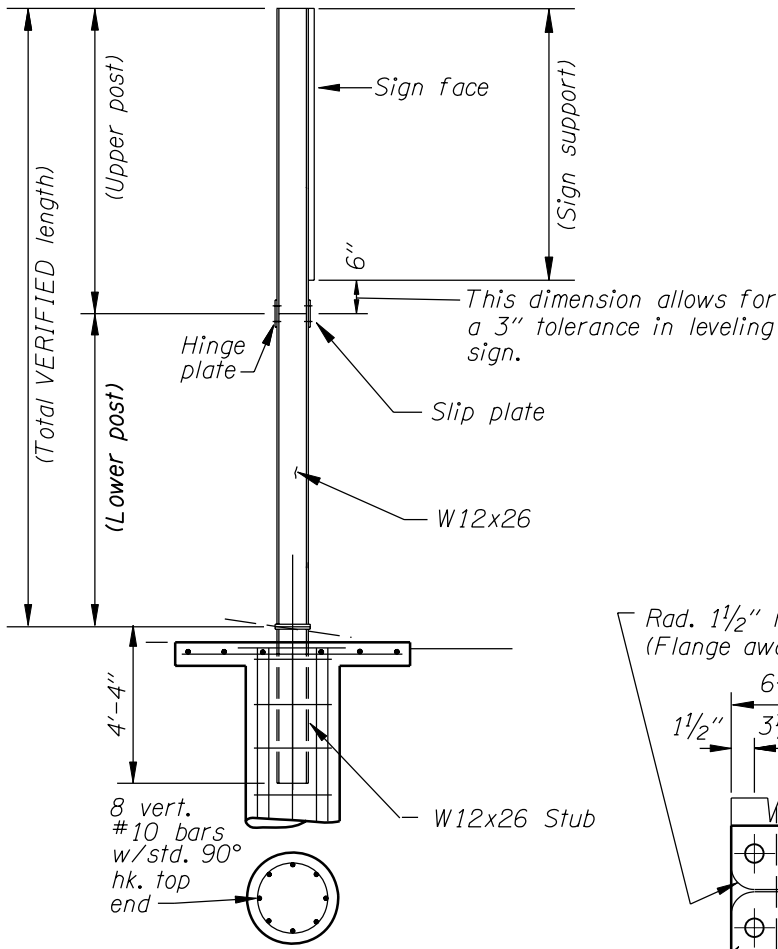
W12x26

MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:
SIGN NUMBER:

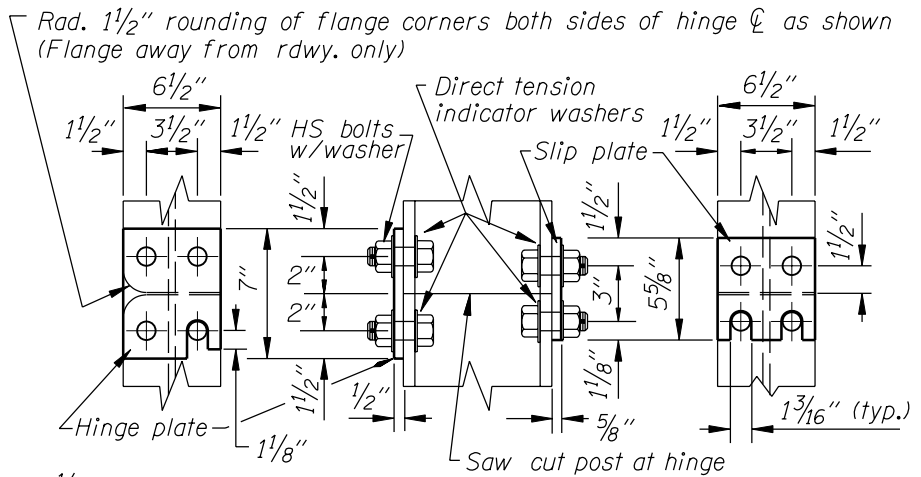
CONTRACT NO.

