

**PUBLIC WORKS DEPARTMENT
FRANK M. ABART
DIRECTOR**



TR-100201-AF
**ENGINEERING SERVICES
JOSEPH P. RUTAN, P.E.**
County Engineer/Assistant Director
5280 Northwest Dr.
Bellingham, WA 98225-4052
Phone: (360) 715-7450
Fax: (360) 715-7451

January 28, 2010

Kathy Hunter, Deputy Assistant Director
Washington Utilities and Transportation Commission
1300 S. Evergreen Park Drive SW
PO Box 47250
Olympia, WA 98504-7250

Attention: Grade Crossing Protective Fund

Dear Ms. Hunter:

Attached is Whatcom County's *Grade Crossing Protective Fund* grant application for the amount of \$1,213.73.

If there is any additional information that you need, please contact Dave Hower, our contact person for this application at 360-676-6730.

Sincerely,

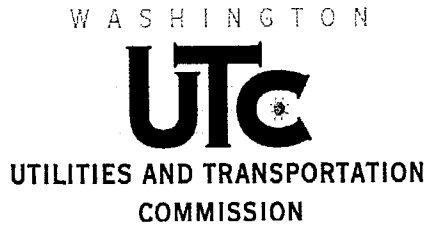
For
Joseph P. Rutan, P.E.
County Engineer

JPR/dh

Cc: Mike Donahue
Jim Karcher

Attachment

RECEIVED
FEB 01 2010
WASH. UT. & TP. COMM



1300 S. Evergreen Park Drive SW
PO Box 47250
Olympia, WA 98504-7250
(360)664-1257 or (360)664-1100
Fax: (360)586-1150
Web: www.wutc.wa.gov
E-mail: records@utc.wa.gov

**GRADE CROSSING PROTECTIVE FUND
2009 – 2011 GRANT APPLICATION
OPEN CALL FOR PROJECTS**

The Washington Utilities and Transportation Commission (commission), through its Grade Crossing Protective Fund (GCPF), provides grants for projects that eliminate or mitigate public safety hazards at railroad crossings and along railroad rights-of-way in Washington State. Any public, private or non-profit entity may submit an application to the commission for a GCPF grant.

To apply for a grant to eliminate or mitigate a public safety hazard at a railroad crossing or along a railroad right-of-way, complete the following information and submit it and attachments to the commission.

Applicant Information

Applicant Name: Joseph P. Rutan, P.E., County Engineer
Organization: Whatcom County Public Works Department
Address: 2011 Young Street, Suite 201, Bellingham, WA 98225
Phone: 360-715-7450
E-mail: jrutan@co.whatcom.wa.us
Fax: 360-715-7451

Whatcom County Contact:

Dave Hower, Engineering Technician
Whatcom County Engineering
5280 Northwest Drive, Suite 'C'
Bellingham, WA 98226

360-676-6730, FAX 360-676-6558
dhower@co.whatcom.wa.us

Project Information

Attach additional sheets as necessary to the application that provide the following:

1. A detailed summary of the hazard being addressed. Include any information about accidents or incidents at the site and photographs, drawings or other materials that support the application.

There have been four incidents of motorists driving around gates reported during the last two years. Three incidents occurred during the month of January 2008, and one in March 2007.

According to the Federal Railroad Administration and UTC inventory up to 13 trains travel across this crossing on a daily basis at speeds up to 79 miles per her. Both freight and passenger (AMTRAK) utilize the tracks. There are two tracks at the crossing, one mainline and one siding track.

The stakeholders¹ had additional discussion about the risky motorist behavior at the crossing and the narrow width of the roadway, 16 feet. Todd reviewed recent reports and indicated that in April 2008, a locomotive engineer reported another incidence of a motorist driving around the gates. There have been no additional incidents, as of October 2009, at this crossing.

Stakeholders¹

BNSF Railway

Todd Kuhn, Manager Public Projects
2454 Occidental Avenue South, Suite 1A
Seattle, WA 98134
E-mail: todd.kuhn@bnsf.com
Telephone: (360) 625-6146

Utilities and Transportation Commission (UTC)

Kathy Hunter, Deputy Assistant Director, Transportation Safety
PO Box 47250
Olympia, WA 98504-7250
E-mail: khunter@utc.wa.gov
Telephone: (360) 664-1257

Whatcom County

Dave Hower, Engineering Technician, Whatcom County Engineering
5280 Northwest Drive, Suite C
Bellingham, WA 98226
E-mail: dhower@co.whatcom.wa.us
Telephone: (360) 676-6730

2. A detailed summary of the proposed project and how it will eliminate or mitigate the hazard. Include any drawings or construction plans for the proposed project.

