

TIME: 7:00 a.m.  
PLACE: The Dalles Public Works Department  
Conference Room  
1215 W 1<sup>st</sup> Street  
The Dalles OR 97058

AGENDA  
TRAFFIC SAFETY COMMISSION  
JANUARY 20, 2016

- I. CALL TO ORDER
- II. ROLL CALL
- III. APPROVAL OF MINUTES – December 16<sup>th</sup>, 2015
- IV. PUBLIC COMMENT
- V. OLD BUSINESS
  - A) Radar Information Gathered Regarding Speed Reduction Request on East 9<sup>th</sup> near 4<sup>th</sup> Street Grade
  - B) Request for School Zone Signs – 12<sup>th</sup> & Thompson
- VI. NEW BUSINESS
- VII. ADJOURNMENT

TRAFFIC SAFETY COMMISSION  
January 20, 2016

COMMISSION PRESENT: Frank Pyles, Fred Davis, Mike Kilkenny, Chuck Covert & Donna Lawrence

ABSENT MEMBERS: Jim Bishop and vacant position

STAFF PRESENT: Dale McCabe – City Engineer, – Police Captain, Steve Baska – Council Representative, Bill Barrier – Transportation Manager and Cindy Keever – Administrative Secretary

PUBLIC PRESENT:

Chuck Covert made a motion to approve the December minutes. Donna Lawrence seconded the motion and the motion passed unanimously.

**PUBLIC COMMENT/AUDIENCE PARTICIPATION/PRESENTATIONS:**

None

**OLD BUSINESS:**

A) Radar Information Gathered Regarding Speed Reduction Request on E 9<sup>th</sup> near 4<sup>th</sup> Street Grade

A report from the Police Chief was discussed. Chief Waterbury reported he had sat up in the area a couple of days and witnessed no speeders. Bill Barrier also reported he had checked on the speeds on 9<sup>th</sup> Street and there were no problems when he checked either. Most speeds were actually under the speed limit, probably due to the narrowness of the street. Chief Waterbury suggested the radar board be put along 9<sup>th</sup> Street for a week or so, as it has in the past.

B) Request for Additional School Zone Signs – On Thompson and 12<sup>th</sup> Streets

Following an additional request from Columbia Lutheran School for School Zone signage on Thompson Street, Bill passed around paperwork showing the proposed sign locations and the actual signs to be installed at those locations. Mike Kilkenny made a motion to continue the school zone signage onto Thompson Street. Chuck Covert seconded the motion and the motion passed unanimously.

The City will install the signs after the school purchases them.

D) Trick or Treating in Downtown The Dalles

Donna Lawrence hasn't talked with the Chamber of Commerce yet but plans to have that discussion soon. No further action at this time.

**NEW BUSINESS:**

1) Hospital Expansion/On Street Parking Issues

A discussion was held regarding MCMC expansion and how that will effect on street parking. This item was on the PW Site Team agenda and the Site Team recommended all parking improvements be done as Phase I. A meeting will be held on January 21<sup>st</sup> @ 6p for citizens of the community to voice their concerns. Donna Lawrence encouraged all to attend so their voices could be heard

3) Transportation System Plan Update Meeting

Dale McCabe invited all members to attend the February 10<sup>th</sup> meeting regarding the Transportation System Plan Update. The Public Advisory Committee will meet from 3:30p – 5:30p and a public meeting will follow at 6:30p. All are invited and encouraged to attend.

4) Thank You Transportation Crews

Fred Davis thanked the Transportation Division for keeping up with the ice and snow during the recent snow events. Good job!

There being no further business to come before the Commission, Donna moved to adjourn. Mike seconded the motion and the motion passed unanimously.

Cindy Kever  
Administrative Secretary  
City of The Dalles

Final approval

  
Frank Pyles





# TRAFFIC SAFETY SUPPLY COMPANY

Your Traffic Sign & Supplies Resource Since 1956



**S1-1**  
30"x30"  
36"x36"  
48"x48"



**S3-1**  
30"x30"  
36"x36"  
48"x48"



**S3-2**  
30"x30"  
36"x36"  
48"x48"



**S4-5**  
30"x30"  
36"x36"  
48"x48"



**S4-5a**  
30"x30"  
36"x36"  
48"x48"



**OS5-5**  
24"x36"  
36"x60"  
48"x72"



**OS5-1**  
24"x48"  
36"x72"

## SCHOOL SIGNS



Fluorescent Yellow  
Green is now required for  
all School Warning Signs.