L C R (Circle one)



BREAKAWAY SIGN POST

No Scale



POST HINGE DETAILS

No Scale

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

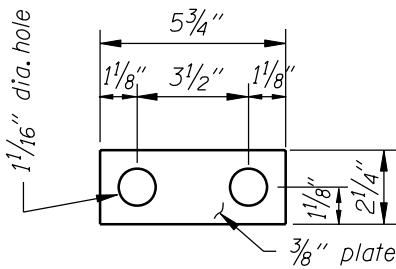
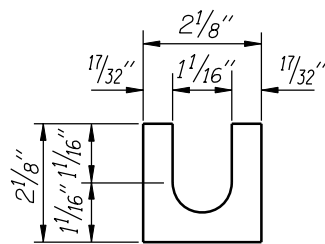


PLATE "H"

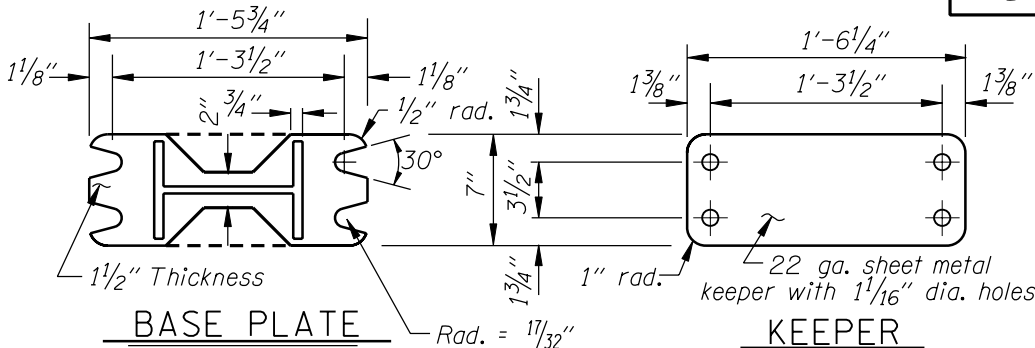
No Scale



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.



DATE: _____

NAME: _____

COMMENTS:

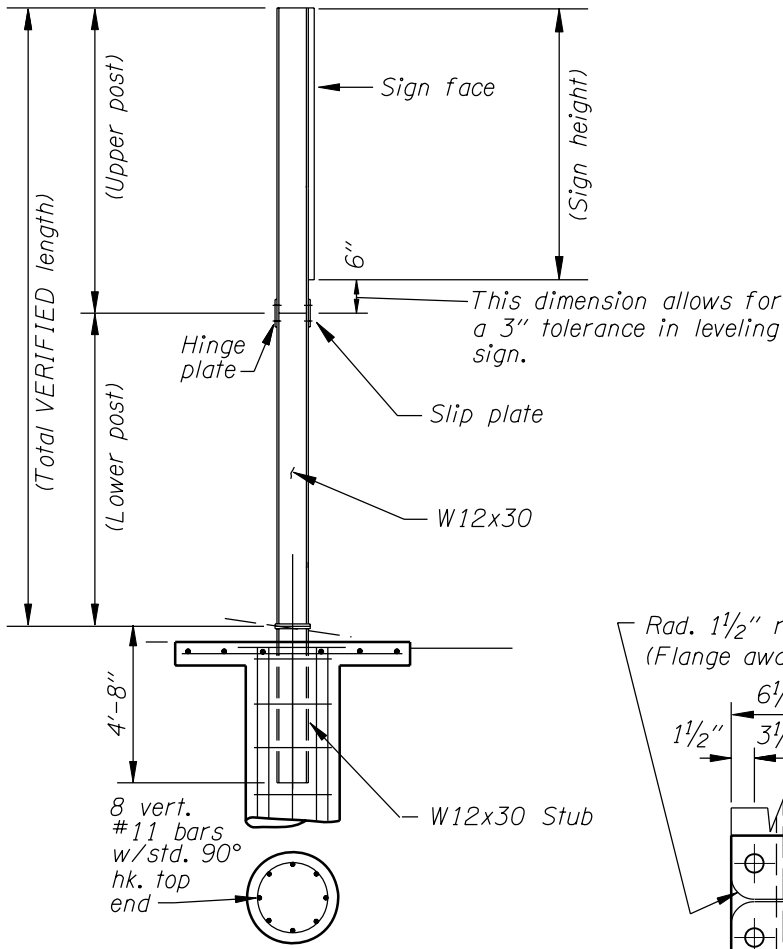
W12x30

MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:
SIGN NUMBER:

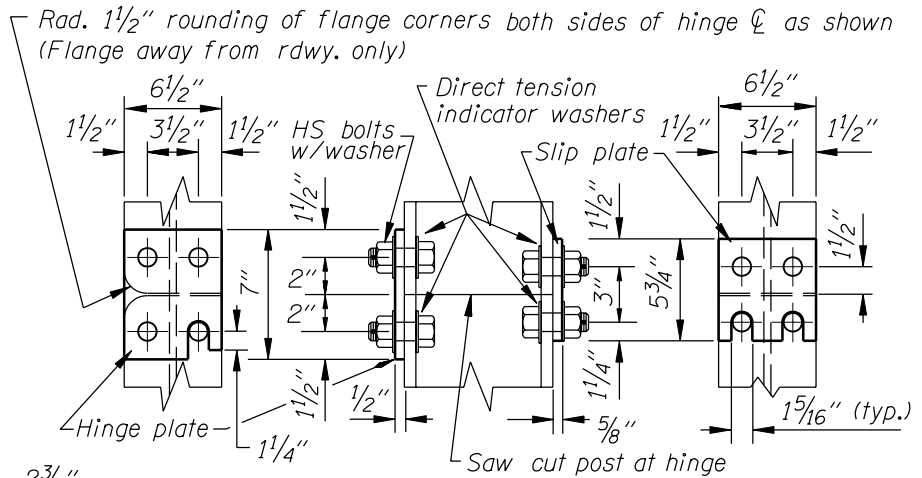
CONTRACT NO.

L C R (Circle one)



BREAKAWAY SIGN POST

No Scale



POST HINGE DETAILS

No Scale

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

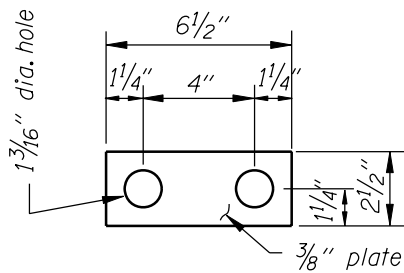
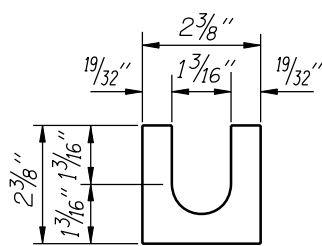


PLATE "H"

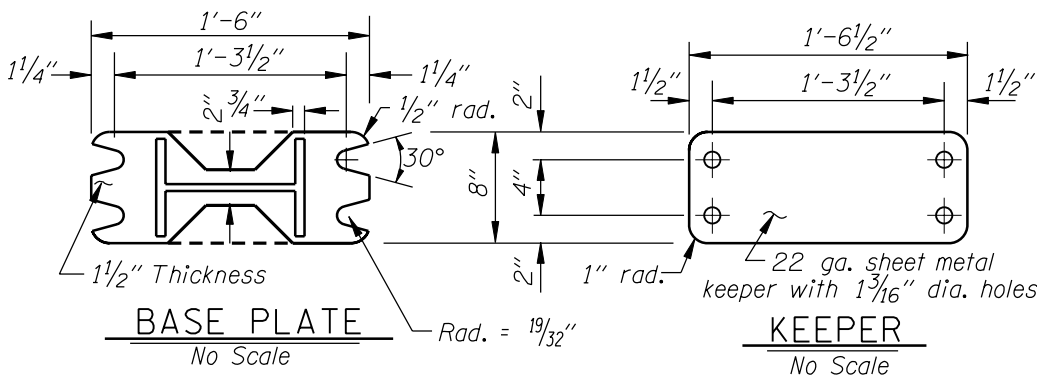
No Scale



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.