The project will consist of installing centerline tubular markers on each side of the crossing to reduce the number of vehicles from driving around a closed gate.

See attached drawings.

3. A list all other companies, organizations, state agencies or local governments that may be involved in implementing this proposal and the contact name, address and phone number for each (if known).

BNSF Railway

Todd Kuhn, Manager Public Projects
2454 Occidental Avenue South, Suite 1A
Seattle, WA 98134
E-mail: todd.kuhn@bnsf.com
Telephone: (360) 625-6146

Utilities and Transportation Commission (UTC)

Kathy Hunter, Deputy Assistant Director, Transportation Safety
PO Box 47250
Olympia, WA 98504-7250
E-mail: khunter@utc.wa.gov
Telephone: (360) 664-1257

4. A cost estimate, including:
 - a. An itemized list of the total costs of the project.
 - b. Names of parties contributing to the project, including the applicant, and the amount each is contributing.

See attached quotation for the tubular makers and adhesive pads, which is the grant amount requested. Installation and maintenance will be performed by Whatcom County Maintenance and Operations personnel and is not included in the grant request.

5. The name of the party responsible for long-term maintenance, such as repair of fencing.

Whatcom County Maintenance and Operations

6. An estimated timeline of the project.

May or June 2010

7. A description of how the project's success would be measured.

As stated in the summary, the reports of vehicles driving around closed gates have been with the BNSF railroad, the success will be the elimination or reduction of this reported vehicle action.

8. Any other information the applicant believes would be useful to the commission in considering the project.

Railroad Commitment

If the applicant is not the railroad owning the crossing or on the tracks, the applicant must submit the attached completed Railroad Commitment form, completed by the railroad owning the crossing.

Submitting the Application

After completing the application, please send the original to:
Washington Utilities and Transportation Commission
Attention: Grade Crossing Protective Fund
1300 S. Evergreen Park Drive SW
PO Box 47250
Olympia, WA 98504-7250

A signed application may be filed electronically at records@utc.wa.gov. When filing electronically, please specify "Grade Crossing Protective Fund" in the subject line.

Assistance

For questions or assistance, please contact:

- Kathy Hunter at (360)664-1257 or by e-mail at khunter@utc.wa.gov
- David Pratt at (360)664-1100 or by e-mail at dpratt@utc.wa.gov

Railroad Commitment

The undersigned represents the Railroad Company in the accompanying GCPF application.

We have reviewed the application and are satisfied the conditions are the same as described by the applicant in this matter. We agree to allow construction, modification or demolition on a railroad right-of-way as described in the application.