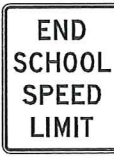
**S5-1a**  
24"x48"  
36"x72"



**S5-101**  
30"x48"  
48"x72"



**S5-2**  
24"x30"  
36"x48"



**S5-3**  
24"x30"  
36"x48"



**S4-1P**  
24"x10"  
36"x18"



**S4-2P**  
24"x10"  
36"x18"



**S4-3P**  
24"x8"  
36"x12"



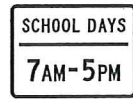
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**S4-6P**  
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**OS4-9**  
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**R2-6P**  
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36"x24"



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**W16-2aP**  
24"x12"  
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**W16-5P**  
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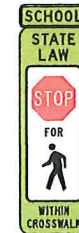
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**R1-6**  
12"x36"



**R1-6a**  
12"x36"



**R2-10**  
24"x30"  
36"x48"



**R2-11**  
24"x30"  
36"x48"



**Bus Lane**  
12"x18"  
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**Student Lane**  
12"x18"  
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**Student Lane Option**  
12"x18"  
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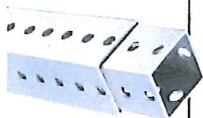




# TRAFFIC SAFETY SUPPLY COMPANY

Your Traffic Sign & Supplies Resource Since 1956

## PERFORATED SQUARE TUBE & QWIK PUNCH POSTS



### QWIK PUNCH

Qwik Punch Posts are square tube posts that have a solid wall look. Simply punch out hole in desired mounting location with punch and hammer.

Available in 14 gauge only.

2" x 10" #12700210

2" x 12" #12700215

2" x 20" #12700213

2" x 24" #12700218

## PERFORATED SQUARE TUBE AND QWIK PUNCH SIGN POSTS

The Perforated Square Tube and Qwik-Punch sign support systems are designed to meet NCHRP 350 breakaway standards. In addition, the square design allows the user to easily install posts into the ground that would otherwise require digging or driving from a raised platform. Perforated Square Tube comes in widths from 1-1/2", 1-3/4", 2", 2-1/4" and 2-1/2". 7/16" Diameter holes on 1" hole centers. Galvanized steel conforming to ASTM Specification A653 DES G90.

Qwik-Punch Posts are available in 2". These posts are available in 14 gauge only. In-line, galvanized zinc coating per AASHTO M-120, followed by a conversion coating and a clear organic topcoat.

These different sizes allow different size pieces to be "sleeved" into one another. With this system, an anchor post (2-1/4" x 36" or 2-1/4" x 30") is driven into the soil with a "drive cap" using a sledge hammer or power driver. The anchor post is left slightly above or flush with the ground. The installer can then insert a 2" x 10" square tube (or any desired length) sign post into the 2-1/4" anchor post.

Square Tube and Qwik-Punch Signposts are stocked in 10 foot and 12 foot lengths. If you need to order another size, please call for assistance.

10 Gauge = .135 Wall Thickness

12 Gauge = .105 Wall Thickness

14 Gauge = .095 Wall Thickness

### INSTALLATION OPTIONS

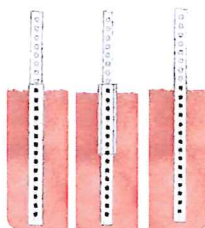
(FOR USE WITH PERFORATED SQUARE TUBE AND QWIK-PUNCH)

For applications where it is important or necessary to have a "breakaway" sign support, the installer can use a combination of an anchor, in conjunction with an additional sleeve, for added wall strength. When the sign post is hit (usually by a motor vehicle) the post breaks off at the top of the base sleeve level.

A. Single Breakaway Anchor: Using either manual or power equipment, a minimum 30" section of 12 gauge tubing is driven into the soil to serve as an anchor. 1" to 2" is left exposed above the surface. One man working at ground level can safely and easily insert a 14 gauge signpost into the anchor base and bolt into place.

B. Two-piece Breakaway Anchor: A two-piece breakaway system is easily created by adding a 12 gauge outer sleeve of the next larger size tube to the original anchor base. This additional sleeve, approximately 18" long, provides a double wall thickness to accomplish the breakaway function.

C. Direct Embedded Single Post: Signposts can be driven directly into the ground without anchoring sections, using a drive cap with sledge hammer or power equipment.



### PERFORATED SQUARE TUBING:

Size	Gauge	Lbs/Ft	Part # (10 Ft)	Part # (12 Ft)
1-1/2"	12	1.70	#12100110	#12100112
1-3/4"	12	2.06	#12100210	#12100212
1-3/4"	14	1.71	#12100227	#12100228
2"	12	2.42	#12100310	#12100312
2"	14	1.99	#12100330	#12100331
2-1/4"	12	2.79	#12100410	#12100412
2-1/2"	10	4.01	#12100464	#12100468
2-1/2"	12	3.14	#12100510	#12100512

### QWIK PUNCH SIGNPOST:

Size	Gauge	Lbs/Ft	Part # (10 Ft)	Part # (12 Ft)
2"	14	2.164	#12700210	#12700215

### ANCHORS:

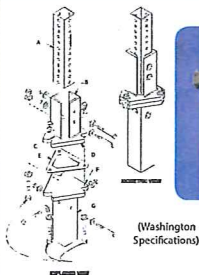
Size	Gauge	Part # (30")	Part # (36")
2-1/4"	12	#12100901	#12100900
2-1/2"	7	#12101390	#12101385
3"	7	4 HOLE	#12101400
3"	7	ST-4 (Anchor only)	#12101405
3"	7	SB-1 (Anchor only)	#12101410



### SLEEVES:

Size	Gauge	Part # (18")
2-1/4"	12	#12101200
2-1/2"	12	#12101000

## PERFORATED SQUARE TUBE & QWIK PUNCH POST SUPPORTS



### UNIBASE SLIPBASE ASSEMBLY

- A. Square Tube Sign post (not included)
- B. 3/8" Bolts, Washers, Nuts
- C. Top Slip Base Plate
- D. Belt Sleeve
- E. Teflon Gasket
- F. Bottom Slip Base Plate
- G. 1/2" Bolts
- H. 3" x 3" x 7 gauge Anchor Tube welded to bottom slip base

#21500 (Oregon Specifications)

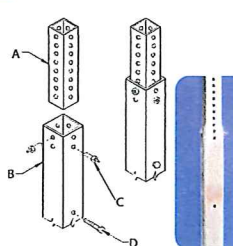


For 2" Post (Washington Specifications)

#11501003

For 2-1/4" Post

#11501023

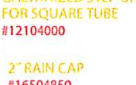


### ST-4 - 10 HOLE ANCHOR SYSTEM

- A. Square Tube Sign post (not included)
- B. Lower sign post support (36")
- C. Drive Rivet
- D. Stop Bolt for Sign post

#12101405 (Washington Specifications)

## SQUARE TUBE ACCESSORIES



### DRIVE RIVETS

3/8" Aluminum  
#16502205  
3/8" Steel  
#16502200

### SURFACE MOUNTED BASE

#12101600

### WEDGE ANCHOR

#16502320

### CORNER BOLT

5/16" with nut  
#16502300  
For 2" anchor  
#16502301  
For 3" anchor  
#16502302

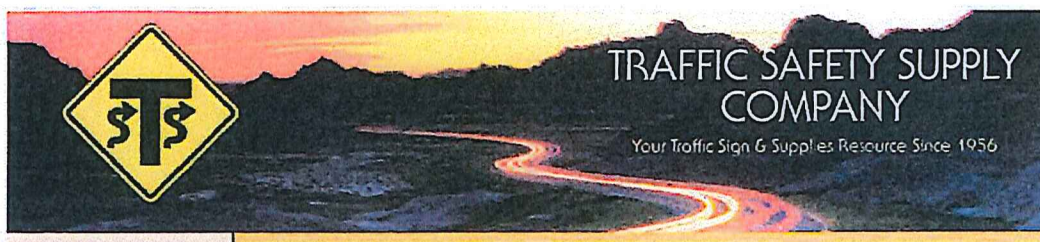
### GALVANIZED STEP UP FOR SQUARE TUBE

#12104000

### 2" RAIN CAP

#16504850

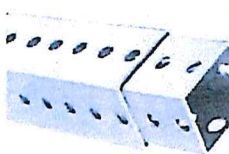




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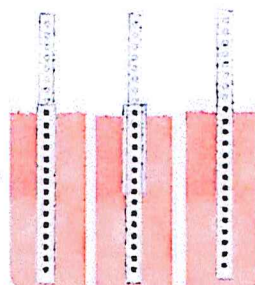
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### ANCHORS

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3"	7	4 HOLE	#12101400
3"	7	ST-4 (Anchor only)	#12101405
3"	7	SB-1 (Anchor only)	#12101410