DATE: _____

NAME: _____

COMMENTS:

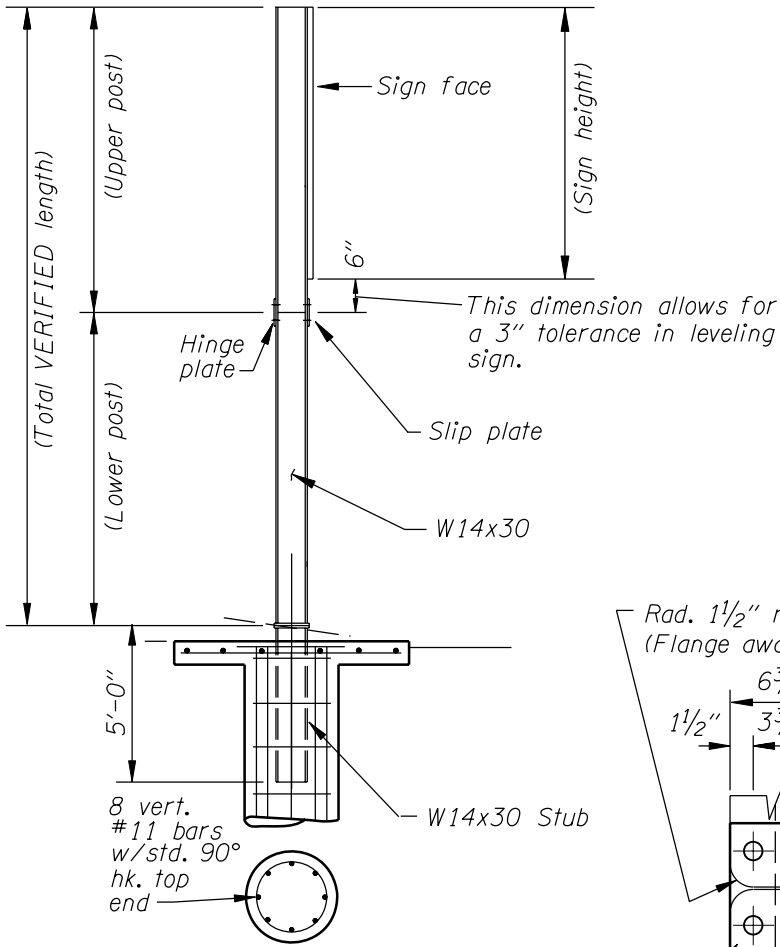
W14x30

MULTI-POST BREAKAWAY SIGN SUPPORT

JOB:
SIGN NUMBER:

CON NO.

L C R (Circle one) DATE:



BREAKAWAY SIGN POST

No Scale

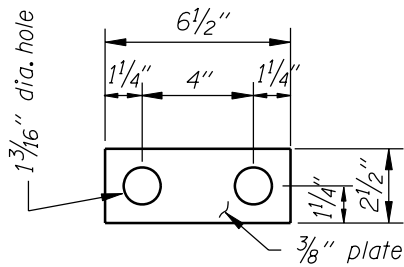
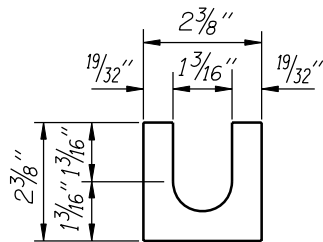