Printed name of Railroad Representative

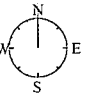
Signature of Railroad Representative

Title

Phone

E-mail

Date: _____



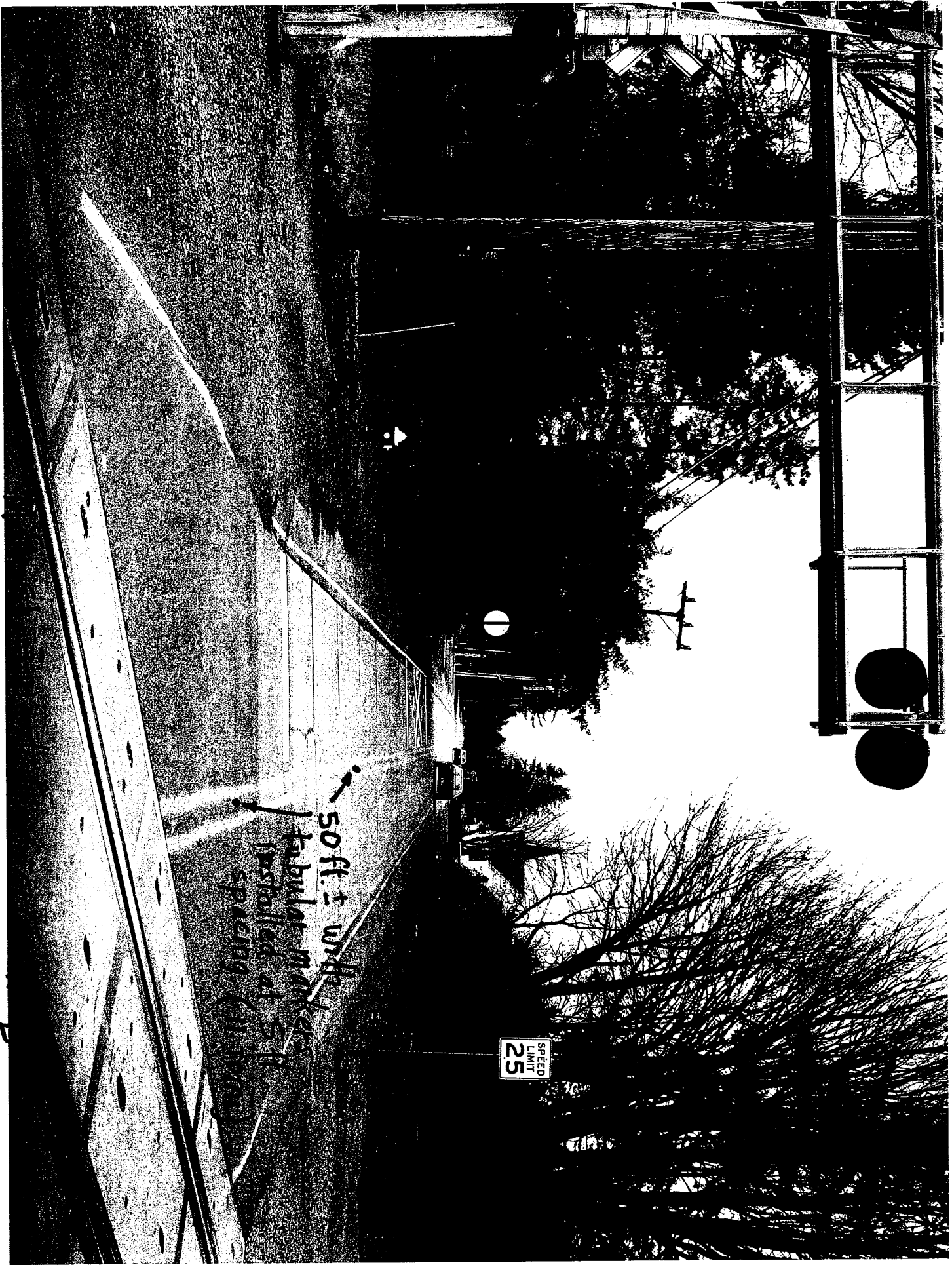
Whatcom County



Copyright ©2007 Pictometry International Corp

Scale: 1 inch = 76.8 feet





50 ft. ± width
tabular markers
installed at 5 ft
spacing (1000000)

SPEED
LIMIT
25



TRAFFIC SAFETY SUPPLY CO., INC

2324 SE UMATILLA ST.
PORTLAND OR 97202-7495
503 235-8531
800-547-8518
FAX# 503-235-5112

QUOTATION

QUOTE#: 925818
DATE: 01/28/2010
TERMS: NET 30 DAYS
FREIGHT: FOB: BELLINGHA

email: sales@tssco.com

CONTACT NAME DAVID HOWER 2358
Billed To: WHATCOM COUNTY
311 GRAND AVE
BELLINGHAM WA 98225

Project:

QUOTE ENDS: 30 DAYS
PHONE # 360-676-6730
FAX # 360 384-5279

<u>PART #</u>	<u>QTY</u>	<u>SIZE</u>	<u>ITEM</u>	<u>BID</u>	<u>U/M</u>
12002601	32.000	36"	DURA-POST (YELLOW) W/2 - 3" YEL BANDS W/BASE	\$28.30	EA
13709530	1.000	BOX/80PCS	PREMARK, SUPER BUNDY ADHESIVE, 8"x8"	\$137.70	EA
			SUB-TOTAL	\$1,043.30	
	1.000		FREIGHT CHARGE	\$75.35	
			TAX	\$95.08	
			TOTAL	\$1,213.73	

All material used in this contract is guaranteed to be as specified, and the entire job is to be done in a neat and workmanlike manner. Any deviation or alteration from the specification herein agreed upon involving extra cost of labor and/or materials will be accepted only upon a written order or instructions, and will become an extra charge over costs as mentioned in this contract.

