

Overview for Contract

Prior to utilizing a contract, the user should read the contract in it's entirety.

DESCRIPTION

Covers Commonwealth requirements for Posts and Accessories.

Materials must conform to specifications in the contract.

Steel Products Procurement Act "B" must be met.

CONTRACT INFO

Contract Number & Title	4600011811; 46000011844; 4600011845; 4600011851; 4600011854; 4600011855 Legacy 9550-10 - Posts and Accessories
Number of Suppliers	Six (6)
Validity Period	04/01/07 - 03/31/2008 With three (3) one year additional renewal periods
DGS Point of Contact	Lori Vessella
Contact Phone #	(717) 705-5794
Email	lvessella@state.pa.ua

PRICING HIGHLIGHTS

4600011811 - Franklin Investment Corp dba Franklin Industries-Vendor #183641

4600011844 - U S Municipal Supply Inc-Vendor #153639

4600011845 - Safer Roads Inc-Vendor #215259

4600011851 - South Penn Highway Supply LLC-Vendor #209224

4600011854 - Garden State Highway Products Inc-Vendor #115729

4600011855 - Chemung Supply Corp-Vendor #104227

Pricing is based on the closing price shredded automobile scrap at Pittsburgh PA. The base price is **\$256.00** per ton. This price is adjusted monthly.

PROCESS TO PURCHASE

This contract is mainly used by **PennDOT**.

Per **Act 57**, the contractors elect to sell or not to sell the items on the contract to local procurement units at the same prices. Four (4) of the suppliers on this contract **allow COSTARS participation** - Safer Roads Inc; South Penn Highway Supply LLC; Garden State Highway Products Inc; Chemung Supply Corp.

Supplier Contacts:

Franklin Industries - James Young; 814-437-3726; jyoung@usachoice.net

U S Municipal Supply Inc - Garry Wright; 800-222-1980; gww@usmuni.com

Safer Roads Inc - Mary Hubbell; 518-891-1669; maryhubbell@gmail.com

South Penn Highway Supply - Marty Rhoad; 610-374-7654; rhoadllc@comcast.net

Garden State Highway Products, Inc - Robert A Green; 856-692-7572;

bob@gardenstatehwy.com

Chemung Supply Corp - 607-733-5506; csupplycorp@siny.rr.com

SPECIAL CONTRACT TERMS AND CONDITIONS

CONTRACT SCOPE/OVERVIEW: This **Collective Number CN00025210 (Legacy Number 9550-10)** (identified here and in the other documents as the "Contract") will cover the requirements of Commonwealth agencies for Posts and Accessories.

ORDER OF PRECEDENCE: These Special Contract Terms and Conditions supplement the Standard Contract Terms and Conditions for Statewide Contracts for Supplies. To the extent that these Special Contract Terms and Conditions conflict with the Standard Contract Terms and Conditions for Statewide Contracts for Supplies, these Special Contract Terms and Conditions shall prevail.

TERM OF CONTRACT: The Contract shall commence on the Effective Date which shall be no earlier than 4/1/07 and expire on 3/31/08.

OPTION TO EXTEND: The Department of General Services reserves the right, upon notice to the Contractor, to extend the Contract or any part of the Contract for up to three (3) months upon the same terms and conditions. This will be utilized to prevent a lapse in Contract coverage and only for the time necessary, up to three (3) months, to enter into a new contract.

OPTION FOR SEPARATE COMPETITIVE BIDDING PROCEDURE: The Department of General Services reserves the right to purchase supplies covered under this Contract through a separate competitive bidding procedure, whenever the department deems it to be in the best interest of the Commonwealth. The right will generally be exercised only when a specific need for a large quantity of the supply exists or the price offered is significantly lower than the Contract price.

PRICE ADJUSTMENT CLAUSE: Vendors bid pricing should be based upon the closing price of shredded automobile scrap at Pittsburgh, PA. on January 26, 2007 (**\$256.00/Ton**) according to the American Metal Market Daily Newsletter. The American Metal Market Daily Newsletter will be the governing instrument for this contract. Once the contract is in force we will adjust the pricing on the last Friday of each month. This new price will cover orders placed in the upcoming month. Vendor shall invoice at the awarded line item level and then adjust the invoice up or down based upon the weight of the shipment and the differential in pricing.

DELIVERY: FOB Destination, pre-paid and allowed to any location in Pennsylvania as instructed. The delivery time shall not exceed forty five (45) calendar days after receipt of Purchase Order.

All orders over 200 pounds in weight must be loaded in such a manner as to be capable of being unloaded by fork lift. Truckload lot deliveries should be made by an open-body type truck with the materials loaded and blocked up in such a manner that all material may be unloaded from the side of the truck by a forklift.

If delivery must be made using other than open-bodied trucks, all material must be tailgated to allow unloading by a forklift.

For deliveries exceeding 10,000 lbs., the vendor or trucking company making delivery shall contact the person listed on the Purchase Order at least 20 hours before delivery to arrange for acceptance of the order.

ESTIMATED QUANTITIES: The estimated quantities that are shown are the approximate Annual Usage.

OPTION TO RENEW: The Contract or any part thereof may be renewed for four (4) additional one (1) year periods by mutual agreement between the Commonwealth and the Contractor (s). If the Contract (s) is /are renewed, the same terms and conditions apply.

LIQUIDATED DAMAGES: If any item is not delivered within the time limits specified, the delay will interfere with the proper implementation of the Commonwealth's programs utilizing the item to the loss and damage of the Commonwealth. From the nature of the case it would be impractical and extremely difficult to fix the actual damage sustained in the event of any such action. The Commonwealth and the awarded vendor, therefore, presume that in the event of any such delay the amount of damage which will be sustained from a delay will be \$150.00 for each work day that any part of the order is delayed, and they agree that in the event of any such delay, the awarded vendor shall pay such amount as liquidated damages and not as a penalty. The Commonwealth at its option for amounts due the Commonwealth as liquidated damages may deduct such from any money payable to the awarded vendor or may bill the awarded vendor as a separate item. The Commonwealth shall notify the awarded vendor in writing of any claims for liquidated damages pursuant to this paragraph before the date the Commonwealth deducts such sums from money payable to the awarded vendor.

SAMPLES: The Department of Transportation reserves the right to request samples of any item prior to the award of this bid. If requested, samples must be received at the Sign Distribution Center, Pennsylvania Department of Transportation, 21st and Herr Streets, Harrisburg PA 17120, within ten (10) days of receiving notification, verbal or otherwise, of the request to submit the samples.

POST-SUBMISSION DESCRIPTIVE LITERATURE: The Department of General Services may, during its evaluation of the bids, require any bidder to submit cuts, illustrations, drawings, prints, test data sheets, specification sheets and brochures which detail construction features, design, components, materials used, applicable dimensions and any other pertinent information which the Department of General Services may require in order to evaluate the product(s) offered. The required information must be submitted within two (2) business days after notification from the Department of General Services. Failure to submit the required information prior to the expiration of the second business day after notification shall result in the rejection of the bid as non-responsive.

INSPECTION: Shipments will be inspected upon receipt by Department personnel. The Department shall have the right to test and reject any item for non-compliance with this specification. The vendor shall replace all rejected items at his own expense, including all handling and shipping charges. In the event the number of rejected items exceeds 3% of the total shipment, the vendor shall replace the entire shipment at his own expense.

RECYCLED PRODUCTS: The Pennsylvania Department of Transportation has reviewed the specifications to eliminate discrimination against and encourage the use of recycled materials.

STEEL PRODUCTS PROCUREMENT ACT "B": The items provided under this contract must be made from steel made in the United States by the open hearth, basic oxygen, electric furnace, Bessemer or other steel making process. If a product contains both foreign and United States steel, such product shall be determined to be a United States steel product, only if at least 75% of the cost of the articles, materials and supplies have been mined, produced or manufactured, as the case may be, in the United States.

When unidentified steel products are supplied under a contract, before any payment will be made, the contractor must provide documentation including, but not limited to, invoices, bills of lading and mill certification that the steel was melted and manufactured in the United States. If a

steel product is identifiable from its face, the contractor must submit certification which satisfies the using agency that the contractor has fully complied with this provision.

The Department shall not provide for or make any payments to any person who has not complied with the Act. Any such payments made to any person by the Department which should not have been made as a result of the Act shall be recoverable directly from the contractor, subcontractor, manufacturer or supplier who did not comply with the Act.

In addition to the withholding of payments, any person who willfully violates any of the provisions of the Act shall be prohibited from submitting any bids to any public agency for a period of five (5) years from the date of the determination that a violation has occurred. In the event the person who violates the provisions of the Act is a subcontractor, manufacturer or supplier, such person shall be prohibited from performing any work or supplying any materials to a public agency for a period of five (5) years from the date of the determination that a violation has occurred.

The contractor shall include the provisions of the Steel Products Procurement Act in every subcontract and supply contract, so that the provisions of the Act shall be binding upon each subcontractor and supplier.

INQUIRIES: Direct all questions concerning this contract via e-mail to the following Commodity Specialist:

Lori Vessella – lvessella@state.pa.us

Commonwealth of Pennsylvania
Department of General Services
6th Floor Forum Place
555 Walnut Street
Harrisburg, PA 17101-1914
(717) 705-5794



All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

REPRINT Page 1 of 3
Contract No. 4600011811
Contract Original Approval Date: 04/10/2007

Purchasing Agent:
Name: Lori Vessella
Phone: 717-705-5794
Fax: 717-346-3819

Valid from/to: 04/01/2007 - 03/31/2008

Please Deliver To:

To be determined at the
time of the Purchase Order
unless specified below

Your SAP Vendor Number With Us: 183641

Supplier Name/Address:
 THE FRANKLIN INVESTMENT CORP
 DBA FRANKLIN INDUSTRIES CO
 645 ATLANTIC AVE
 FRANKLIN PA 16323-2252
 Supplier Telephone No: 814-437-3726
 Supplier Fax No.: 814-432-7556

Your Quotation: Date:
 Collective No.:
 Our Quotation: 6000133161

Payment Terms:
 NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
10	298653 POST,10 FT,2.5 LB/FT,GREEN PAINT	0.00	Each	16.34	1 Each	0.00
20	298654 POST,10 FT,2.5 LB/FT,GALVANIZED	0.00	Each	22.26	1 Each	0.00
30	298655 POST,9 FT,2.5 LB/FT,GREEN PAINT	0.00	Each	14.71	1 Each	0.00
40	298656 POST,9 FT,2.5 LB/FT,GALVANIZED	0.00	Each	20.03	1 Each	0.00