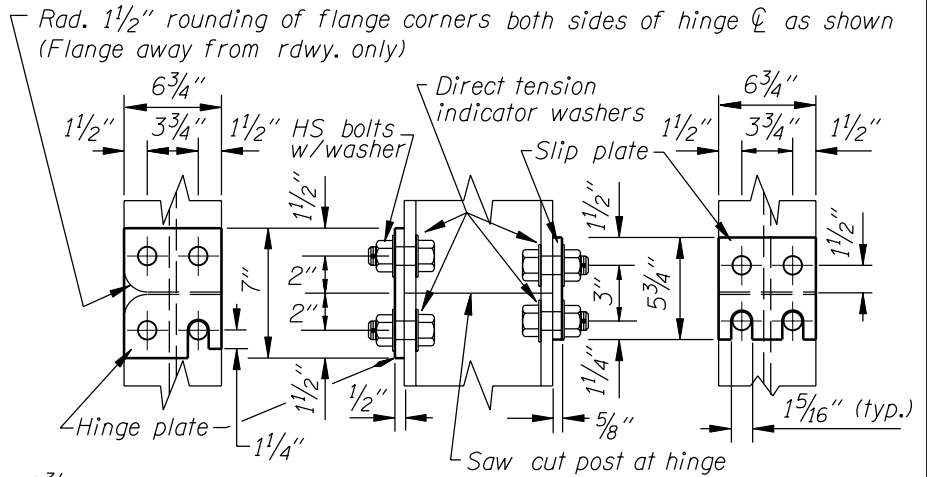
PLATE "H"

No Scale



BRASS SHIM DETAIL

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

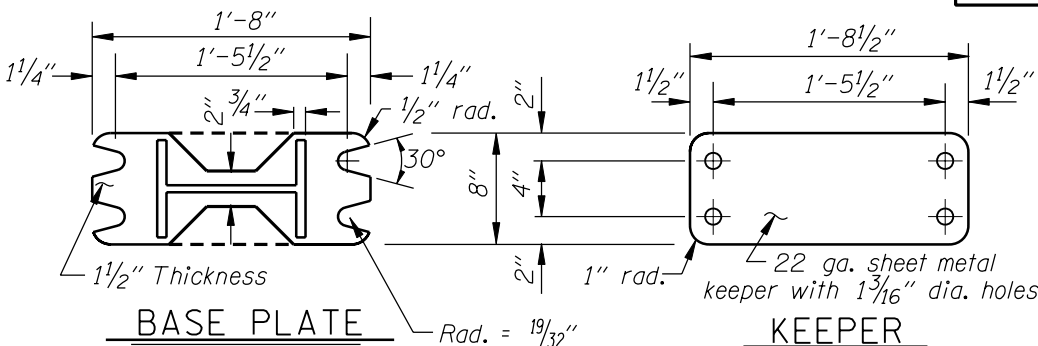


POST HINGE DETAILS

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



DATE: _____

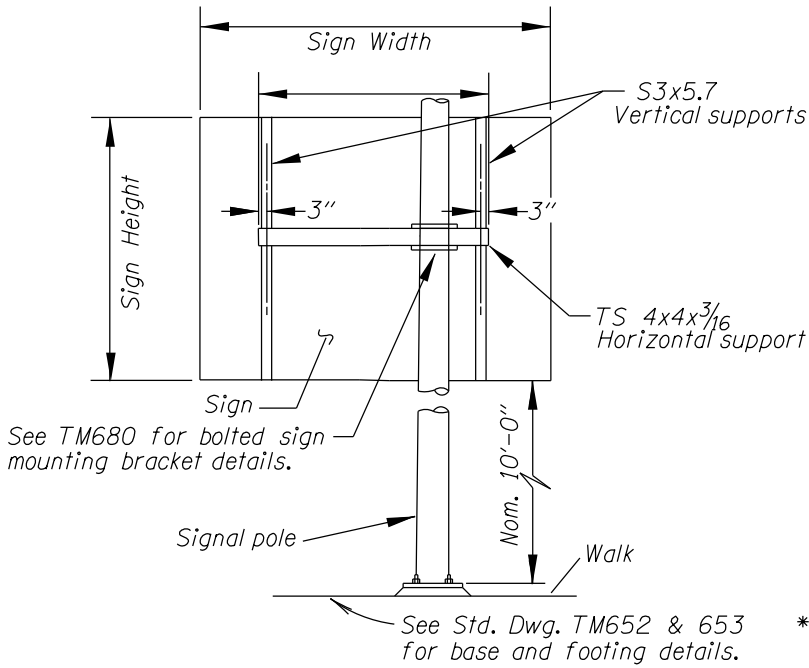
NAME: _____

COMMENTS:

SIGNAL POLE MOUNT

JOB:
SIGN NUMBER:

CONTRACT NO.