TRAFFIC SAFETY SUPPLY CO., INC.

TAMMY

SURFACE MOUNTED DELINEATORS

HOME

PRODUCTS

THE CHANNELIZER

Surface-Mounted, Impact-Resilient Delineator

This surface mounted channelizer is specifically designed for temporary applications such as construction zones where multi-impact resistance and ease of replacement is of utmost importance. With the Channelizer, installation and replacement is simple and minimizes worker's exposure time in dangerous traffic. The Channelizer transfers the stress from impacts to the base, allowing the plastic polymer tube to sustain less damage. It meets or exceeds all state specifications for two-way, two-lane delineators. Available in a flat style that permits vertical sheeting or a round style for applications requiring 360 degrees visibility. Colors: White, Yellow, Orange



Related Links:

Inground Delineators

Adhesives

Pavement & Parking Lot Supplies

SIZE	COLOR	PART NUMBER
------	-------	-------------

CHANNELIZER WITH BASE (SPECIFY SIZE)

36"	YELLOW W/1 REFLECTIVE BAND	#12000400
36"	YELLOW W/2 REFLECTIVE BANDS	#12000401
36"	WHITE W/1 REFLECTIVE BAND	#12000402
36"	WHITE W/2 REFLECTIVE BANDS	#12000403
36"	ORANGE W/1 REFLECTIVE BAND	#12000404
36"	ORANGE W/2 REFLECTIVE BANDS	#12000405

ALSO AVAILABLE IN 18", 24", 30", 42", 48"

SUPER DUCK WITH BASE

36"	WHITE W/2 REFLECTIVE BANDS	#12000210
36"	WHITE W/1 REFLECTIVE BAND	#12000220
36"	YELLOW W/1 REFLECTIVE BAND	#12000240
36"	YELLOW W/2 REFLECTIVE BANDS	#12000245
36"	ORANGE W/1 REFLECTIVE BAND	#12000260
36"	ORANGE W/2 REFLECTIVE BANDS	#12000265

DURA-POST 36" WITH BASE

36"	WHITE W/3" WHITE BAND	#12002500
36"	WHITE W/2-3" WHITE BANDS	#12002600
36"	YELLOW W/3" YELLOW BAND	#12002501
36"	YELLOW W/2-3" YELLOW BANDS	#12002601
36"	ORANGE W/3" WHITE BAND	#12002503
36"	ORANGE W/2-3" WHITE BANDS	#12002505
36"	ORANGE W/2-3" ORANGE BANDS	#12002602
36"	BLUE W/2-3" BLUE BANDS	#12002731

SUPER DUCK

Island Markings, Channelization, Parking Lots, Medians

The Super Duck is a flexible, surface mounted delineator capable of withstanding numerous vehicle impacts due to the unique support rod design that transfers the stress from an impact into the flexible boot. The delineation devices allow for a variety of applications: construction hazards, concrete islands, medians, and parking.

Colors: White, Yellow, Orange
Length: 36"



DURA-POST®

For delineation of traffic islands, entryways or wherever special markers are needed. Durable, flexible, and able to withstand the abuse at intersections and heavy traffic areas.

Colors: White, Yellow, Orange, Blue
Length: 36"