SEE LAST PAGE FOR ESTIMATED
TOTAL VALUE INFORMATION



REPRINT Page 2 of 3
Contract No. 4600011811
Contract Original Approval Date: 04/10/2007

Supplier Name:
THE FRANKLIN INVESTMENT CORP
DBA FRANKLIN INDUSTRIES CO

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
50	298658 POST,7 FT,2.5 LB/FT,GREEN PAINT	0.00	Each	11.44	1 Each	0.00
60	298659 POST,7 FT,2.5 LB/FT,GALVANIZED	0.00	Each	15.58	1 Each	0.00
70	298661 POST,4 FT,2.5 LB/FT,GREEN PAINT	0.00	Each	7.04	1 Each	0.00
80	298662 POST,4 FT,2.5 LB/FT,GALVANIZED	0.00	Each	9.40	1 Each	0.00
90	298663 POST,12 FT,4 LB/FT,GREEN PAINT	0.00	Each	31.37	1 Each	0.00
100	298664 POST,12 FT,4 LB/FT,GALVANIZED	0.00	Each	40.70	1 Each	0.00
110	298665 POST,10 FT,4 LB/FT,GREEN PAINT	0.00	Each	26.14	1 Each	0.00
120	298666 POST,10 FT,4 LB/FT,GALVANIZED	0.00	Each	33.92	1 Each	0.00
130	298667 ANCHOR,3.5 FT,2.5 LB/FT,GREEN PAINT	0.00	Each	6.16	1 Each	0.00
140	298668 ANCHOR,3.5 FT,2.5 LB/FT,GALVANIZED	0.00	Each	8.23	1 Each	0.00





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Contract No. 4600011811
Contract Original Approval Date: 04/10/2007

Supplier Name:
THE FRANKLIN INVESTMENT CORP
DBA FRANKLIN INDUSTRIES CO

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
150	298669 ANCHOR,3.5 FT,4 LB/FT,GREEN PAINT	0.00	Each	10.20	1 Each	0.00
160	298670 ANCHOR,3.5 FT,4 LB/FT,GALVANIZED	0.00	Each	12.92	1 Each	0.00
170	298671 MOUNT,FORMED CHANNEL SIGN,10 FT	0.00	Each	90.00	1 Each	0.00
180	298672 MOUNT,FORMED CHANNEL SIGN,10 IN	0.00	Each	28.00	1 Each	0.00
190	298673 NUTS,LOCKWASH,5X1 6X2.25,GR 9,200 SET/BOX	0.00	Box	140.00	1 Box	0.00
200	298674 POST,SPACER	0.00	Each	1.30	1 Each	0.00
210	298675 POST,ANCHOR,PLATE ,12"X6"	0.00	Each	2.73	1 Each	0.00
220	298676 CAP,DRIVE,MANUAL,2. 5/4 LB ,COMBINATION	0.00	Each	42.00	1 Each	0.00

General Requirements for all Items:

Header Text

CONTACT PERSON - James Young

TELEPHONE NUMBER - 814-437-3726

E-MAIL ADDRESS - jyoung@usachoice.net

No further information for this contract.

Estimated Total Value:
\$ 456,330.50
Currency: USD



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Subdivision, Authorities, Private Colleges and Universities

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Contract No. 4600011844
Contract Original Approval Date: 04/10/2007

Purchasing Agent:
Name: Lori Vessella
Phone: 717-705-5794
Fax: 717-346-3819

Valid from/to: 04/01/2007 - 03/31/2008

Please Deliver To:

To be determined at the
time of the Purchase Order
unless specified below

Your SAP Vendor Number With Us: 153639

Supplier Name/Address:

U S MUNICIPAL SUPPLY INC
 PO Box 574
 HUNTINGDON PA 16652-0574
 USA
 Supplier Telephone No: 814-627-4671
 Supplier Fax No.: 814-627-3381

Your Quotation: Date:
 Collective No.:
 Our Quotation: 6000133160

Payment Terms:
 NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
10	147705 POST,9 FT,1.75" SQ,14 GAUGE,60KSI, GALV	0.00	Each	9.44	1 Each	0.00
20	147706 POST,10 FT,1.75" SQ,14 GAUGE,60KSI,GALV	0.00	Each	11.80	1 Each	0.00
30	147707 POST,12 FT,1.75" SQ,14 GAUGE,60KSI,GALV	0.00	Each	14.16	1 Each	0.00

SEE LAST PAGE FOR ESTIMATED
TOTAL VALUE INFORMATION



REPRINT Page 2 of 4
Contract No. 4600011844
Contract Original Approval Date: 04/10/2007

Supplier Name:
U S MUNICIPAL SUPPLY INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
40	147708 POST,9 FT,2" SQ,14 GAUGE,60KSI,GALV	0.00	Each	11.04	1 Each	0.00
50	147709 POST,10 FT,2" SQ,14 GAUGE,60KSI,GALV	0.00	Each	13.80	1 Each	0.00
60	147710 POST,12 FT,2" SQ,14 GAUGE,60KSI,GALV	0.00	Each	16.56	1 Each	0.00
70	147711 POST,9 FT,2.25" SQ,14 GAUGE,60KSI,GALV	0.00	Each	15.12	1 Each	0.00
80	147712 POST,10 FT,2.25" SQ,14 GAUGE,60KSI,GALV	0.00	Each	16.80	1 Each	0.00
90	147713 POST,12 FT,2.25" SQ,14 GAUGE,60KSI,GALV	0.00	Each	20.16	1 Each	0.00
100	147714 SLEEVE,1 FT,1.5" SQ,14 GAUGE,60KSI,GALV	0.00	Each	1.04	1 Each	0.00
110	147715 SLEEVE,1 FT,1.75 SQ,14 GAUGE,60KSI,GALV	0.00	Each	1.18	1 Each	0.00
120	147716 SLEEVE,1 FT,2" SQ,14 GAUGE,60KSI,GALV	0.00	Each	1.38	1 Each	0.00





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Contract No. 4600011844
Contract Original Approval Date: 04/10/2007

Supplier Name:
U S MUNICIPAL SUPPLY INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
130	147717 POST,ANCH,3 FT,2" SQ,12 GAUGE,60KSI,GALV	0.00	Each	5.94	1 Each	0.00
140	147718 POST,ANCH,3 FT,2.25" SQ,12 GAUGE,60KSI,G	0.00	Each	6.27	1 Each	0.00
150	147719 POST,ANCH,3 FT,2.5" SQ,12 GAUGE,GALV	0.00	Each	6.99	1 Each	0.00
160	147720 SLEEVE,SQ ANCH,2.25",W/PREPU NCH HOLES	0.00	Each	3.14	1 Each	0.00
170	147721 SLEEVE,ANCH,1.5 FT,2.5" SQ,12 GAU,60 KSI	0.00	Each	3.50	1 Each	0.00
180	147722 BOLT,CORNER W/NUTS FOR 1.75"& 2" SQ ,250	0.00	Box	70.00	1 Box	0.00
190	147723 BOLT,CORNER W/NUTS FOR 2.25" SQ,250	0.00	Box	91.00	1 Box	0.00
200	147725 BOLT,NUTS,3/8 X 3",250	0.00	Box	56.25	1 Box	0.00
210	147726 BOLT,NUTS,3/8 X 3-1/2",250	0.00	Box	73.54	1 Box	0.00





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Contract No. 4600011844
Contract Original Approval Date: 04/10/2007

Supplier Name:
U S MUNICIPAL SUPPLY INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
220	147727 RIVET,DRIVE,3/8" DIA,MULTI-GRIP,250	0.00	Box	110.50	1 Box	0.00
230	147728 CAPS,DRIVE,MECH 2"	0.00	Each	101.90	1 Each	0.00
240	147729 CAPS,DRIVE,MECH 2 1/4", T 5 4	0.00	Each	114.50	1 Each	0.00
250	147730 CAPS,DRIVE,MECH 2 1/2"	0.00	Each	127.00	1 Each	0.00
260	147731 CAPS,DRIVE,MANUAL 2"	0.00	Each	60.00	1 Each	0.00
270	147732 CAPS,DRIVE,MANUAL, 2.25" T 6 4	0.00	Each	60.00	1 Each	0.00
280	147333 TRUCK,11K CRW CAB SRVY BDY STEL,MAN	0.00	Each	60.00	1 Each	0.00
290	147773 POST,9 FT,1.5" SQ,12 GAUGE,50/BUNDLE	0.00	Each	14.40	1 Each	0.00

General Requirements for all Items:

Header Text

Contact Person: Garry Wright

Telephone Number: 800-222-1980

E-Mail Address: gww@usmuni.com

No further information for this contract.

Estimated Total Value:
\$ 720,896.00
Currency: USD



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Subdivision, Authorities, Private Colleges and Universities

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Contract No. 4600011845
Contract Original Approval Date: 04/11/2007

Purchasing Agent:
Name: Lori Vessella
Phone: 717-705-5794
Fax: 717-346-3819

Valid from/to: 04/01/2007 - 03/31/2008

Please Deliver To:

To be determined at the
time of the Purchase Order
unless specified below

Your SAP Vendor Number With Us: 215259

Supplier Name/Address:

SAFER ROADS INC
 PO Box 171
 FT WALTON BEACH FL 32549-0171
 USA
 Supplier Telephone No: 978-239-5554
 Supplier Fax No.: 267-851-2820

Your Quotation: Date:
 Collective No.:
 Our Quotation: 6000133628

Payment Terms:
 NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
10	147754 BEAM,W,TYPE A441/A572,GR 50,W/BREAKAWAYS	0.00	US Pound	2.95	1 US Pound	0.00
20	147755 UNIT,BREAKAWAY,LO PROFILE,B-525LP	0.00	Each	790.00	1 Each	0.00
30	147756 UNIT,BREAKAWAY,LO PROFILE,AI4	0.00	Each	640.00	1 Each	0.00

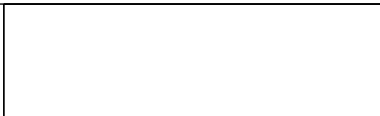
SEE LAST PAGE FOR ESTIMATED
TOTAL VALUE INFORMATION



REPRINT Page 2 of 3
Contract No. 4600011845
Contract Original Approval Date: 04/11/2007