### SLEEVES

Size	Gauge	Part # (18")
2-1/4"	12	#12101200
2-1/2"	12	#12101000



## PERFORATED SQUARE TUBE & QWIK PUNCH POST SUPPORTS

### SB-1 SLIP BASE ASSEMBLY

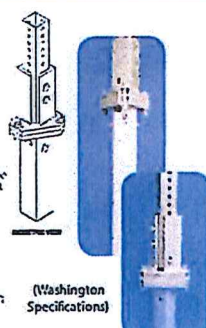
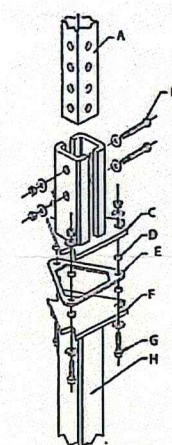
- A. Square Tube Sign post
- B. Sign post Bracket
- C. Fillet Weld
- D. Upper Slip Plate
- E. Teflon Gasket
- F. Lower Slip Plate
- G. Lower Slip Plate Stub (Lower sign post support not shown)
- H. Slip Base Bolts and washers

For 2-1/2" Post

#21300

For 3" Post

#21400



### ST-3 ANCHOR SYSTEM

- A. Square Tube Sign post (not included)
- B. Wedge
- C. Stabilizer Fin
- D. Clean Out Bar
- E. Anchor Leg Angle

For 2" Post (Washington Specifications)

#11501003

For 2-1/4" Post

#11501023



### UNIBASE SLIPBASE ASSEMBLY

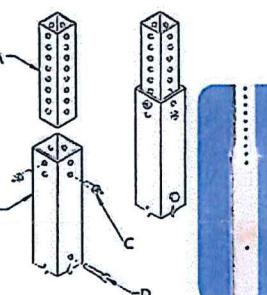
- A. Square Tube Sign post (not included)
- B. 3/8" Bolts, Washers, Nuts
- C. Top Slip Base Plate
- D. Belt Sleeve
- E. Teflon Gasket
- F. Bottom Slip Base Plate
- G. 1/2" Bolts
- H. 3" x 3" x 7 gauge Anchor Tube welded to bottom slip base

#21500 (Oregon Specifications)

### ST-4 - 10 HOLE ANCHOR SYSTEM

- A. Square Tube Sign post (not included)
- B. Lower sign post support (36")
- C. Drive Rivet
- D. Stop Bolt for Sign post

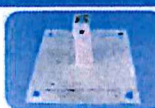
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#16502205  
3/8" Steel  
#16502200



**SURFACE MOUNTED BASE**  
#12101600



**WEDGE ANCHOR**  
#16502320



**GALVANIZED STEP UP FOR SQUARE TUBE**  
#12104000



**CORNER BOLT**  
5/16" with nut  
For 2" anchor #16502300  
For 2-1/2" anchor #16502301  
For 3" anchor #16502302



**2" RAIN CAP**  
#16504850





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Your Traffic Sign & Supplies Resource Since 1956



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30"x30"  
36"x36"  
48"x48"



**S3-1**  
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36"x36"  
48"x48"



**S3-2**  
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36"x36"  
48"x48"



**S4-5**  
30"x30"  
36"x36"  
48"x48"



**S4-5a**  
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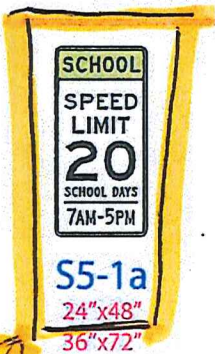


**OS5-1**  
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## SCHOOL SIGNS



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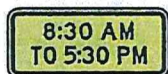
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**S5-2**  
24"x30"  
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**S5-3**  
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36"x48"



**S4-1P**  
24"x10"  
36"x18"



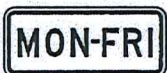
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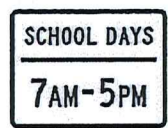
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36"x18"



**S4-6P**  
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36"x18"



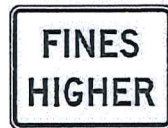
**S4-7P**  
24"x12"  
30"x18"



**OS4-8**  
24"x18"  
36"x24"



**OS4-9**  
30"x18"  
36"x24"



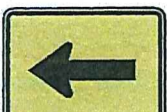
**R2-6P**  
24"x18"  
36"x24"



**W16-2P**  
24"x18"  
30"x24"



**W16-2aP**  
24"x12"  
30"x18"



**W16-5P**  
24"x12"  
30"x18"



**W16-6P**  
24"x12"  
30"x18"



**W16-7P**  
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**W16-9P**  
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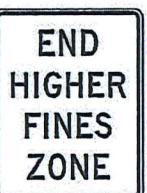
**R1-6**  
12"x36"



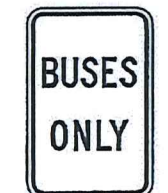
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12"x36"



**R2-10**  
24"x30"  
36"x48"



**R2-11**  
24"x30"  
36"x48"



**Bus Lane**  
12"x18"  
18"x24"



**Student Lane**  
12"x18"  
18"x24"



**Student Lane Option**  
12"x18"  
18"x24"