503.235.8531 / fax 503.235.5112 / sales@tssco.com
www.tssco.com

TRAFFIC SAFETY SUPPLY
COMPANY

ADHESIVES

HOME

PRODUCTS

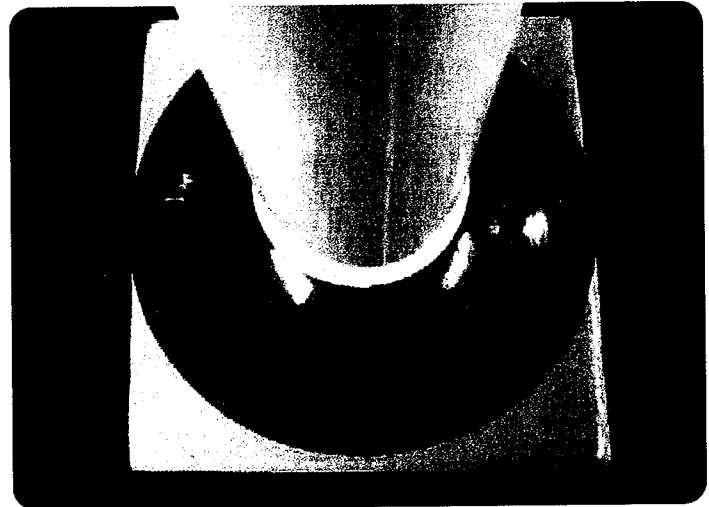
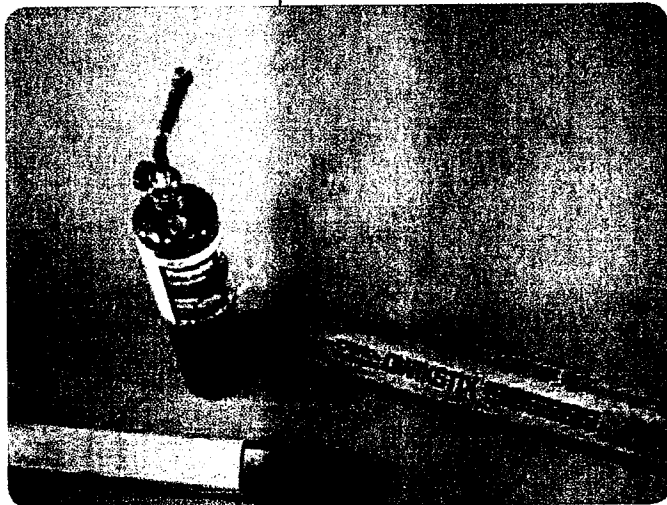


EPOXY ADHESIVE – EAS-6 STANDARD SET TYPE

Mix ratio: 1 to 1
 Each 2 gallon Kit permits installation of approximately:
 200 ea. – 4"x4" Reflective markers
 400 ea. – 4" diameter Non-Reflective buttons
 2 Quart Kit (1qt. Part A & 1qt. Part B) #60001
 2 Gallon Kit (1gal. Part A & 1gal. Part B) #60002
 10 Gallon Kit (5 gal. Part A & 5 gal. Part B) #60003

BITUMINOUS BUTTON ADHESIVE IN 50 LBS. CUBE

Sufficient to install approximately:
 150 ea. – 4" x 4" Reflective markers
 300 ea. – 4" diameter Non-Reflective buttons
 #13000200



Related Links:

Pavement and Parking Lot
 Pavement Markers
 Delineators

QWIK STIX BITUMINOUS BUTTON ADHESIVE

To be melted with propane torch for small quantity installation. Yields approximately 15 buttons per stick.

Stick #16300200
 Case (6 Sticks) #16300100

SUPER BUNDY ADHESIVE PADS

Torch down adhesive is used for surface mounted delineator posts, parking blocks or other horizontal objects.

- Exceptional bond
- No temperature restrictions
- Preformed shape – no waste – no mixing
- Extremely flexible after set up

Compatible surfaces: Asphalt, concrete, metal, and wood. No sealer required. 8"x 8"

Gray #13709505

BUNDY ADHESIVE PADS

Torch down adhesive is used for raised pavement marker adhesive.

- Exceptional bond
- No temperature restrictions
- Preformed shape – no waste – no mixing
- Easy application

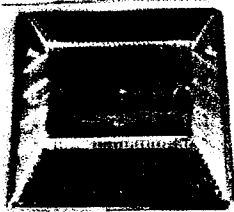
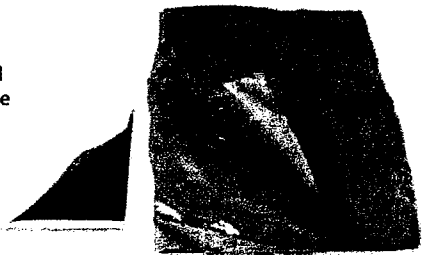
Compatible surfaces: Asphalt, concrete and brick. Use sealer on concrete. 5"x 5"

Black #13709503
 Blue #13709500
 White #13709501
 Yellow #13709502

BUTYL PAD

Pressure sensitive, self adhesive pad capable of securing the plastic base of a delineator post to asphalt or concrete. The pad retains the base post to the road surface during repeated impacts from typical passenger vehicles.

4"x 4" #12000002
 8"x 8" #12000001



TRAFFIC SAFETY SUPPLY
 COMPANY

503.235.8531 / fax 503.235.5112 / sales@tssco.com
 www.tssco.com