Supplier Name:
SAFER ROADS INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
40	147757 BASE,SLIP,6" OR 8" W BEAM POST	0.00	Each	790.00	1 Each	0.00
50	147758 UNIT,BREAKAWAY,SLI P BASE PROFILE,B5255/B	0.00	Each	640.00	1 Each	0.00
60	147759 BOLTS,COUPLING,SET -4,REPLACE,SBCSBB	0.00	Each	55.00	1 Each	0.00
70	147760 COUPLING,BREAKAW AY,SET- 4,REPL,LP,SBCB1A	0.00	Each	205.00	1 Each	0.00
80	147761 COUPLING,BREAKAW AY,SET- 4,REP,REG,SBCB2A	0.00	Each	205.00	1 Each	0.00
90	147762 COUPLING,BREAKAW AY,SET-4,REP,SPCA1A	0.00	Each	155.00	1 Each	0.00
100	147763 COUPLING,BREAKAW AY,SET- 4,REP,REG,SBCA2A	0.00	Each	155.00	1 Each	0.00
110	147764 BOLTS,COUPLING,SET - 4,REPLACE,SBCSBA,A I4	0.00	Each	35.00	1 Each	0.00





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Contract No. 4600011845
Contract Original Approval Date: 04/11/2007

Supplier Name:
SAFER ROADS INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
120	147765 HINGE,BREAKAWAY,S ET- 4,PLATES,REP,SBHB2 B	0.00	Each	95.00	1 Each	0.00
130	147766 HINGE,BREAKAWAY,S ET- 4,PLATES,REP,SBHA1 B	0.00	Each	85.00	1 Each	0.00
140	147767 BEAM,S,BREAKAWAY, S4 X 7.7,TYPA36 STL MAC	0.00	US Pound	2.95	1 US Pound	0.00
150	148189 BEAM,W,BREAKAWAY ,TYPE A36 STEEL MACH	0.00	US Pound	2.95	1 US Pound	0.00
160	148190 POST,W,BREAKAWAY, L/PRO,10-12- 14",B650LP	0.00	Each	2.95	1 Each	0.00

General Requirements for all Items:

Header Text

Contact Person: Mary Hubbell

Telephone Number: 518-891-1669

E-Mail Address: maryhubbell@gmail.com

"CONTRACTOR ALLOWS COSTAR PARTICIPATION"

No further information for this contract.

Estimated Total Value:
\$ 22,168.74
Currency: USD



All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

REPRINT Page 1 of 2
Contract No. 4600011851
Contract Original Approval Date: 04/10/2007

Purchasing Agent:
Name: Lori Vessella
Phone: 717-705-5794
Fax: 717-346-3819

Valid from/to: 04/01/2007 - 03/31/2008

Please Deliver To:

To be determined at the
time of the Purchase Order
unless specified below

Your SAP Vendor Number With Us: 209224

Supplier Name/Address:
 SOUTH PENN HIGHWAY SUPPLY LLC
 PO Box 603
 NEW HOLLAND PA 17557-0603
 USA
 Supplier Telephone No: 484-336-8535
 Supplier Fax No.: 610-374-7655

Your Quotation: Date:
 Collective No.:
 Our Quotation: 6000133157

Payment Terms:
 NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
10	147768 SLEEVE,STEEL,4"X4"X 30",WOOD SIGN POST	0.00	Each	114.00	1 Each	0.00
20	147769 SLEEVE,STEEL,4"X6"X 30",WOOD SIGN POST	0.00	Each	121.75	1 Each	0.00
30	147770 SLEEVE,STEEL,6"X6"X 30",SIGN POST	0.00	Each	133.95	1 Each	0.00
40	147771 SLEEVE,STEEL,6"X8"X 30",SIGN POST	0.00	Each	148.35	1 Each	0.00

SEE LAST PAGE FOR ESTIMATED
TOTAL VALUE INFORMATION



REPRINT Page 2 of 2
Contract No. 4600011851
Contract Original Approval Date: 04/10/2007

Supplier Name:
SOUTH PENN HIGHWAY SUPPLY LLC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
------	-----------------------	---------	-----	-----------	----------	-------

General Requirements for all Items:

Contact Person: marty Rhoad

Telephone Number: 610-374-7654

E-Mail Address: rhoadllc@comcast.net

"CONTRACTOR ALLOWS COSTAR PARTICIPATION"

No further information for this contract.

Estimated Total Value:
\$ 73,775.13
Currency: USD



All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

REPRINT Page 1 of 2
Contract No. 4600011854
Contract Original Approval Date: 04/11/2007

Purchasing Agent:
Name: Lori Vessella
Phone: 717-705-5794
Fax: 717-346-3819

Valid from/to: 04/01/2007 - 03/31/2008

Please Deliver To:

To be determined at the
time of the Purchase Order
unless specified below

Your SAP Vendor Number With Us: 115729

Supplier Name/Address:

GARDEN STATE HIGHWAY
 PRODUCTS INC
 1740 E OAK RD
 VINELAND NJ 08361-2504
 Supplier Telephone No: 856-692-7572
 Supplier Fax No.: 856-692-6797

Your Quotation: Date:
 Collective No.:
 Our Quotation: 6000133158

Payment Terms:
 NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
10	147724 POST,STRINGER,8 FT,1-1/2 LB	0.00	Pack	9.79	1 Pack	0.00
20	147774 BOLT,W/NUT,STEEL,5/ 16"X2.5"ANTI THEFT	0.00	Box	41.98	1 Box	0.00
30	147775 BOLT,W/NUT,STEEL,5/ 16X3,ANTI THEFT	0.00	Box	43.96	1 Box	0.00

SEE LAST PAGE FOR ESTIMATED
TOTAL VALUE INFORMATION



REPRINT Page 2 of 2
Contract No. 4600011854
Contract Original Approval Date: 04/11/2007

Supplier Name:
GARDEN STATE HIGHWAY
PRODUCTS INC

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
40	147776 BOLT,W/NUT/WASH,A LUM,5/16X2.5,VANDAL PRF	0.00	Box	64.78	1 Box	0.00

50	147777 BOLT,W/NUT/WASH,A LUM,5/16X3,VANDAL PRF	0.00	Box	68.79	1 Box	0.00

General Requirements for all Items:

Header Text

Contact Person: Robert A. Green

Telephone Number: 856-692-7572

E-Mail Address: bob@gardenstatehwy.com

"CONTRACTOR ALLOWS COSTAR PARTICIPATION"

No further information for this contract.

Estimated Total Value:
\$ 22,084.60
Currency: USD



All using Agencies of the Commonwealth, Participating Political
Subdivision, Authorities, Private Colleges and Universities

REPRINT Page 1 of 2
Contract No. 4600011855
Contract Original Approval Date: 04/10/2007

Purchasing Agent:
Name: Lori Vessella
Phone: 717-705-5794
Fax: 717-346-3819

Valid from/to: 04/01/2007 - 03/31/2008

Please Deliver To:

To be determined at the
time of the Purchase Order
unless specified below

Your SAP Vendor Number With Us: 104227

Supplier Name/Address:
 CHEMUNG SUPPLY CORPORATION
 PO Box 527
 ELMIRA NY 14902-0527
 USA
 Supplier Telephone No: 800-733-5508
 Supplier Fax No.: 607-732-5379

Your Quotation: Date:
 Collective No.:
 Our Quotation: 6000133159

Payment Terms:
 NET 30

The Commonwealth of Pennsylvania, through the Department of General Services, accepts the submission of the Bidder/Contractor for the awarded item(s) at the price(s) set forth below in accordance with: 1) the RFQ submitted by the Bidder/Contractor, if any; 2) the documents attached to this Contract or incorporated by reference, if any, and 3) the contract terms and conditions stored on the website address at www.dgs.state.pa.us for this type of Contract as of the date of the RFQ, if any, or other solicitation for this Contract, all of which, as appropriate, are incorporated herein by reference. When the Bidder/Contractor receives an order from a Commonwealth agency, the order constitutes the Bidder/Contractor's authority to furnish the item(s) to the agency at the time(s) and place(s) specified in the order. RFQ, as used herein, means Request for Quotations, Invitation for Bids, Invitation to Qualify, or Request for Proposals, as appropriate.

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
10	304889 POST, STEEL, OUTER, 12FTX2-1/2", 10 GUAGE	0.00	Each	83.43	1 Each	0.00
20	304890 POST, STEEL, OUTER, 14FTX2-1/2", 10 GUAGE	0.00	Each	97.34	1 Each	0.00
30	304891 POST, STEEL, OUTER, 6FTX2-3/16", 10 GUAGE	0.00	Each	36.62	1 Each	0.00

SEE LAST PAGE FOR ESTIMATED
TOTAL VALUE INFORMATION



REPRINT Page 2 of 2
Contract No. 4600011855
Contract Original Approval Date: 04/10/2007

Supplier Name:
CHEMUNG SUPPLY CORPORATION

Item	Material/Service Desc	Est Qty	UOM	Net Price	Per Unit	Total
40	304892 POST, STEEL, OUTER, 7FTX2-3/16", 10 GUAGE	0.00	Each	42.72	1 Each	0.00
50	304893 ANCHOR, 2-1/4"X30"&2- 1/2"X18", STAB&HARD WA	0.00	Each	44.39	1 Each	0.00
60	304894 POST, 2- 3/16", SLIPMATE ASSEMBLY	0.00	Each	134.33	1 Each	0.00
70	304895 BOLT, UM, 3/8"X3", WITH NUT	0.00	Box	0.63	1 Box	0.00
80	304896 CLAMP, 2-1/2" SIGN BRACKET	0.00	Each	9.12	1 Each	0.00

General Requirements for all Items:

Header Text

Contact Person: Carl Perine

Telephone Number: 607-733-5506

E-mail Address: csupplycorp@stny.rr.com

"CONTRACTOR ALLOWS COSTAR PARTICIPATION"

No further information for this contract.

Estimated Total Value:
\$ 153,681.00
Currency: USD

SPECIFICATION FOR SLIPMATE SIGN SUPPORT SYSTEM

December 13, 2006

1. DESCRIPTION

This specification covers the requirements for furnishing the Slipmate breakaway sign support system.

2. GENERAL REQUIREMENTS

All items shall conform to the required shape, dimensions, and gauge as indicated on the attached drawings.

3. MATERIAL REQUIREMENTS

3.1 Sign Posts. All units shall be roll-formed conforming to ASTM A 570 or A 653, Grade 50, hot rolled carbon sheet steel, and conform with the Department's current Specification for Breakaway Steel Square Posts.

3.2 Slipmate Assembly. The top and bottom steel tubing components shall conform to ASTM A 500 Grade B. The triangular steel plates shall conform to ASTM A 572 Grade 50 with a minimum yield of 50,000 psi. The ball bearing retainer shall be fabricated from polypropylene with AISI grade 316 stainless steel ball bearings.