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

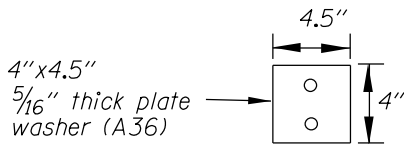


PLATE WASHER
(4 Required)

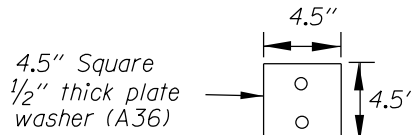
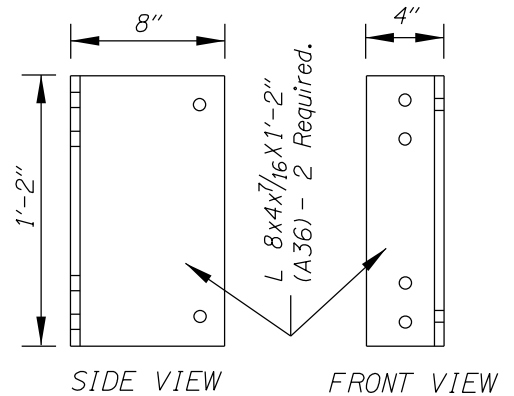
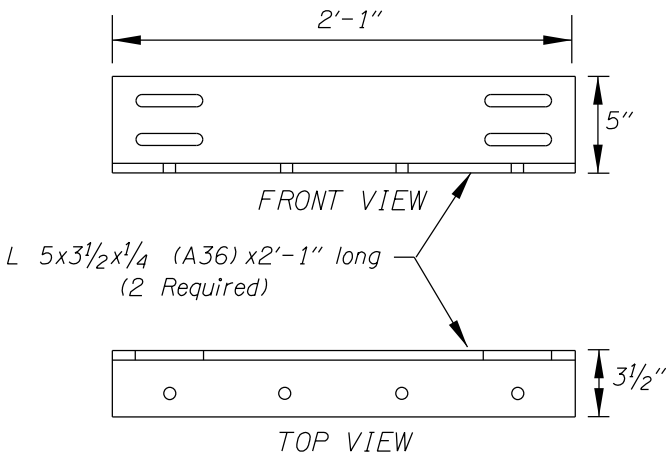


PLATE SPACER
(Varies)



POLE MOUNTING BRACKETS (SIDE)



POLE MOUNTING BRACKETS (FRONT)

 OREGON DEPARTMENT OF TRANSPORTATION
TRAFFIC ENGINEERING & OPERATIONS SECTION

DATE: _____

NAME: _____

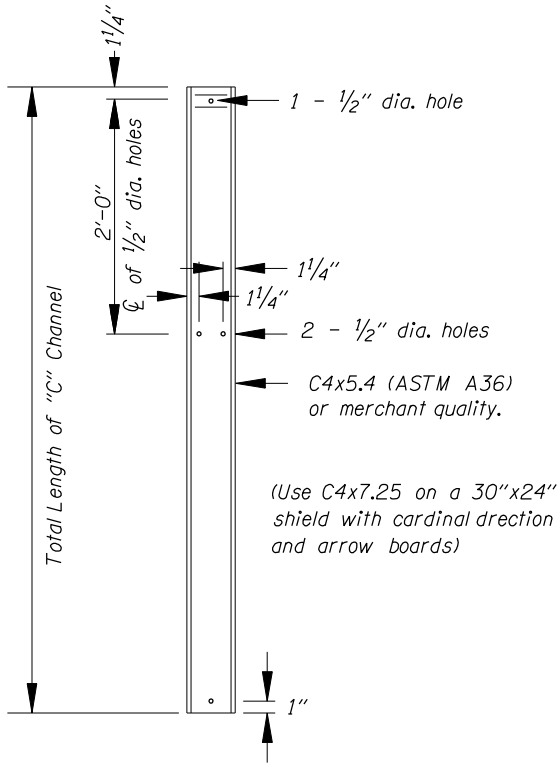
COMMENTS:

SECONDARY SIGN SUPPORTS

JOB:

CONTRACT NO.