3.2 Bolts, Nuts and Hardware. Materials for the Slipmate breakaway assembly shall be manufactured from stainless steel, AISI grade 316; nuts shall be self-locking. All other nuts, bolts and hardware shall conform to ASTM-307.

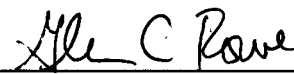
4. COATING REQUIREMENTS

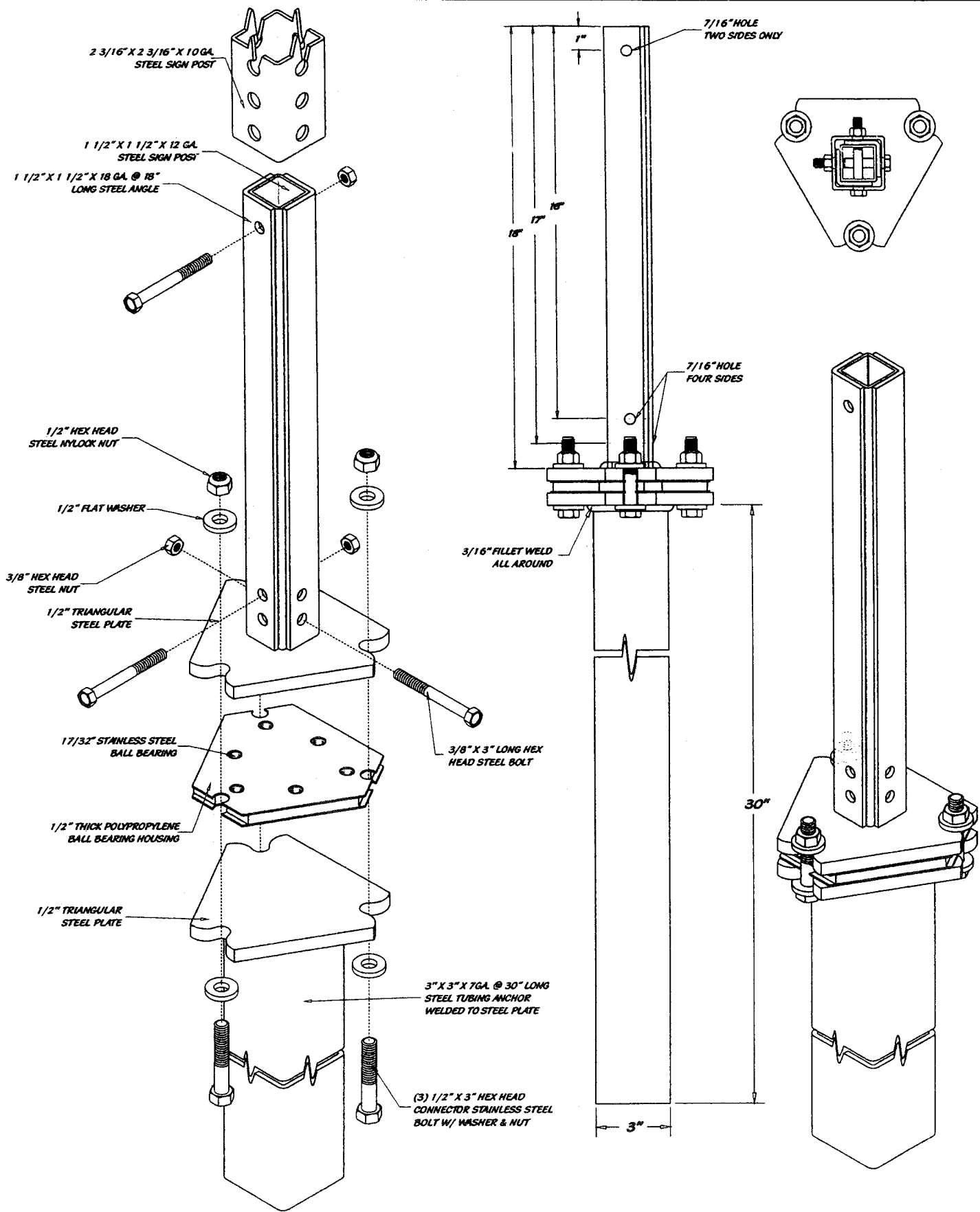
Galvanize Slipmate Assembly and associated components after fabrication in accordance with ASTM A 123. Sign posts and anchors shall be galvanized in accordance with ASTM A 653 designation G140.

5. PACKAGING

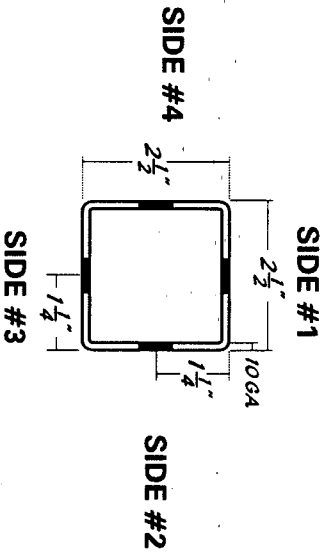
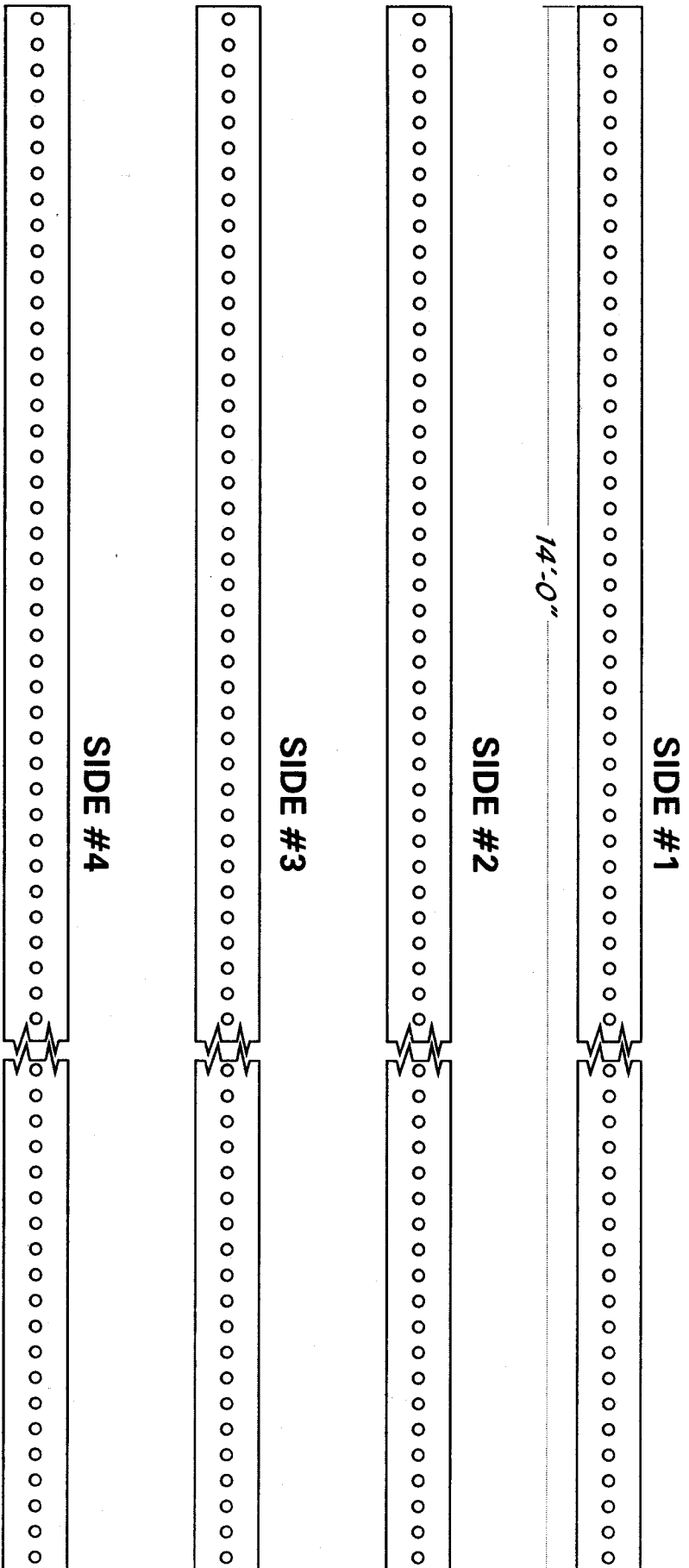
5.1 Bundling Post shall be bundled with like items together; 25/bundle. Slipmate breakaway assemblies shall be palletized with a maximum of 90/bundle.

5.2 Boxed Small parts shall be packed in boxes for shipping and clearly marked.


Glenn C. Rowe, P.E., P.T.O.E., Chief
Traffic Engineering and
Operations Division



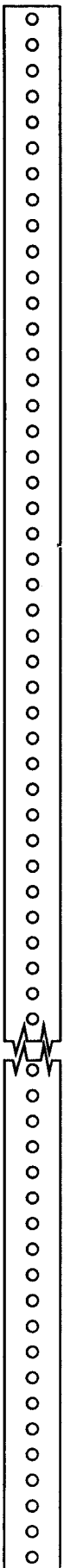
SLIPMATE ASSEMBLY ATTACHMENT 1



Attachment 2

2-1/2" - Perforated Steel Post - 14' - 10 ga (0.1382")

SIDE #1

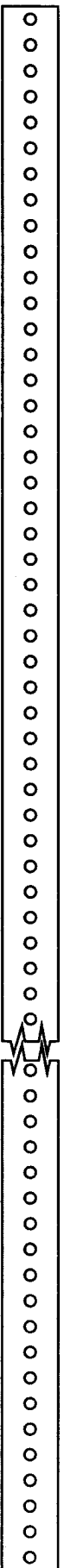


7'-0"

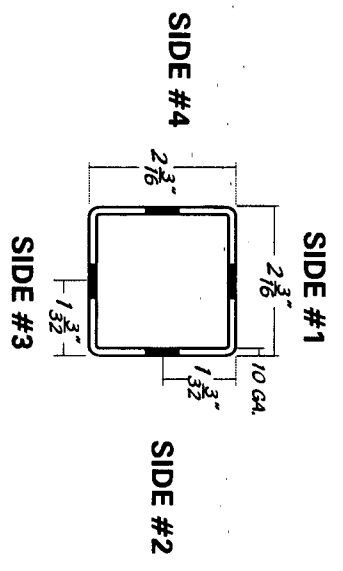
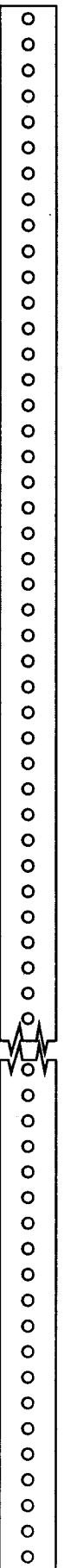
SIDE #2



SIDE #3



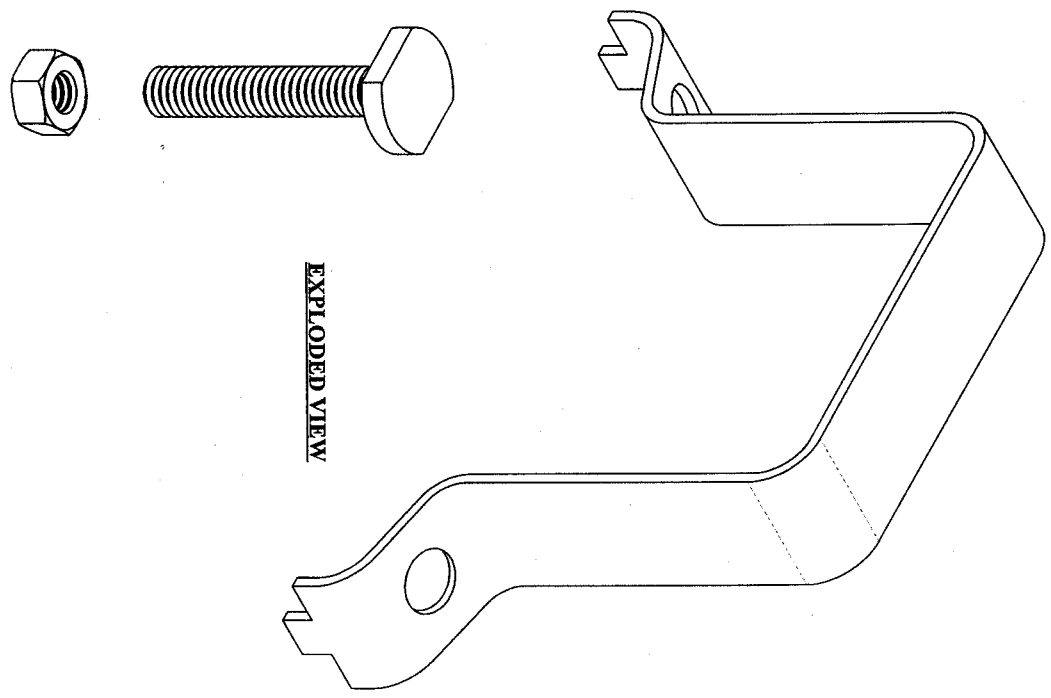
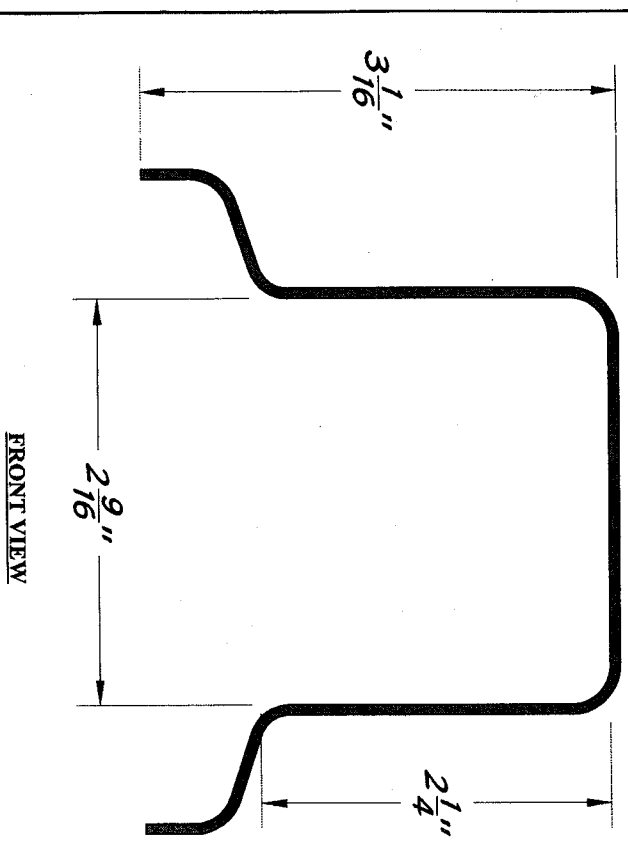
SIDE #4



Attachment 3

2-3/16" - Perforated Steel Post - 7' - 10 ga (0.1382")

ID #	DESCRIPTION	QTY. PER	QTY. TOTAL
1	2-1/2" SIGN BRACKET CLAMP	1	
2	1/4"-20 X 1-1/2" FLAT HEAD STEEL BOLT	2	
3	1/4"-20 HEX STEEL NUT	2	



2-1/2" Sign Bracket Clamp

Attachment 4

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

May 24, 1993

SPECIFICATION FOR ANTI-THEFT SIGN BOLT SYSTEM

1. DESCRIPTION

This specification covers the requirements for furnishing 5/16-inch x 2.5-inch and 5/16-inch x 3-inch steel carriage bolts with anti-theft nuts for attaching traffic signs to posts.

2. GENERAL REQUIREMENTS

2.1 Bolts. ASTM-A307, Grade A, 5/16-inch x 2.5-inch and 5/16-inch x 3-inch carriage bolts with minimum 1 1/16-inch diameter round head with square neck; 5/16-18 UNC threads to within 1-inch of head; cadmium or zinc Type 1 finish.

2.2 Nuts. 1-inch square pyramidal-shaped nuts with all four sides sloping at an angle of 41 degrees; 5/16-18 UNC threads; C-1010 cold-rolled steel case hardened to Rockwell hardness of 55 to 60; with 0.002 - 0.005 inch thick zinc with yellow chromate coating.

3. PACKAGING

100 bolts and nuts per box, clearly labeled on at least one end of box.



Arthur H. Breneman, P.E.
Chief, Traffic Engineering
and Operations Division
Bureau of Highway Safety and
Traffic Engineering

Commonwealth of Pennsylvania
Department of Transportation

SPECIFICATION FOR BREAKAWAY CHANNEL BAR POSTS

July 1, 2003

1. DESCRIPTION

This specification covers the requirements of furnishing breakaway channel bar posts.

2. GENERAL REQUIREMENTS

All items shall conform to the required shape, dimensions, and weight as indicated on the attached drawings.

3. MATERIAL REQUIREMENTS

3.1 Sign Posts and Anchor Posts. These units shall be rolled from standard carbon steel rails conforming to ASTM -A499 with a minimum yield strength of 60,000 psi, and a minimum tensile strength of 90,000 psi.

3.2 Formed-Channel Sign Mounts. These units shall be mild steel.

3.3 Spacer Nut. These units shall conform to ASTM A36.

4. COATING REQUIREMENTS

4.1 Sign Posts, Anchor Posts, Anchor Plates, and Formed-Channel Sign Mounts.

The coating shall conform to one of the following.

1. Green paint in accordance with ASTM G-53-84, Federal Color No. 595.14062.
2. Green polyester coating in accordance with current Department Specifications for Polyester Coating on Traffic Sign and Delineator Posts.
3. Hot-dipped galvanized, after fabrication, in accordance with ASTM-A123-02 as applicable.

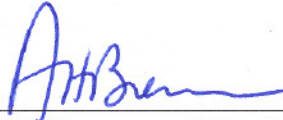
4.2 Spacers, Anchor Bolts, Lock Washers, and Nuts. These bolts, washers, and nuts shall be cadmium plated in accordance with ASTM B766-86, except using clear chromate, or shall be zinc plated in accordance with the requirements of ASTM B633-98.

5. PACKAGING

5.1 **Bundling.** The following items shall be bundled or boxed accordingly:

Sign/Anchor Posts ----- 50 per bundle
Formed-Channel Sign Mounts ----- 25 per bundle
Spacers, Anchor Bolts, Nuts, and Lock Washers --- 200 sets per box or bag

5.2 **Crating** Small parts (such as spacers, hardware in boxes or bags, drive caps, and anchor plates) shall be packed in wooden or cardboard crates for shipping. More than one item may be combined in the same crate, but crates shall not exceed 2,000 pounds in total weight. The name and quantity of each commodity contained in the crate shall be clearly marked on all four sides of the crate.



Arthur H. Breneman, P.E., Chief
Traffic Engineering and
Operations Division
Bureau of Highway Safety and
Traffic Engineering

Attachments

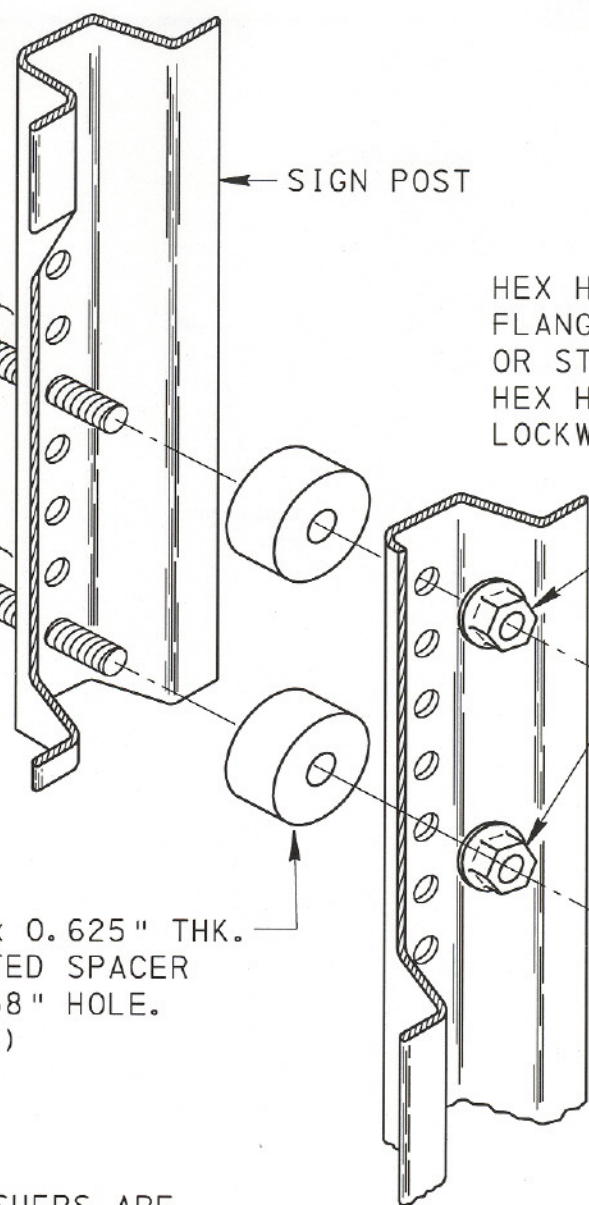
(S:\BUREAU OF HIGHWAY SAFETY AND TRAFFIC ENGINEERING\TEOD\SPCS\SIGN POST SPECS\BREAKAWAY CHANNEL BAR
POST 030701.DOC)

$\frac{5}{16}$ "-18 UNCx2.25
HEX HEAD BOLT,
FULLY THREADED,
GRADE 9.

$\frac{5}{16}$ " WASHER,
GRADE 9.
(2 REQ'D.)

1" DIA. x 0.625" THK.
ZINC PLATED SPACER
WITH 0.438" HOLE.
(2 REQ'D.)

NOTE:
BOLTS, NUTS AND WASHERS ARE
CADIUM OR ZINC PLATED FOR
CORROSION RESISTANCE.



← SIGN POST

HEX HEAD, INTEGRAL
FLANGED LOCK NUT
OR STANDARD GRADE 9
HEX HEAD NUT AND
LOCKWASHER.

← BASEPOST

BASE-BOLTED SIGN POST SYSTEM

NO SCALE

COMMONWEALTH OF PENNSYLVANIA
Department of Transportation

May 19, 1992

SPECIFICATION FOR MULTIPLE SIGNS MOUNTING STRINGERS

1. DESCRIPTION.

This specification covers the requirements for furnishing stringer posts for mounting multiple signs at a sign installation site.

2. GENERAL REQUIREMENTS.

Stringer shall conform to the typical shape, dimensions, and weight as indicated on the attached drawing.

3. MATERIAL REQUIREMENTS.

3.1 Stringer shall be rolled from standard carbon steel rails conforming to ASTM-A499 or shall be new billet steel equivalent, with a minimum yield strength of 60,000 psi and a minimum tensile strength of 90,000 psi.

3.2 Before holes are punched, the weight of the stringer shall be 1.12 pounds/foot. Permissible variation in weight is plus or minus 5 percent.

4. FABRICATION REQUIREMENTS.

4.1 Stringer shall have 3/8-inch diameter holes on 1-inch centers for the full length of the post, with the first hole one inch from the end. The bottom of the stringer post shall be level, without a point.

4.2 Stringer post length shall be 8 feet, with a tolerance of plus or minus one inch.

5. COATING REQUIREMENTS.

Coating shall conform to one of the following:

- o Green paint in accordance with ASTM G-53-84, Federal Color No. 595.14062.
- o Green polyester coating in accordance with current Department Specifications for Polyester Coating on Traffic Sign and Delineator Posts.

- o Hot-dipped galvanized, after fabrication, in accordance with ASTM-A123 as applicable.

6. PACKAGING REQUIREMENTS.

Stringers shall be banded together in bundles of 25 by use of at least two steel bands.

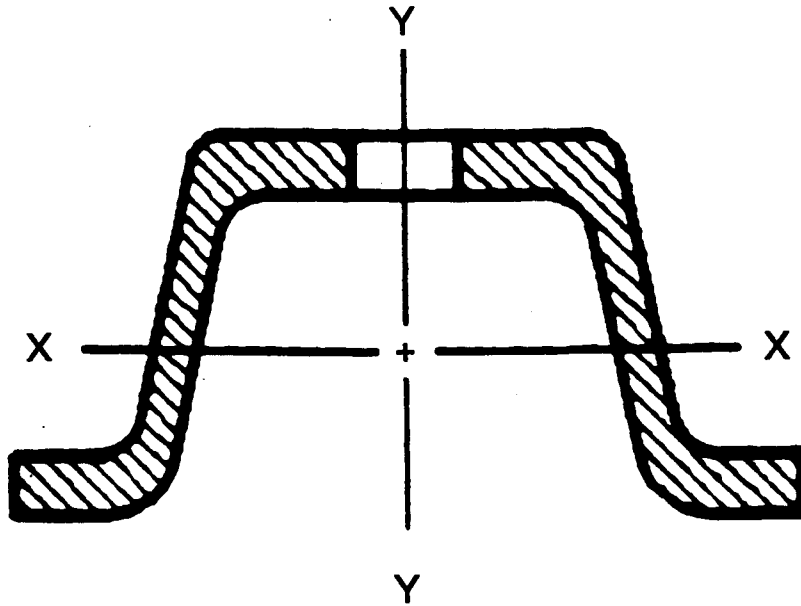


A. H. Breneman, P.E.
Chief, Traffic Engineering
and Operations Division
Bureau of Maintenance and Operations

Attachment

MULTIPLE SIGNS MOUNTING STRINGER

TYPICAL CROSS SECTION



NOMINAL WEIGHT - 1.12 lbs./ft. *

NOMINAL SECTION MODULUS - 0.078 in.³ (X-X Axis) *

* ± 5 %

Commonwealth of Pennsylvania
Department of Transportation

SPECIFICATION FOR BREAKAWAY STEEL SQUARE POSTS

October 10, 1997

1. DESCRIPTION

This specification covers the requirements for furnishing breakaway steel square posts.

2. GENERAL REQUIREMENTS

All items shall conform to the required shape, dimensions, and gauge as indicated on the attached drawings.

3. MATERIAL REQUIREMENTS

3.1 Sign Posts, Anchor Posts, Anchor Sleeves, and Splice Sleeves. All units shall be roll formed conforming to ASTM A 570 or A 653, Grade 50, hot rolled carbon sheet steel in either 12 gauge (0.105 inch) or 14 gauge (0.083 inch).

3.2 Bolts and Nuts. These units shall be ASTM-307.

4. FABRICATION REQUIREMENTS

4.1 Sign Posts, Anchor Posts, Anchor Sleeves, and Splice Sleeves. All sign posts and splice sleeves shall have 7/16-inch diameter holes or die-cut knockouts on 1-inch centers on all four sides. All anchor posts and anchor sleeves shall have 7/16-inch diameter holes on 1-inch centers on all four sides.

4.2 Auxiliary Fitting. All fittings shall have 7/16-inch diameter holes and/or lugs, 1-inch on centers.

4.3 Tolerances. Tolerances shall conform to the following:

1. Permissible variation in straightness is 1/16-inch in 3 feet.
2. Standard corner radius is 5/32-inch \pm 1/64-inch.
3. Weld flash on corner welded square tubing shall permit a 9/64-inch radius gauge to be placed in the corner.
4. Permissible tolerance on hole size is \pm 1/64-inch.
5. Permissible tolerance on hole spacing is \pm 1/8-inch in 4 feet.

6. Permissible squareness tolerances for square posts, anchors, and sleeves are ± 0.09 -inch for 1.5"; ± 0.010 -inch for 1.75"; ± 0.012 -inch for 2"; ± 0.014 -inch for 2 3/16" and 2.25"; ± 0.016 -inch for 2.5" square posts, anchors, and sleeves; and ± 0.018 -inch for 3" square anchors.

7. Permissible twist in 3 feet is 0.050-inch for 1.5"; 0.062-inch for 1.75" through 2.25" posts, anchors, and sleeves and 0.075-inch for 2.5" and 3" posts, anchors, and sleeves.

8. Consecutive size tubes 12 gauge (0.105-inch), or 14 gauge (0.083-inch), shall telescope freely for 10 feet.

5. COATING REQUIREMENTS

Galvanize or coat sign posts, anchor posts, anchor sleeves and splice sleeves by the hot-dip method both inside and out in accordance to ASTM A 653, Designation G90. A minimum coating weight of 0.90 ounce per square foot of surface area, triple-spot test, and minimum coating weight of 0.80 ounce per square foot of surface area, single-spot method is required. Welds shall be zinc coated after scarfing operation.

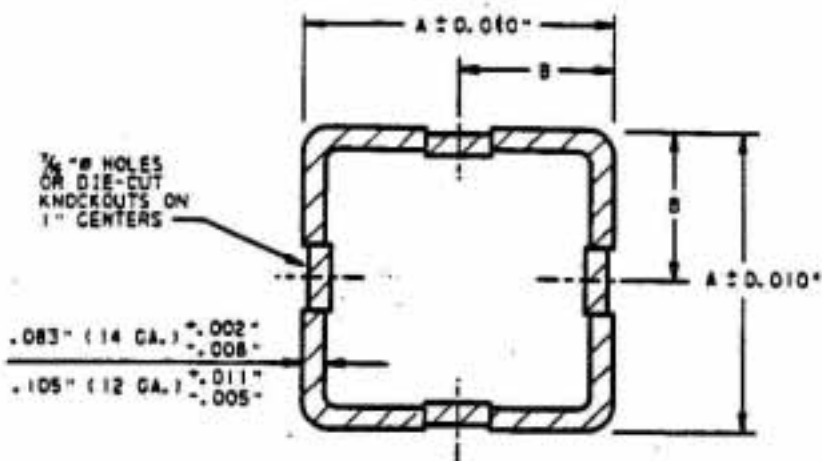
6. PACKAGING

6.1 Bundling. The following items shall be bundled or boxed accordingly:

- ◆ Sign/Anchor Posts.....25 per bundle
- ◆ Anchor/Splice Sleeves.....25 per bundle
- ◆ Bolts and Nuts.....250 sets per box or bag
- ◆ Corner Bolts and Nuts.....250 sets per box or bag
- ◆ Drive Rivets.....250 sets per box

6.2 Crating. Small parts (such as auxiliary fittings in boxes, bolts and nuts in boxes or bags, drive rivets in boxes, and drive caps) shall be packed in wooded crates for shipping. More than one item may be combined in the same crate, but crates shall not exceed 2,000 pounds in total weight. The name and quantity of each commodity contained in the crate shall be clearly marked on all four sides of the crate.

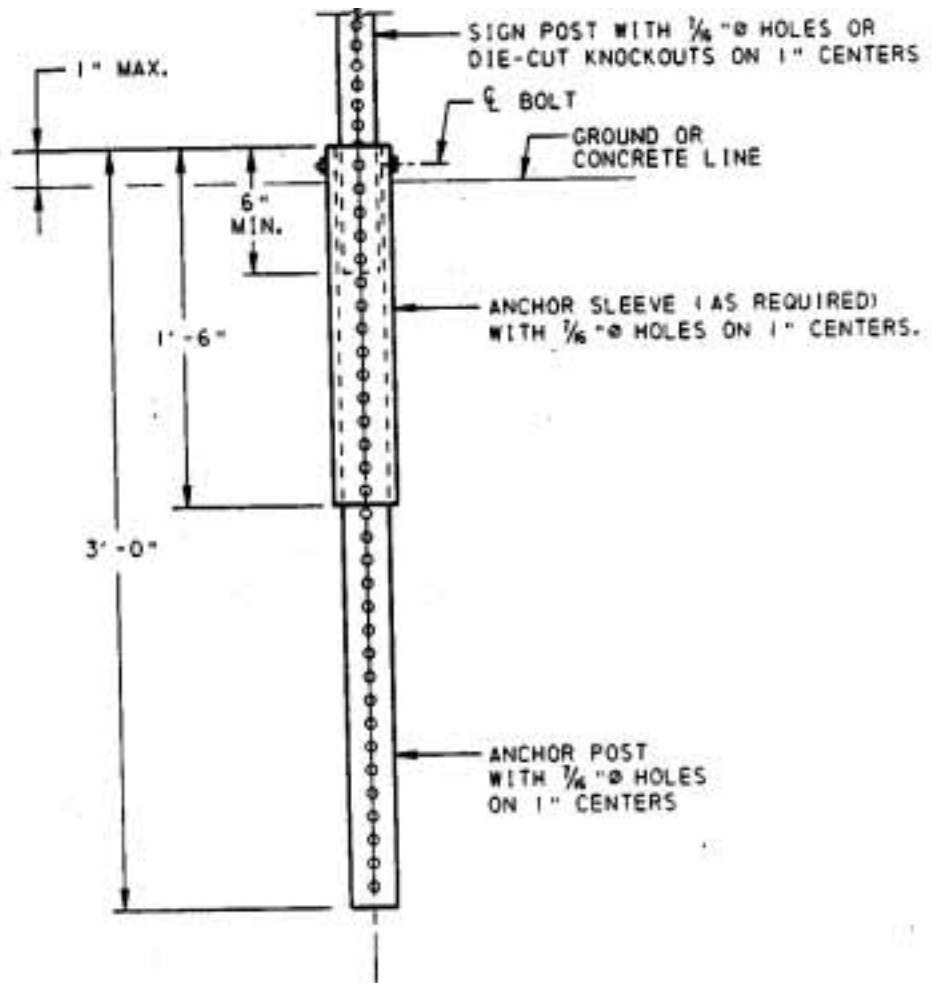
A. H. Breneman, P.E.
Chief, Traffic Engineering and
Operations Division
Bureau of Highway Safety and
Traffic Engineering



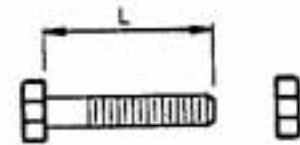
SIGN POST				ANCHOR POST				ANCHOR SLEEVE #				SPLICE SLEEVE			
SIZE	DIMENSION		GAUGE	SIZE	DIMENSION		GAUGE	SIZE	DIMENSION		GAUGE	SIZE	DIMENSION		GAUGE
	A	B			A	B			A	B			A	B	
1.75"	1 3/4"	1 1/2"	14	2.0"	2"	1"	12	2.25"	2 1/4"	1 1/2"	12	1.50"	1 1/2"	1 1/4"	14
2.0"	2"	1"	14	2.25"	2 1/4"	1 1/4"	12	2.50"	2 1/2"	1 3/4"	12	1.75"	1 3/4"	1 1/2"	14
2.25"	2 1/4"	1 1/2"	14	2.50"	2 1/2"	1 1/2"	12	3.00"	3"	1 1/2"	1 1/2"	2.00"	2"	1"	14

* ONLY REQUIRED FOR INSTALLATIONS IN CONCRETE.

STEEL SQUARE POSTS

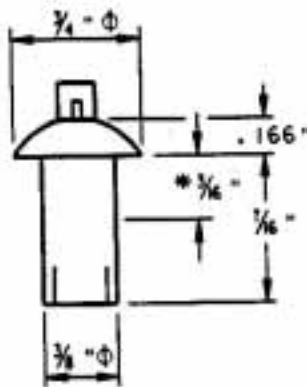
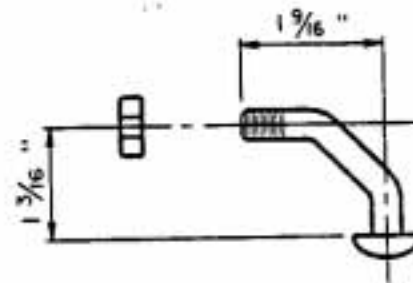
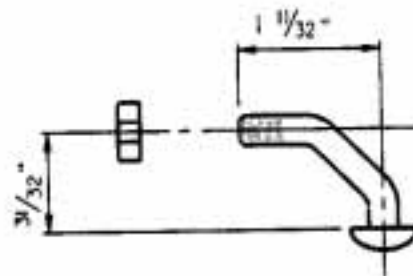


INSTALLATION DETAIL



SIGN POST SIZE	DIMENSION L
1.75"	3"
2.0"	3"
2.25"	3 1/2"
2.50"	3 1/2"

3/8" BOLTS & NUTS
CADMIUM PLATED STEEL



* NOMINAL GRIP

3/8" DRIVE RIVET
CADMIUM PLATED STEEL

5/16" CORNER BOLTS & NUTS
CADMIUM PLATED STEEL

Commonwealth of Pennsylvania
Department of Transportation

SPECIFICATION FOR STEEL SLEEVES FOR WOOD POSTS

August 15, 1994

1. SCOPE

This specification covers steel sleeves and shims for embedment in concrete foundations to facilitate the installation and removal of 4"x4", 4"x6", 6"x6", and 6"x8" wood sign posts.

2. GENERAL REQUIREMENTS

2.1 Fabrication. The sleeves shall be fabricated from 12-gauge steel galvanized in accordance with ASTM-A123, formed into a rectangular shape with internal dimensions as noted in the drawing. All corners shall be square, with maximum deviation being 1/16th inch on any side. The sleeves shall have a welded vertical corner seam.

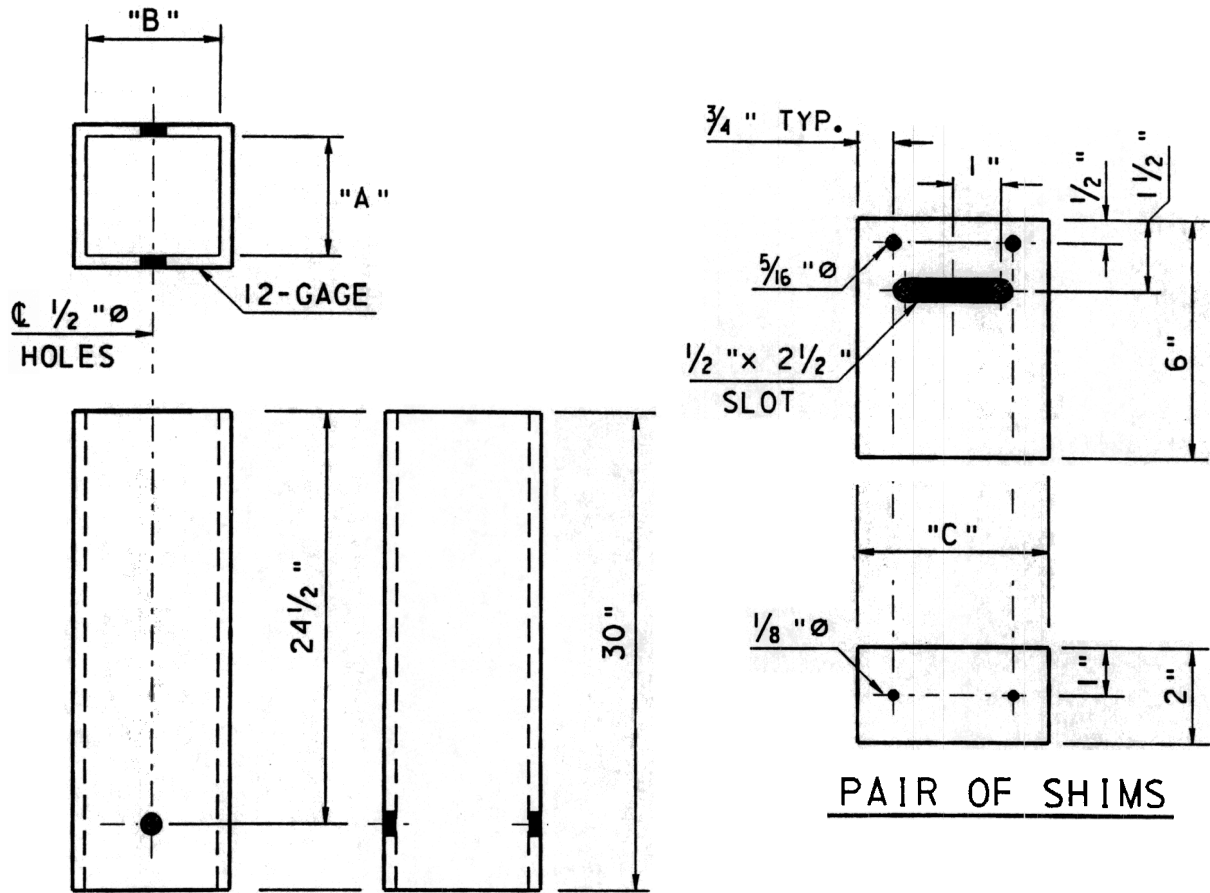
2.2 Hardware. Each sleeve shall also have the following hardware items:

- Two pairs of shims -- one pair for two adjacent sides of the wood post -- fabricated from 3/8-inch thick steel plates in accordance with the attached drawing.
- Four 1/4-inch x 1 1/2-inch long cadmium-plated steel lag screws.
- One 7/16-inch diameter cadmium-plated machine bolt with a length at least 7/8-inch longer than dimension "A" on the attached drawing. A 7/16-inch diameter, cadmium-plated nut shall also be included.

2.3 Assembly. The 7/16-inch diameter bolt shall be inserted through one of the 1/2-inch diameter holes in the sleeve, and then through the other 1/2-inch diameter hole in the opposite side of the sleeve. The nut shall be tightened.



A. H. Breneman, P.E.
Chief, Traffic Engineering and
Operations Division.



STEEL SLEEVE

NOMINAL SIZE	DIMENSIONS		
	"A"	"B"	"C"*
4 "x 4 "	4 1/8 "	4 1/8 "	3 7/8 "x 3 7/8 "
4 "x 6 "	4 1/8 "	6 "	3 7/8 "x 5 3/8 "
6 "x 6 "	6 "	6 "	5 3/8 "x 5 3/8 "
6 "x 8 "	6 "	8 "	5 3/8 "x 7 3/8 "

* ONE EACH SIZE PER POST

STEEL SLEEVES FOR WOOD POSTS

Pennsylvania Department of Transportation

**SPECIFICATION FOR TYPE A BREAKAWAY SYSTEM
WITH W AND S BEAM POSTS**

August 2, 1995

1. MATERIAL REQUIREMENTS

1.1 W Beam and S Beam Posts. Type A36 steel, or Type A441 or A572 Grade 50 steel, as specified.

1.2 Low-Profile Breakaway Units. These units shall be Transpo Industries Incorporated Type B-525-LP or B-650-LP or an approved equal. The units shall come complete with anchors, brackets, hinge plates, shims, couplings, washers, bolts, nuts, and all other items necessary for the field installation and erection on a concrete caisson or other Department approved footing.

1.3 Slip-Base Retrofit Breakaway Units. These units shall be Transpo Industries Incorporated Type B-525 (S/B) or Type B-650 (S/B), or approved equal. The units shall come complete with retrofit plate, brackets, hinge plates, shims, couplings, washers, bolts, nuts, and any other items necessary for the field retrofit on existing slipbase post stubs. The brackets shall be Bracket #1, #2, or #3 as specified.

1.4 Breakaway Unit Accessories.

1.4.1 Brackets. Brackets shall be Transpo Industries Type B-525-LP or B-650-LP System and shall be stamped #1, #2, #3, as specified.

1.4.2 Template Jig Hardware. Any necessary hardware required for use with a template jig for spacing and alignment of the anchors shall be provided.

1.4.3 Coupling Bolts. These bolts shall be Transpo Industries, Incorporated, Part # SBCSBB or SBCSBA, as specified. 1-8UNC threads, ASTM-A325, galvanize in accordance with ASTM B-695.

1.4.4 Breakaway Couplings. Transpo Industries, Incorporated Part #SDCB1B, SBCB2B, SBCA1B or

SBCA2B, as specified. AMS 6378D alloy steel galvanized in accordance with ASTM-A153.

-1-

1.4.5 **Hinge Plates.** Transpo Industries, Incorporated Part # SBHB1B or SBHB2B or equivalent, as specified. Galvanize in accordance with ASTM-A123.

2. **FABRICATION**

2.1 **Cutting and Drilling.** W beam or S beam posts shall be cut to proper length and shall have holes drilled for brackets and hinge plates prior to galvanizing.

2.2 **Carbon Content.** A certification or statement showing the carbon content of the W or S beam shall be furnished.

2.3 **Galvanization.** In accordance with ASTM-A120, B633, B695, A392, ASTM-B454, AASHTO-M111 (ASTM-A123), or AASHTO-M-232 (ASTM-A153), as applicable.

2.4 **Identification.** The top and bottom sections of all posts shall be clearly identified to ensure the proper combination and orientation of posts for field erection.

3. **SHIPMENT**

Complete installation instructions shall be included with each shipment of breakaway hardware.

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

August 29, 2003

SPECIFICATION FOR VANDAL-PROOF
SIGN BOLT SYSTEM

1. DESCRIPTION

This specification covers the requirements for furnishing 5/16-inch x 2.5-inch (M8 x 1.25 x 65) and 5/16-inch x 3-inch (M8 x 1.25 x 80) one-way aluminum bolts with breakaway nuts for attaching traffic signs to posts.

2. GENERAL REQUIREMENTS

2.1 BOLTS. Plain 2024-T4 Aluminum 5/16-inch x 2.5-inch (M8 x 1.25 x 65) and 5/16-inch x 3-inch (M8 x 1.25 x 80) bolts with minimum 9/16-inch (14.3 mm) diameter one-way heads and 5/16-18 (M8 x 1.25) UNC-threads to within 1-inch (25 mm) of head.

2.2 NUTS. Plain 5/8-inch - 2011-T3 Aluminum double-chamfered hexagon nuts combined with self-locking conical shape 9/16 (14.3 mm) - 3/8-inch (9.5 mm) by 3/16-inch (5 mm) unit under the nut with 5/16-18 UNC (M8 x 1.25) threads. The hexagon portion should break away from the self-locking unit with 40 (4.5 N•m) to 80 inch-pounds (9 N•m) of torque.

2.3 WASHERS. Units shall be nylon, 1/8-inch (3.2 mm) thick by 1-inch (25 mm) minimum outside diameter. Maximum allowable applied torque shall be 480 inch-pounds (54 N•m).

3. PACKAGING

100 bolts and nuts per box, clearly labeled on at least one end of box.



Arthur H. Breneman, P.E.
Chief, Traffic Engineering and
Operations Division
Bureau of Highway Safety and
Traffic Engineering

Contract Reference Number: 9550-10
Collective Number: CN00025210
SAP Contract Number:
4600011811
4600011844
4600011845
4600011851
4600011854
4600011855
Change Number: 1
Change Effective Date : 04/27/2007

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG

For: All Using Agencies of the Commonwealth
Subject: Posts and Accessories
Contract Period: Effective date of April 1, 2007 and Expiration date of March 31, 2008
Commodity Specialist: Lori Vessella/YG2 – 717-705-5794 or LVessella@state.pa.us

PRICE ADJUSTMENT

The updated pricing according to the American Metal Market Daily Newsletter for the month of May, 2007 shall be \$335.00 per ton, a difference of \$79.00 from the base price of the contract which was \$256.00 per ton.

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORIGINALLY WRITTEN.

Contract Reference Number: 9550-10
Collective Number: CN00025210
SAP Contract Number:
4600011844
Change Number: 2
Change Effective Date : 05/01/2007

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG

For: All Using Agencies of the Commonwealth
Subject: Posts and Accessories
Contract Period: Effective date of April 1, 2007 and Expiration date of March 31, 2008
Commodity Specialist: Lori Vessella/YG2 – 717-705-5794 or LVessella@state.pa.us

LINE ITEM CORRECTION

The contract shows Line item 280 as material number **147333** with a description of **TRUCK, 11K CRW CAB SRVY BDY STEL, MAN**

Line item 280 has been deleted and the new Line item 300 --- The material number is **147733** – **CAPS, DRIVE MANUAL,2.5”,T 6 4**

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORGINALLY WRITTEN.

Contract Reference Number: 9550-10
Collective Number: CN00025210
SAP Contract Number:
4600011811
4600011844
4600011845
4600011851
4600011854
4600011855
Change Number: 3
Change Effective Date : 06/01/2007

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG

For: All Using Agencies of the Commonwealth
Subject: Posts and Accessories
Contract Period: Effective date of April 1, 2007 and Expiration date of March 31, 2008
Commodity Specialist: Lori Vessella/YG2 – 717-705-5794 or LVessella@state.pa.us

PRICE ADJUSTMENT

The updated pricing according to the American Metal Market Daily Newsletter for the month of June, 2007 shall be \$260.00 per ton, an increase of \$4.00 from the base price of the contract which was \$256.00 per ton.

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORIGINALLY WRITTEN.

Contract Reference Number: 9550-10
Collective Number: CN00025210
SAP Contract Number:
4600011811
4600011844
4600011845
4600011851
4600011854
4600011855
Change Number: 4
Change Effective Date : 07/01/2007

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG

For: All Using Agencies of the Commonwealth
Subject: Posts and Accessories
Contract Period: Effective date of April 1, 2007 and Expiration date of March 31, 2008
Commodity Specialist: Lori Vessella/YG2 – 717-705-5794 or LVessella@state.pa.us

PRICE ADJUSTMENT

The updated pricing according to the American Metal Market Daily Newsletter for the month of July, 2007 shall be \$265.00 per ton, an increase of \$9.00 from the base price of the contract which was \$256.00 per ton.

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORIGINALLY WRITTEN.

Contract Reference Number: 9550-10
Collective Number: CN00025210
SAP Contract Number:
4600011811
4600011844
4600011845
4600011851
4600011854
4600011855
Change Number: 5
Change Effective Date : 08/01/2007

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG

For: All Using Agencies of the Commonwealth
Subject: Posts and Accessories
Contract Period: Effective date of April 1, 2007 and Expiration date of March 31, 2008
Commodity Specialist: Lori Vessella/YG2 – 717-705-5794 or LVessella@state.pa.us

PRICE ADJUSTMENT

The updated pricing according to the American Metal Market Daily Newsletter for the month of August, 2007 shall be \$265.00 per ton, an increase of \$9.00 from the base price of the contract which was \$256.00 per ton.

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORGINALLY WRITTEN.

Contract Reference Number: 9550-10
Collective Number: CN00025210
SAP Contract Number:
4600011811
4600011844
4600011845
4600011851
4600011854
4600011855
Change Number: 6
Change Effective Date : 09/01/2007

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG

For: All Using Agencies of the Commonwealth
Subject: Posts and Accessories
Contract Period: Effective date of April 1, 2007 and Expiration date of March 31, 2008
Commodity Specialist: Lori Vessella/YG2 – 717-705-5794 or LVessella@state.pa.us

PRICE ADJUSTMENT

The updated pricing according to the American Metal Market Daily Newsletter for the month of September, 2007 shall be \$285.00 per ton, an increase of \$29.00 per ton, from the base price of the contract which was \$256.00 per ton.

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORIGINALLY WRITTEN.

Contract Reference Number: 9550-10
Collective Number: CN00025210
SAP Contract Number:
4600011811
4600011844
4600011845
4600011851
4600011854
4600011855
Change Number: 7
Change Effective Date : 10/01/2007

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF GENERAL SERVICES
HARRISBURG

For: All Using Agencies of the Commonwealth
Subject: Posts and Accessories
Contract Period: Effective date of April 1, 2007 and Expiration date of March 31, 2008
Commodity Specialist: Lori Vessella/YG2 – 717-705-5794 or LVessella@state.pa.us

PRICE ADJUSTMENT

The updated pricing according to the American Metal Market Daily Newsletter for the month of October, 2007 shall be \$298.00 per ton, an increase of \$42.00 per ton, from the base price of the contract which was \$256.00 per ton.

ALL OTHER TERMS AND CONDITIONS OF THIS AGREEMENT NOT CHANGED BY THIS CHANGE NOTICE REMAIN AS ORIGINALLY WRITTEN.