SIGN NUMBER:



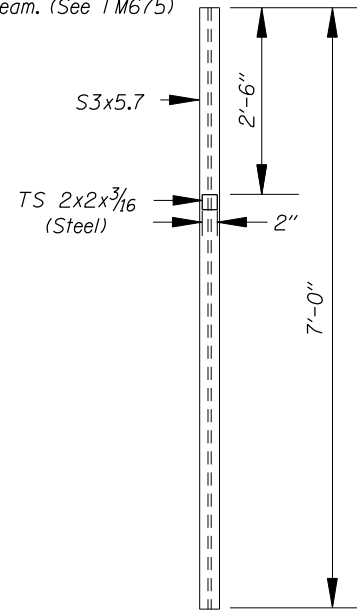
LENGTH	MATERIAL DESCRIPTION	QUANTITY
	TS 2x2x3/16 (ROUTE MARKER FRAME)	
	TS 2x2x3/16 (ROUTE MARKER FRAME)	
	TS 2x2x3/16 (ROUTE MARKER FRAME)	
	TS 2x2x3/16 (ROUTE MARKER FRAME)	
7'-0"	S3x5.7 (EXIT NUMBER SIGN SUPPORT)	
2"	TS 2x2x3/16 (EXIT NUMBER SIGN SUPPORT)	
	C4x5.4 (CHANNEL SUPPORT)	
	C4x5.4 (CHANNEL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

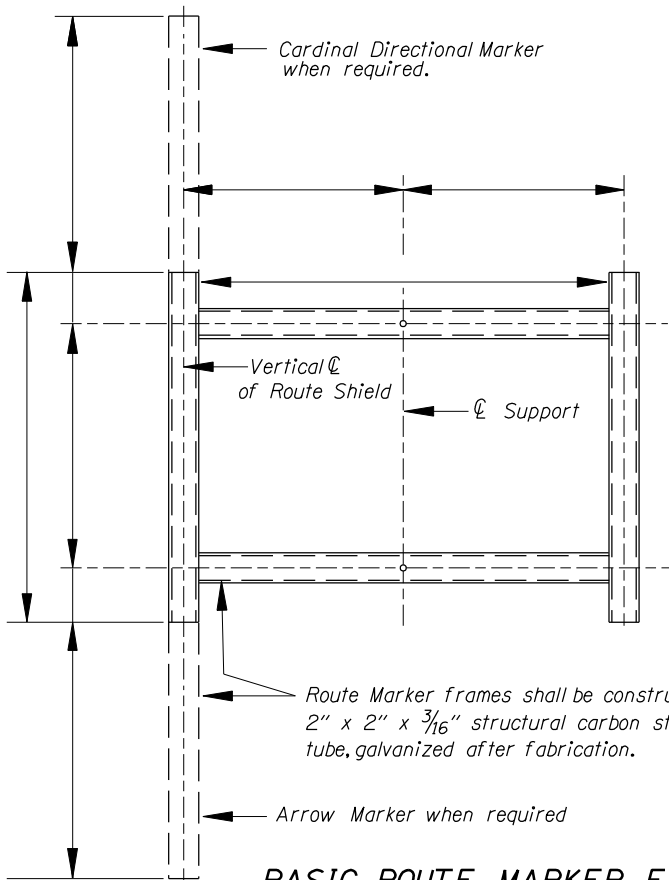
(See TM678 for details)

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)



DATE: _____

NAME: _____

COMMENTS: