



INVITATION TO BID NO: 09-R-2208523

STATE OF ALABAMA  
DEPARTMENT OF FINANCE  
DIVISION OF PURCHASING

REQ. AGENCY : 012063  
ALA DEPT OF TRANS MAINT BUREAU  
AGENCY REQ. NO. : G13-903739  
T-NUMBER :  
DATE ISSUED : 07/16/09  
VENDOR NO. :  
VENDOR PHONE NO. :  
SNAP REQ. NO. : 1420510  
BUYER NAME : CRIST WATTS

INVITATION TO BID

FOR: BEAM POST

BUYER PHONE NO. : (334) 242-4291-  
PURCHASING PHONE NO: (334) 242-7250

BID MUST BE RECEIVED BEFORE:  
DATE: 08/12/09 TIME: 5:00 PM

BIDS WILL BE PUBLICLY OPENED:  
DATE: 08/13/09 TIME: 10:00 AM

TO BE COMPLETED BY VENDOR

INFORMATION IN THIS SECTION SHOULD BE PROVIDED, AS APPROPRIATE. BID RESPONSE MUST BE IN INK OR TYPED WITH ORIGINAL SIGNATURE AND NOTARIZATION.

1. DELIVERY: CAN BE MADE \_\_\_\_\_ DAYS OR \_\_\_\_\_ WEEKS AFTER RECEIPT OF ORDER
  2. TERMS: \_\_\_\_\_(DISCOUNTS ARE TAKEN WITHOUT REGARD TO DATE OF PAYMENT.)
  3. PRICE VALID FOR ACCEPTANCE WITHIN \_\_\_\_\_ DAYS.
  4. VENDOR QUOTATION REFERENCE NUMBER, IF ANY: \_\_\_\_\_  
(THIS NUMBER WILL APPEAR ON THE PURCHASE ORDER.)
  5. E-MAIL ADDRESS: \_\_\_\_\_  
INTERNET WEBSITE: \_\_\_\_\_
  6. GENERAL CONTRACTOR'S LICENSE NO: \_\_\_\_\_  
TYPE OF G.C. LICENSE: \_\_\_\_\_
- RETURN INVITATION TO BID:

US MAIL

COURIER

STATE OF ALABAMA  
DEPARTMENT OF FINANCE  
DIVISION OF PURCHASING  
P O BOX 302620  
MONTGOMERY, AL 36130-2620

STATE OF ALABAMA  
DIVISION OF PURCHASING  
RSA UNION BUILDING  
100 N. UNION ST., SUITE 192  
MONTGOMERY, AL 36104

\*\*\*\*\* IMPORTANT NOTE: \*\*\*\*\*

BIDDERS MUST COMPLY WITH ALL "BID RESPONSE INSTRUCTIONS" ON PAGE 2, TO INCLUDE ITEM 7 - COPY REQUIREMENT.

SIGNATURE AND NOTARIZATION REQUIRED

I HAVE READ THE ENTIRE BID AND AGREE TO FURNISH EACH ITEM OFFERED AT THE PRICE QUOTED. I HERBY AFFIRM I HAVE NOT BEEN IN ANY AGREEMENT OR COLLUSION AMONG BIDDERS IN RESTRAINT OF FREEDOM OF COMPETITION BY AGREEMENT TO BID AT A FIXED PRICE OR TO REFRAIN FROM BIDDING.

SWORN TO AND

FEIN OR SSN

AUTHORIZED SIGNATURE (INK)

SUBSCRIBED BEFORE ME THIS

COMPANY NAME

TYPE/PRINT AUTHORIZED NAME

DAY OF

MAIL ADDRESS

TITLE

NOTARY PUBLIC

CITY, STATE, ZIP

TOLL FREE NUMBER

TERM EXP:

PHONE INCLUDING AREA CODE

FAX NUMBER

STANDARD TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER: -

ITB NO. : 09-R-2208523

PAGE 2

INVITATION TO BID

OPEN DATE : 08/13/09 TIME: 10:00 AM

RETURN DATE: 08/12/09 TIME: 5:00 PM

AUTHORITY:

THE DEPARTMENT OF FINANCE CODE OF ADMINISTRATIVE PROCEDURE, CHAPTER 355-4-1 EFFECTIVE DECEMBER 20, 2001 IS INCORPORATED BY REFERENCE AND MADE A PART OF THIS DOCUMENT. TO RECEIVE A COPY CALL (334)242-7250, OR OUR WEBSITE WWW.PURCHASING.ALABAMA.GOV .

INFORMATION AND ASSISTANCE TO MINORITY BUSINESSES IN THE TECHNICAL COMPLETION OF REQUIRED FORMS MAY BE OBTAINED FROM THE OFFICE OF MINORITY BUSINESS ENTERPRISE, 1-800-447-4191.

BID (ITB) RESPONSE INSTRUCTIONS

REV: 04/07/09

1. TO SUBMIT A RESPONSIVE BID, READ THESE INSTRUCTIONS, ALL TERMS, CONDITIONS AND SPECIFICATIONS.
2. BID ENVELOPES/PACKAGES/BOXES MUST BE IDENTIFIED ON FRONT, PREFERABLY LOWER LEFT CORNER AND BE VISIBLE WITH THE BID NUMBER AND OPENING DATE. EACH INDIVIDUAL BID (IDENTIFIED BY A UNIQUE BID NUMBER) MUST BE SUBMITTED IN A SEPERATE ENVELOPE. RESPONSES TO MULTIPLE BID NUMBERS SUBMITTED IN THE SAME ENVELOPE/COURIER PACKAGE, THAT ARE NOT IN SEPERATE ENVELOPES PROPERLY IDENTIFIED, WILL BE REJECTED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR LATE BIDS FOR ANY REASON INCLUDING THOSE DUE TO POSTAL, OR COURIER SERVICE. BID RESPONSES MUST BE IN THE DIVISION OF PURCHASING OFFICE PRIOR TO THE "RECEIVE DATE AND TIME" INDICATED ON THE BID.
3. BID RESPONSES (PAGE 1, PRICE SHEET AND ADDENDUMS (WHEN SIGNATURE IS REQUIRED)) MUST BE IN INK OR TYPED ON THIS DOCUMENT. OR EXACT FORMAT WITH SIGNATURES BEING HANDWRITTEN ORIGINALS IN INK (PERSON SIGNING BID, NOTARY, AND NOTARY EXPIRATION), OR THE BID WILL BE REJECTED. UNLESS INDICATED IN THE BID, ALL PRICE PAGES MUST BE COMPLETED AND RETURNED. IF AN ITEM IS NOT BEING BID, IDENTIFY IT AS NB (NO-BID). PAGES SHOULD BE SECURED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR MISSING PAGES. FAXED BID RESPONSES WILL NOT BE ACCEPTED.
4. THE UNIT PRICE ALWAYS GOVERNS REGARDLESS OF THE EXTENDED AMOUNT. A UNIT PRICE CHANGE ON A LINE MUST BE INITIALED BY THE PERSON SIGNING THE BID, OR THAT LINE WILL BE REJECTED. THIS INCLUDES A CROSS-OUT, STRIKE-OVER, INK-OVER, WHITE-OUT, ERASURE, OR ANY OTHER METHOD CHANGING THE PRICE.
5. A "NO BID" MUST BE RETURNED TO REMAIN ON A CLASS/SUBCLASS. RETURN PAGE 1 MARKED "NO-BID". IDENTIFY IT ON THE ENVELOPE AS A "NO-BID". FAILING TO RESPOND TO 3 ITB'S WITHIN THE SAME CLASS/SUBCLASS WILL AUTOMATICALLY PURGE THE VENDOR FROM THAT CLASS/SUBCLASS. RESPONDING WITH 6 "NO-BIDS" WITHIN THE SAME CLASS/SUBCLASS WILL AUTOMATICALLY PURGE THE VENDOR FROM THAT CLASS/SUBCLASS. A "NO-BID" RECEIVED LATE IS CONSIDERED A NO RESPONSE.
6. THE DIVISION OF PURCHASING IS NOT RESPONSIBLE FOR MISINTERPRETATION OF DATA FAXED FROM THIS OFFICE.
7. THE DIVISION OF PURCHASING REQUIRES AN ORIGINAL AND A MINIMUM OF ONE COMPLETE EXACT COPY (TO INCLUDE SIGNATURE AND NOTARY) OF THE INVITATION-TO-BID RESPONSE. THE ORIGINAL AND THE COPY SHOULD BE SUBMITTED TOGETHER AS A BID PACKAGE.
8. AN IMPROPERLY SUBMITTED BID, LATE BID, OR BID THAT IS CANCELLED ON OR BEFORE THE OPENING DATE WILL BE HELD FOR 90 DAYS AND THEN DESTROYED. THE BID MUST BE RETRIEVED DURUIG REGULAR WORK HOURS, MONDAY - FRIDAY, EXCEPT STATE HOLIDAYS. AFTER THE BID IS DESTROYED, THE DIVISION OF PURCHASING ASSUMES NO RESPONSIBILITY FOR THE DOCUMENT.

DISQUALIFIED/CANCELLED BID

BIDS THAT ARE IMPROPERLY SUBMITTED OR RECEIVED LATE WILL BE A RESPONSE FOR RECORD, BUT WILL NOT BE RETURNED OR A NOTIFICATION MAILED.

THE FOLLOWING IS A PARTIAL LIST WHEREBY A BID RESPONSE WILL BE DISQUALIFIED:

- BID NUMBER NOT ON FACE OF ENVELOPE/COURIER PACKAGE/BOX
- RESPONSES TO MULTIPLE BID NUMBERS IN SAME ENVELOPE NOT PROPERLY IDENTIFIED
- BID RECEIVED LATE
- BID NOT SIGNED/NOT ORIGINAL SIGNATURE
- BID NOT NOTARIZED/NOT ORIGINAL SIGNATURE OF NOTARY AND/OR NO NOTARY EXPIRATION
- NOTARIZED OWN SIGNATURE
- REQUIRED INFORMATION NOT SUBMITTED WITH BID
- FAILURE TO SUBMIT THE ORIGINAL BID AND A COMPLETE EXACT COPY WILL RESULT IN REJECTION OF THE BID RESPONSE
- FAILURE TO MARK RESPONSES AS "ORIGINAL" AND/OR "COPY" COULD RESULT IN THE ENTIRE BID RESPONSE BEING REJECTED

CERTIFICATION PURSUANT TO ACT NO. 2006-557

ALABAMA LAW (SECTION 41-4-116, CODE OF ALABAMA 1975) PROVIDES THAT EVERY BID SUBMITTED AND CONTRACT EXECUTED SHALL CONTAIN A CERTIFICATION THAT THE VENDOR, CONTRACTOR, AND ALL OF ITS AFFILIATES THAT MAKE SALES FOR DELIVERY INTO ALABAMA OR LEASES FOR USE IN ALABAMA ARE REGISTERED, COLLECTING, AND REMITTING ALABAMA STATE AND LOCAL SALES, USE, AND/OR LEASE TAX ON ALL TAXABLE SALES AND LEASES INTO ALABAMA. BY SUBMITTING THIS BID, THE BIDDER IS HEARBY CERTIFYING THAT THEY ARE IN FULL COMPLIANCE WITH ACT NO. 2006-557, THEY ARE NOT BARRED FROM BIDDING OR ENTERING INTO A CONTRACT PURSUANT TO 41-4-116, AND ACKNOWLEDGES THAT THE AWARDING AUTHORITY MAY DECLARE THE CONTRACT VOID IF THE CERTIFICATION IS FALSE.

SPECIAL TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER: -

ITB NO. : 09-R-2208523

OPEN DATE : 08/13/09 TIME: 10:00 AM

RETURN DATE: 08/12/09 TIME: 5:00 PM

PAGE 3

INVITATION TO BID

INTENT TO AWARD

EFFECTIVE MAY 1, 2008, THE STATE OF ALABAMA - DIVISION OF PURCHASING WILL ISSUE AN 'INTENT TO AWARD' BEFORE A FINAL AWARD IS MADE. THE 'INTENT TO AWARD' WILL CONTINUE FOR A PERIOD OF FIVE (5) CALENDAR DAYS, AFTER WHICH A PURCHASE ORDER WILL BE PRODUCED. UPON FINAL AWARD, ALL RIGHTS TO PROTEST ARE FORFEITED. A DETAILED EXPLANATION OF THIS PROCESS MAY BE REVIEWED IN THE ALABAMA ADMINISTRATIVE CODE - CHAPTER 355-4-1(14).

ALTERNATE BID RESPONSE

UNLESS STATED ELSEWHERE IN THIS INVITATION-TO-BID (ITB) THE STATE OF ALABAMA WILL ACCEPT AND EVALUATE ALTERNATE BID SUBMITTALS ON ANY ITB'S. ALTERNATE BID RESPONSES WILL BE EVALUATED ACCORDING TO THE REQUIREMENTS AS ALL OTHER RESPONSES TO THIS ITB.

INTERNET WEBSITE LINK'S

INTERNET AND/OR WEBSITE LINKS WILL NOT BE ACCEPTED IN BID RESPONSES AS A MEANS TO SUPPLY ANY REQUIREMENTS STATED IN THIS ITB (INVITATION-TO-BID).

PRODUCT DELIVERY, RECEIVING AND ACCEPTANCE

IN ACCORDANCE WITH THE UNIVERSAL COMMERCE CODE (CODE OF ALABAMA, TITLE 7), AFTER DELIVERY, THE STATE OF ALABAMA HAS THE RIGHT TO INSPECT ALL PRODUCTS BEFORE ACCEPTING. THE STATE WILL INSPECT PRODUCTS IN A REASONABLE TIMEFRAME. SIGNATURE ON A DELIVERY DOCUMENT DOES NOT CONSTITUTE ACCEPTANCE BY THE STATE. THE STATE WILL ACCEPT PRODUCTS ONLY AFTER SATISFACTORY INSPECTION.

SALES TAX EXEMPTION

PURSUANT TO THE CODE OF ALABAMA, 1975, TITLE 40-23-4 (A) (11), THE STATE OF ALABAMA IS EXEMPT FROM PAYING SALES TAX. AN EXEMPTION LETTER WILL BE FURNISHED UPON REQUEST.

INVOICES

INQUIRIES CONCERNING PAYMENT AFTER INVOICES HAVE BEEN SUBMITTED ARE TO BE DIRECTED TO THE RECEIVING AGENCY, NOT THE DIVISION OF PURCHASING

BID RESPONSES AND BID RESULTS

UNEVALUATED BID RESPONSES (NOT BID RESULTS) ARE AVAILABLE ON OUR WEB SITE AT WWW.PURCHASING.ALABAMA.GOV. BID RESULTS WILL BE MADE AVAILABLE FOR REVIEW IN THE DIVISION OF PURCHASING OFFICE, BUT ONLY AFTER THE BID HAS BEEN AWARDED. WE DO NOT FAX OR MAIL COPIES OF BID RESULTS. IF A VENDOR WISHES TO REVIEW BID RESULTS IN OUR OFFICE, THEY SHOULD FAX THEIR REQUEST TO REVIEW THE BID TWO DAYS IN ADVANCE TO THE "BID REVIEW CLERK" AT (334) 242-4419. BE SURE TO REFERENCE THE BID NUMBER.

FOREIGN CORPORATION - CERTIFICATE OF AUTHORITY

ALABAMA LAW PROVIDES THAT A FOREIGN CORPORATION (AN OUT-OF-STATE COMPANY/FIRM) MAY NOT TRANSACT BUSINESS IN THE STATE OF ALABAMA UNTIL IT OBTAINS A CERTIFICATE OF AUTHORITY FROM THE SECRETARY OF STATE. SECTION 10-2B-15.01, CODE OF ALABAMA 1975. TO OBTAIN FORMS FOR A CERTIFICATE OF AUTHORITY, CONTACT THE SECRETARY OF STATE, CORPORATIONS DIVISION, (334) 242-5324. THE CERTIFICATE OF AUTHORITY DOES NOT KEEP THE VENDOR FROM SUBMITTING A BID.

BID IDENTIFICATION

REFERENCE PAGE 2, ITEM 2. DUE TO THE POSTAL SERVICE PUTTING BAR CODE LABELS ON ENVELOPES, IT CONCEALS THE BID NUMBER AND DATE IF THE VENDOR HAS WRITTEN THEM OTHER THAN THE LOWER LEFT CORNER, THEREFORE THE BID WOULD BE REJECTED FOR NOT BEING PROPERLY IDENTIFIED.

SPECIAL TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER: -

ITB NO. : 09-R-2208523

OPEN DATE : 08/13/09 TIME: 10:00 AM

RETURN DATE: 08/12/09 TIME: 5:00 PM

PAGE 4

INVITATION TO BID

\*\*\*\*\*

AWARD:

THE AWARD SHALL BE MADE TO THE LOWEST RESPONSIBLE BIDDER MEETING ALL SPECIFICATIONS.

DELIVERY TIME FRAME:

ALL ITEMS ORDERED MUST BE DELIVERED TO THE "SHIP TO" ADDRESS SHOWN ON THE P.O. WITHIN THIRTY (30) DAYS OF VENDOR'S RECEIPT OF ORDER.

FREIGHT:

BID IS F.O.B. DESTINATION. ANY FREIGHT CHARGES MUST BE INCLUDED IN THE BID PRICES.

PRICE SHEET

VENDOR NAME :

VENDOR NUMBER: -

ITB NO. : 09-R-2208523

PAGE 5

INVITATION TO BID

OPEN DATE : 08/13/09 TIME: 10:00 AM

RETURN DATE: 08/12/09 TIME: 5:00 PM

LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
UNLESS SPECIFIED OTHERWISE BELOW: SHIP TO: 012063 / 012M01 ALA DEPT OF TRANS MAINT BUREAU MAINT. ENGINEER 1409 COLISEUM BLVD. MONTGOMERY AL 36110					
00001	COMMODITY CODE: 570-44-057829 A16, W6 X 9 SIGN SUPPORT SYSTEM INCLUDING BEAM POST PRE-DRILLED, GALVANIZED, COMPLETE, INCLUDING STD. BRACKETS PLATES AND HARDWARE PER THE ATTACHED SPECIFICATIONS AND TA 677-03 W6 X 9.	473	LF	_____	_____
00002	COMMODITY CODE: 570-44-057829 B525, W6 X 12 SIGN SUPPORT SYSTEM INCLUDING BEAM POST, PRE-DRILLED, GALVANIZED, COMPLETE, INCLUDING BRACKETS FUSE PLATES AND HARDWARE PER THE ATTACHED SPECIFICATIONS AND TA 677-03, W6 X 12, "L" BRACKET NO. 1.	242	LF	_____	_____
00003	COMMODITY CODE: 570-44-057829 B525, W6 X 12 SIGN SUPPORT SYSTEM INCLUDING BEAM POST, PRE-DRILLED, GALVANIZED, COMPLETE, INCLUDING BRACKETS FUSE PLATES AND HARDWARE PER THE ATTACHED SPECIFICATIONS AND TA 677-03, W6 X 12, "L" BRACKET NO. 2	57.5	LF	_____	_____
00004	COMMODITY CODE: 570-44-057829 B525, W6 X 15 SIGN SUPPORT SYSTEM INCLUDING BEAM POST, PRE-DRILLED, GALVANIZED, COMPLETE, INCLUDING BRACKETS FUSE PLATES AND HARDWARE PER THE ATTACHED SPECIFICATIONS AND TA 677-03 W6 X 15, "L" BRACKET NO. 1	230.5	LF	_____	_____

PAGE TOTAL

BID TOTAL

\_\_\_\_\_  
\_\_\_\_\_

**TA677-03 Guide Sign W-Beam Design Information  
Transpo Break-Safe Connector**

(Send original with requisition; Retain copy for files)

Maintenance Bureau Use \_\_\_\_\_

Note: Transpo Connector has no stub

G13-903739  
1420510

**W-Beam Size: 6x9**

**Division:3**

**Contact: Sean Mobley**

**Phone: 334.242.6735**

**Requisition # \_\_\_\_\_**

**PO# \_\_\_\_\_**

**Line Item: \_\_\_\_\_**

*Location ID	Route	MP	*Post ID	Position of Post			*Length to Order (upright only)	^Fuse & Hinge Plate Location	"L" Bracket Selection
				L	C	R	Ft-In	Ft- In	
59sb117.9	59	117.9	001	X	<input type="checkbox"/>	<input type="checkbox"/>	12'-6"	4'-9"	STD.
"	"	"	002	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-6"	4'-9"	STD.
59sb141.7	59	141.7	003	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-6"	5'-3"	STD.
"	"	"	004	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-6"	5'-3"	STD.
59sb144.9	59	144.9	005	X	<input type="checkbox"/>	<input type="checkbox"/>	12'-6"	5'-3"	STD.
"	"	"	006	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-0"	5'-3"	STD.
459nb23.0	459	23.0	007	X	<input type="checkbox"/>	<input type="checkbox"/>	13'-6"	5'-9"	STD.
"	"	"	008	<input type="checkbox"/>	<input type="checkbox"/>	X	14'-6"	5'-9"	STD.
459nb31.8	459	31.8	009	X	<input type="checkbox"/>	<input type="checkbox"/>	12'-0"	3'-9"	STD.
"	"	"	010	<input type="checkbox"/>	<input type="checkbox"/>	X	13'-6"	3'-9"	STD.
59nb142.6	59	142.6	011	X	<input type="checkbox"/>	<input type="checkbox"/>	13'-0"	5'-3"	STD.
"	"	"	012	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-0"	5'-3"	STD.
59nb139.9	59	139.9	013	X	<input type="checkbox"/>	<input type="checkbox"/>	15'-0"	5'-3"	STD.
"	"	"	014	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-6"	5'-3"	STD.
59nb138.8	59	138.8	015	X	<input type="checkbox"/>	<input type="checkbox"/>	12'-6"	3'-3"	STD.
"	"	"	016	<input type="checkbox"/>	<input type="checkbox"/>	X	13'-0"	3'-3"	STD.
59nb121.7	59	121.7	017	X	<input type="checkbox"/>	<input type="checkbox"/>	13'-6"	5'-3"	STD.
"	"	"	018	<input type="checkbox"/>	<input type="checkbox"/>	X	11'-6"	5'-3"	STD.

Total Length This page.

233'-0"

PG. 1

\* From Form TA677-01 **X-SECTION**

^Measured from top of post to Fuse/Hinge connection centerline

①

**TA677-03 Guide Sign W-Beam Design Information  
Transpo Break-Safe Connector**

(Send original with requisition; Retain copy for files)

Maintenance Bureau Use \_\_\_\_\_

Note: Transpo Connector has no stub

**W-Beam Size: 6x9**

**Division: 3**

**Contact: Sean Mobley**

**Phone: 334.242.6735**

**Requisition # \_\_\_\_\_**

**PO# \_\_\_\_\_**

**Line Item: \_\_\_\_\_**

*Location ID	Route	MP	*Post ID	Position of Post			*Length to Order (upright only)	^Fuse & Hinge Plate Location	"L" Bracket Selection
				L	C	R	Ft-In	Ft- In	
65nb233.1	65	233.1	019	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-0"	5'-9"	STD.
"	"	"	020	<input type="checkbox"/>	<input type="checkbox"/>	X	14'-6"	5'-9"	STD.
65nb250.7	65	250.7	021	X	<input type="checkbox"/>	<input type="checkbox"/>	13'-0"	5'-9"	STD.
"	"	"	022	<input type="checkbox"/>	<input type="checkbox"/>	X	13'-6"	5'-9"	STD.
65nb286.5	65	286.5	023	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-0"	5'-9"	STD.
"	"	"	024	<input type="checkbox"/>	<input type="checkbox"/>	X	11'-6"	5'-9"	STD.
20wb141.1	20	141.1	025	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-6"	5'-9"	STD.
"	"	"	026	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-6"	5'-9"	STD.
65sb288.0	65	288.0	027	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-6"	5'-9"	STD.
"	"	"	028	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-0"	5'-9"	STD.
65sb271.0	65	271.0	029	X	<input type="checkbox"/>	<input type="checkbox"/>	15'-0"	5'-9"	STD.
"	"	"	030	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-6"	5'-9"	STD.
65sb263.9	65	263.9	031	X	<input type="checkbox"/>	<input type="checkbox"/>	13'-0"	5'-9"	STD.
"	"	"	032	<input type="checkbox"/>	<input type="checkbox"/>	X	13'-6"	5'-9"	STD.
65sb253.7	65	253.7	033	X	<input type="checkbox"/>	<input type="checkbox"/>	13'-0"	5'-9"	STD.
"	"	"	034	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-6"	5'-9"	STD.
65sb235.0	65	235.0	035	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-0"	5'-9"	STD.
"	"	"	036	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-6"	5'-9"	STD.

Total Length This page.

240'-0"

PG. 2

473'-0" TOTAL

②

\* From Form TA677-01 **X-SECTION**

^Measured from top of post to Fuse/Hinge connection centerline

**TA677-03 Guide Sign W-Beam Design Information  
Transpo Break-Safe Connector**

(Send original with requisition; Retain copy for files)

Maintenance Bureau Use \_\_\_\_\_

Note: Transpo Connector has no stub

**W-Beam Size: 6x12 \_\_\_ "L" Bracket No. 1**

**Division: 3**

**Contact: Sean Mobley**

**Phone: 334.242.6735**

**Requisition # \_\_\_\_\_**

**PO# \_\_\_\_\_**

**Line Item: \_\_\_\_\_**

*Location ID	Route	MP	*Post ID	Position of Post			*Length to Order (upright only)	^Fuse & Hinge Plate Location	"L" Bracket Selection
				L	C	R	Ft-In	Ft- In	
59nb135.9	59	135.9	001	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-6"	7'-3"	1
"	"	"	002	<input type="checkbox"/>	<input type="checkbox"/>	X	17'-0"	7'-3"	1
59nb112.3	59	112.3	003	X	<input type="checkbox"/>	<input type="checkbox"/>	15'-6"	7'-3"	1
"	"	"	004	<input type="checkbox"/>	<input type="checkbox"/>	X	17'-0"	7'-3"	1
65nb269.6	65	269.6	005	X	<input type="checkbox"/>	<input type="checkbox"/>	15'-0"	5'-9"	1
"	"	"	006	<input type="checkbox"/>	<input type="checkbox"/>	X	12'-0"	5'-9"	1
20wb138.6	20	138.6	007	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-6"	7'-3"	1
"	"	"	008	<input type="checkbox"/>	X	<input type="checkbox"/>	16'-6"	7'-3"	1
"	"	"	009	<input type="checkbox"/>	<input type="checkbox"/>	X	18'-6"	7'-3"	1
20wb140.6	20	140.6	010	X	<input type="checkbox"/>	<input type="checkbox"/>	19'-0"	5'-9"	1
"	"	"	011	<input type="checkbox"/>	<input type="checkbox"/>	X	16'-0"	5'-9"	1
65sb282.4	65	282.4	012	X	<input type="checkbox"/>	<input type="checkbox"/>	17'-0"	9'-9"	1
"	"	"	013	<input type="checkbox"/>	<input type="checkbox"/>	X	18'-0"	9'-9"	1
459sb25.0	459	25.0	014	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-6"	5'-9"	1
"	"	"	015	<input type="checkbox"/>	<input type="checkbox"/>	X	17'-0"	5'-9"	1
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

Total Length This page.

242'-0"

\* From Form TA677-01 X-SECTION

^Measured from top of post to Fuse/Hinge connection centerline

3

**TA677-03 Guide Sign W-Beam Design Information  
Transpo Break-Safe Connector**

(Send original with requisition; Retain copy for files)

Maintenance Bureau Use \_\_\_\_\_

Note: Transpo Connector has no stub

**W-Beam Size: 6x12\_\_"L" Bracket No. 2**

Division: 3

Contact: Sean Mobley

Phone: 334.242.6735

Requisition # \_\_\_\_\_

PO# \_\_\_\_\_

Line Item: \_\_\_\_\_

*Location ID	Route	MP	*Post ID	Position of Post			*Length to Order (upright only)	^Fuse & Hinge Plate Location	"L" Bracket Selection
				L	C	R	Ft-In	Ft- In	
20eb139.2	20	139.2	001	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-6"	5'-9"	2
"	"	"	002	<input type="checkbox"/>	<input type="checkbox"/>	X	14'-0"	5'-9"	2
65sb264.1	65	264.1	003	X	<input type="checkbox"/>	<input type="checkbox"/>	14'-0"	5'-9"	2
"	"	"	004	<input type="checkbox"/>	<input type="checkbox"/>	X	15'-0"	5'-9"	2
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
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				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Total Length This page.							57'-6"		

\* From Form TA677-01 X-SECTION  
^Measured from top of post to Fuse/Hinge connection centerline

**TA677-03 Guide Sign W-Beam Design Information  
Transpo Break-Safe Connector**

(Send original with requisition; Retain copy for files)

Maintenance Bureau Use \_\_\_\_\_

Note: Transpo Connector has no stub

**W-Beam Size: 6x15\_\_"L" Bracket No.1**

Division: 3

Contact: Sean Mobley

Phone: 334.242.6735

Requisition # \_\_\_\_\_

PO# \_\_\_\_\_

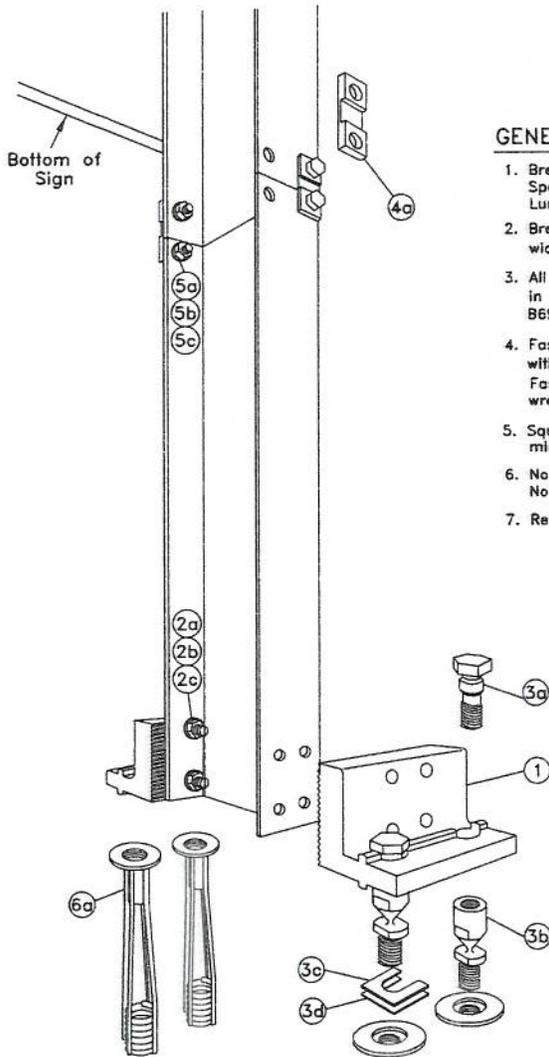
Line Item: \_\_\_\_\_

*Location ID	Route	MP	*Post ID	Position of Post			*Length to Order (upright only)	^Fuse & Hinge Plate Location	"L" Bracket Selection
				L	C	R	Ft-In	Ft- In	
459sb33.0	459	33.0	001	X	<input type="checkbox"/>	<input type="checkbox"/>	18'-6"	9'-9"	1
"	"	"	002	<input type="checkbox"/>	<input type="checkbox"/>	X	21'-0"	9'-9"	1
459sb25.1	459	25.1	003	X	<input type="checkbox"/>	<input type="checkbox"/>	20'-6"	11'-9"	1
"	"	"	004	<input type="checkbox"/>	<input type="checkbox"/>	X	22'-6"	11'-9"	1
459nb22.7	459	22.7	005	X	<input type="checkbox"/>	<input type="checkbox"/>	19'-6"	11'-9"	1
"	"	"	006	<input type="checkbox"/>	<input type="checkbox"/>	X	21'-0"	11'-9"	1
65nb280.9	65	280.9	007	X	<input type="checkbox"/>	<input type="checkbox"/>	17'-6"	9'-9"	1
"	"	"	008	<input type="checkbox"/>	<input type="checkbox"/>	X	16'-6"	9'-9"	1
20wb140.9	20	140.9	009	X	<input type="checkbox"/>	<input type="checkbox"/>	20'-0"	9'-9"	1
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20eb139.6	20	139.6	011	X	<input type="checkbox"/>	<input type="checkbox"/>	18'-6"	9'-9"	1
"	"	"	012	<input type="checkbox"/>	<input type="checkbox"/>	X	18'-0"	9'-9"	1
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				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Total Length This page.							230'-6"		

\* From Form TA677-01 X-SECTION  
^Measured from top of post to Fuse/Hinge connection centerline

**PARTS LIST**

ITEM	DESCRIPTION	SIZE/SPECIFICATIONS	QTY/ POST	PART NUMBER
1	Bracket, Type A16	6061-T6 Aluminum	2	SBAK6117
2	Bracket Hardware Assembly, Type A16, includes:		1	SB-A16H
2a	Bolt	12.7mm(1/2")-13UNCx57.2mm(2-1/4"), Hex Head, ASTM A325, Galv. ASTM A153	8	
2b	LockWasher	12.7mm(1/2"), ANSI B18-21-1, Galv. ASTM A153	8	
2c	Nut	12.7mm(1/2")-13UNC, Heavy Hex, ASTM A563 Gr. DH, Galv. ASTM A153	8	
3	Coupling & Special Bolt Assembly, Type A, includes:		1	SB-CALP
3a	Special Bolt	15.9mm(5/8")-11UNC, ASTM A449, Galv. ASTM A153/B695	4	
3b	Coupling	15.9mm(5/8")-11UNC, LP, AMS 6378D, Galv. ASTM A153, Polyester Coat	4	
3c	Shim	15.9mm(5/8") Horseshoe, 14 Gauge, Galv. Steel Sheet	2	
3d	Shim	15.9mm(5/8") Horseshoe, 18 Gauge, Galv. Steel Sheet	2	
4	Hinge Assembly, Type A, includes:		1	SB-HB3
4a	Hinge Plate	Type A, AISI 4130 Steel, Galv. ASTM A123	4	
5	Hinge Hardware Assembly, Type A, includes:		1	SB-HHA
5a	Bolt	12.7mm(1/2")-13UNCx37.2mm(1-1/2"), Hex Head, ASTM A325, Galv. ASTM A153	8	
5b	LockWasher	12.7mm(1/2"), ANSI B18-21-1, Galv. ASTM A153	8	
5c	Nut	12.7mm(1/2")-13UNC, Heavy Hex, ASTM A563 Gr. DH, Galv. ASTM A153	8	
6	Anchor Assembly, Type A, includes:		1	SBAAPK
6a	Anchor	15.9mm(5/8")-11UNC, 304 S.S. Ferrule, AISI 1045 Rod, AISI 1008 Coll	4	



**GENERAL NOTES:**

1. Break-Safe meets all requirements of "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals."
2. Break-Safe Model A16 is designed to fit W150x14 (W6x9) wide-flange steel I-Beam signposts.
3. All hardware items are American Standard sizes, galvanized in accordance with ASTM A153 (hot dipped) or ASTM B695 (mechanically applied).
4. Fasteners, except for special bolt and coupling, are installed with lockwashers, and do not have specific torque requirements. Fasteners should be secured as tight as possible with conventional wrenches, unless noted otherwise.
5. Square-up and level individual components, particularly Anchors to minimize the need for shimming between the Couplings and Anchors.
6. No more than two shims shall be placed under any one coupling. No more than three shims underneath any pair of couplings.
7. Refer to other side of page for complete installation instructions.

<b>Break-Safe Model A16</b> Breakaway Support System for Sign Posts	
Scale: Not To Scale	Date: July 2000
Drawing No. BS-A16-1	Sheet: 1 of 2

Patent Nos. 4,528,786 and 5,596,845

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# INSTALLATION INSTRUCTIONS

## ANCHOR ASSEMBLY:

**Note:** Precise positioning of the anchors is critical to proper assembly of the system. It is recommended that actual posts be used to locate the correct position of the anchors.

1. Fabricate a flat, rigid template with four (4) 16mm (5/8") diameter holes located to match the specified anchor pattern of the Break-Safe Brackets attached to the signpost. See diagram below.
2. Attach four (4) Type A Female Anchors to the template using four (4) 16mm (5/8") diameter bolts. Ensure that each Anchor Washer is snug against the bottom of the template.
3. Lower Anchor Assembly into fresh concrete foundation, and vibrate into position such that the tops of the Anchor Washers are flush with the finished top surface of the foundation. Support the template such that all Anchors are level and in their proper locations.
4. Allow concrete to cure, and then remove the bolts and template from the top of the foundation.

## HINGE ASSEMBLY:

1. Buff upper and lower post sections together on a flat surface.
2. Drill eight (8) 14.3mm (9/16") holes in the flanges of the post sections as shown.
3. Place Hinge Plates on outer surface of the post flanges and secure with bolts, lock washers, and nuts. Ensure that upper and lower post sections are in alignment, and then tighten all nuts 1/2 turn beyond snug.

## BRACKET ASSEMBLY:

1. Drill eight (8) 14.3mm (9/16") diameter holes in the flanges of the lower post section as shown.
2. Place Brackets squarely on outer surface of the post flanges, and secure with bolts, lock washers, and nuts. Then, tighten all 1/2 turn beyond snug.

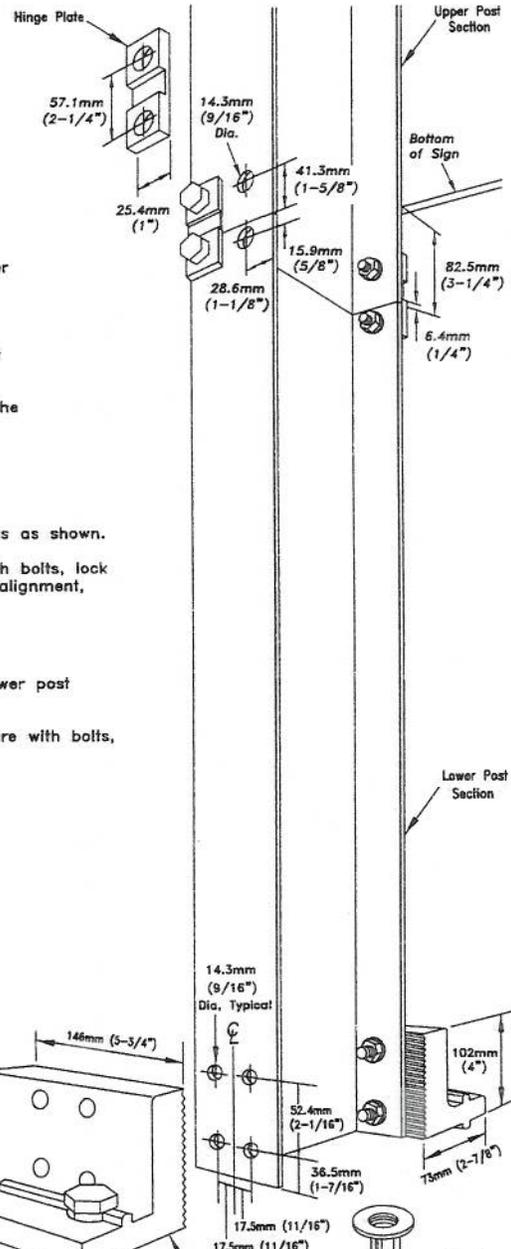
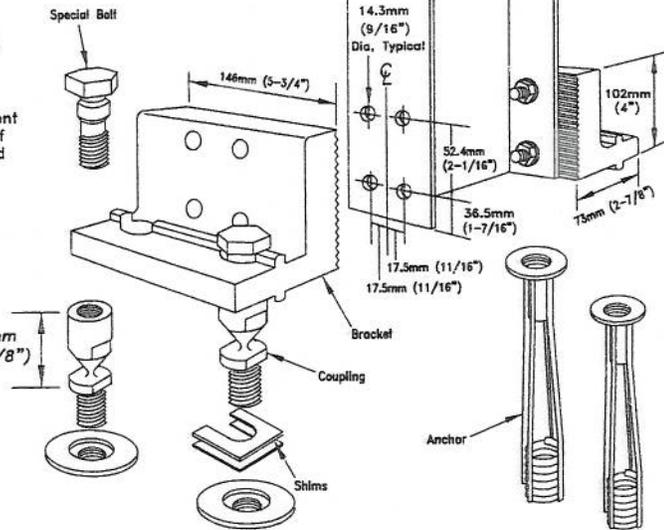
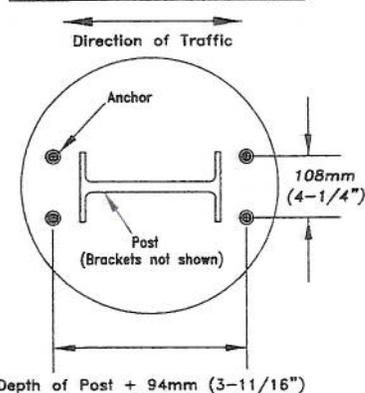
## COUPLING ASSEMBLY:

1. Thread four (4) Break-Safe Couplings into Anchors. Do not tighten.
2. Suspend post assembly over foundation, insert Special Bolts through holes in the Brackets, and thread them snug into the Couplings.
3. If post is not plumb, insert Shims (14g and/or 18g) between the Couplings and Anchors, where needed.
4. Use lower wrench flats to tighten Couplings into Anchors as tight as possible using a conventional wrench. Do not use a pipe wrench. Couplings must be seated squarely.
5. Tighten Special Bolts while holding Couplings by the upper wrench flats with an additional wrench to prevent an induced torque stress across the necked portion of the Coupling. All Special Bolts shall also be tightened as tight as possible using conventional wrenches.

## SIGN PANEL ASSEMBLY:

1. After all signposts are secured in place, attach sign panel assembly to posts in accordance with the sign manufacturer's recommendations.

PLAN VIEW OF TYPICAL FOUNDATION



Break-Safe Model AI6  
Breakaway Support System for Sign Posts

Scale: Not To Scale

Date: May 2007

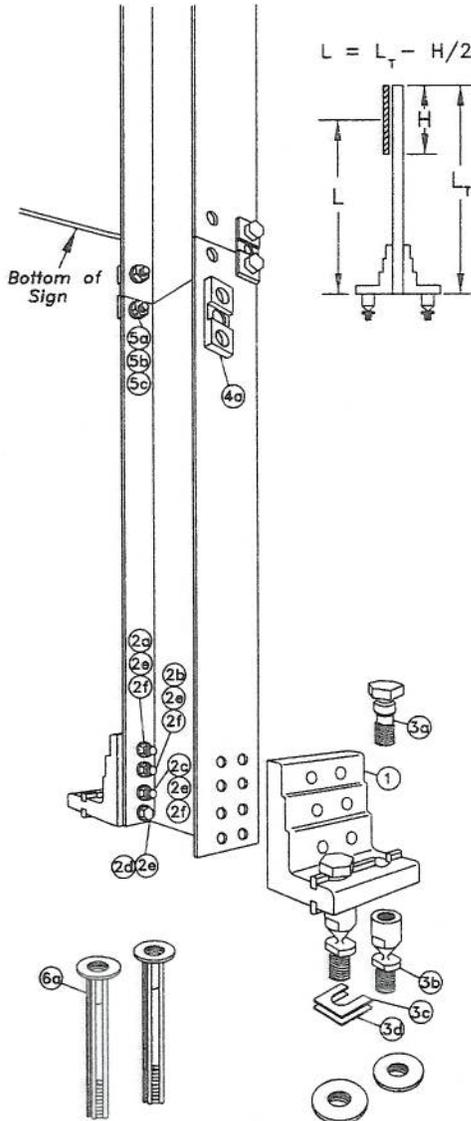
Drawing No. BS-AI6-2

Sheet: 2 of 2

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**PARTS LIST**

ITEM	DESCRIPTION	SIZE/SPECIFICATIONS	QTY/ POST	PART NUMBER
1	Bracket, Type B525	6061-T6 Aluminum (see Bracket Selection Table for -Number)	2	SBBK525-1A,-2A,-3A
2	Bracket Hardware Assembly, Type B525, includes:		1	SB-B525LPH
2a	Bolt	12.7mm(1/2")-13UNCx63.5mm(2-1/2"), Hex Head, ASTM A325, Galv. ASTM A153	4	
2b	Bolt	12.7mm(1/2")-13UNCx69.8mm(2-3/4"), Hex Head, ASTM A325, Galv. ASTM A153	4	
2c	Bolt	12.7mm(1/2")-13UNCx76.2mm(3"), Hex Head, ASTM A325, Galv. ASTM A153	4	
2d	Cap Screw	12.7mm(1/2")-13UNCx31.7mm(1-1/4"), Hex Head, ASTM A307, Galv. ASTM A153	4	
2e	LockWasher	12.7mm(1/2"), ANSI B18-21-1, Galv. ASTM A153	16	
2f	Nut	12.7mm(1/2")-13UNC, Heavy Hex, ASTM A563 Gr. DH, Galv. ASTM A1531	12	
3	Coupling & Special Bolt Assembly, Type B, includes:		1	SB-CBLP
3a	Special Bolt	25.4mm(1")-8UNC, ASTM A449, Galv. ASTM A153/B695	4	
3b	Coupling	25.4mm(1")-8UNC, LP, AMS 6378D, Galv. ASTM A153, Polyester Coat	4	
3c	Shim	25.4mm(1") Horseshoe, 14 Gauge, Galv. Steel Sheet	2	
3d	Shim	25.4mm(1") Horseshoe, 18 Gauge, Galv. Steel Sheet	2	
4	Hinge Assembly, Type B525, includes:		1	SB-HB1
4a	Hinge Plate	Type B525, AISI 4130 Steel, Galv. ASTM A123	4	
5	Hinge Hardware Assembly, Type B, includes:		1	SB-HHB
5a	Bolt	19.0mm(3/4")-10UNCx57.1mm(2-1/4"), Hex Head, ASTM A325, Galv. ASTM A153	8	
5b	LockWasher	19.0mm(3/4"), ANSI B18-21-1, Galv. ASTM A153	8	
5c	Nut	19.0mm(3/4")-10UNC, Heavy Hex, ASTM A563 Gr. DH, Galv. ASTM A153	8	
6	Anchor Assembly, Type B, includes:		1	SBABPK
6a	Anchor	25.4mm(1")-8UNC, 304 S.S. Ferrule, AISI 1045 Rod, AISI 1008 Coil	4	



**BRACKET SELECTION TABLE**

Select correct Break-Safe bracket number from table, using 'L' value from the longest post. Use figure to the left to determine 'L'.

POST SIZE	BRACKET No. 1		BRACKET No. 2		BRACKET No. 3	
	Min. 'L'	Max. 'L'	Min. 'L'	Max. 'L'	Min. 'L'	Max. 'L'
152mm (6")	3.6m(12')	8.8m(29')	2.7m(9')	3.6m(12')	0	2.7m(9')
203mm (8")	4.3m(14')	8.8m(29')	3.0m(10')	4.3m(14')	0	3.0m(10')

**GENERAL NOTES:**

1. Break-Safe meets all requirements of "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals."
2. Break-Safe Model B525 is designed to fit 150mm (6") and 200mm (8") Wide Flange I-Beam, and 127mm (5") and 150mm (6") Square Tube signposts.
2. Select proper Bracket Number by referring to Bracket Selection Table.
3. All hardware items are American Standard sizes, galvanized in accordance with ASTM A153 (hot dipped) or ASTM B695 (mechanically applied).
4. Fasteners, except for special bolt and coupling, are installed with lockwashers, and do not have specific torque requirements. Fasteners should be secured as tight as possible with conventional wrenches, unless noted otherwise.
5. Square-up and level individual components, particularly Anchors to minimize the need for shimming between the Couplings and Anchors.
6. No more than two shims shall be placed under any one coupling. No more than three shims underneath any pair of couplings.
7. Refer to other side of page for complete installation instructions.

**Break-Safe Model B525**  
Breakaway Support System for Sign Posts

Scale: Not To Scale      Date: July 2000

Patent Nos. 4,528,786 and 5,596,845      Drawing No. BS-B525-1, -2, -3      Sheet: 1 of 2



# INSTALLATION INSTRUCTIONS

## ANCHOR ASSEMBLY:

**Note:** Precise positioning of the anchors is critical to proper assembly of the system. It is recommended that actual posts be used to locate the correct position of the anchors.

1. Determine proper Break-Safe Bracket Number from the Bracket Selection Table. All posts within a sign structure shall use the same Bracket Number, determined by the length of the longest post.
2. Fabricate a flat, rigid template with four (4) 25mm (1") diameter holes located to match the specified anchor pattern of the Break-Safe Brackets attached to the signpost. See diagram below.
3. Attach four (4) Type B Female Anchors to the template using four (4) 25mm (1") diameter bolts. Ensure that each Anchor Washer is snug against the bottom of the template.
4. Lower Anchor Assembly into fresh concrete foundation, and vibrate into position such that the tops of the Anchor Washers are flush with the finished top surface of the foundation. Support the template such that all Anchors are level and in their proper locations.
5. Allow concrete to cure, and then remove the bolts and template from the top of the foundation.

## HINGE ASSEMBLY:

1. Butt upper and lower post sections together on a flat surface.
2. Drill eight (8) 20.6mm (13/16") holes in the flanges of the post sections as shown.
3. Place Hinge Plates on outer surface of the post flanges and secure with bolts, lock washers, and nuts. Ensure that upper and lower post sections are in alignment, and then tighten all nuts 1/2 turn beyond snug.

## BRACKET ASSEMBLY:

1. Drill sixteen (16) 14.3mm (9/16") diameter holes in the flanges of the lower post section as shown.
2. Place Brackets squarely on outer surface of the post flanges, and secure with bolts, lock washers, nuts, and cap screws. Then, tighten all 1/2 turn beyond snug.

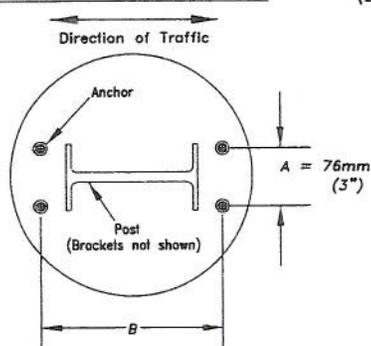
## COUPLING ASSEMBLY:

1. Thread four (4) Break-Safe Couplings into Anchors. Do not tighten.
2. Suspend post assembly over foundation, insert Special Bolts through holes in the Brackets, and thread them snug into the Couplings.
3. If post is not plumb, insert Shims (14g and/or 18g) between the Couplings and Anchors, where needed.
4. Use lower wrench flats to tighten Couplings into Anchors as tight as possible using a conventional wrench. Do not use a pipe wrench. Couplings must be seated squarely.
5. Tighten Special Bolts while holding Couplings by the upper wrench flats with an additional wrench to prevent an induced torque stress across the necked portion of the Coupling. All Special Bolts shall also be tightened as tight as possible using conventional wrenches.

## SIGN PANEL ASSEMBLY:

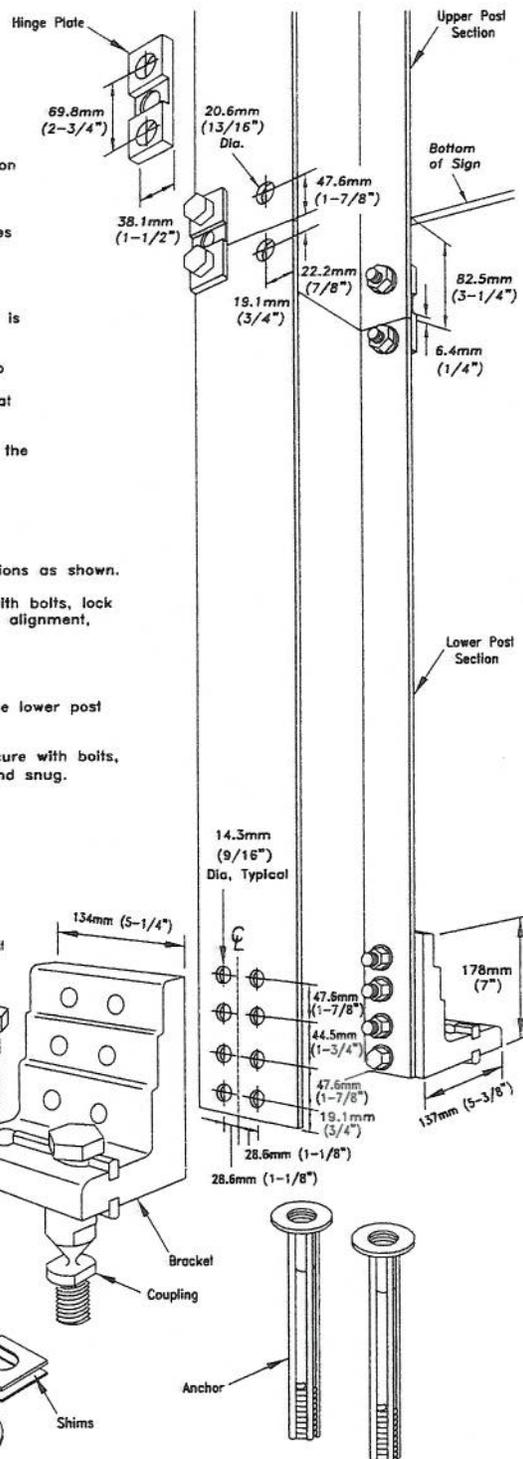
1. After all signposts are secured in place, attach sign panel assembly to posts in accordance with the sign manufacturer's recommendations.

PLAN VIEW OF TYPICAL FOUNDATION



- B (Bracket No. 1) = Depth of Post + 202mm (7-15/16")  
 B (Bracket No. 2) = Depth of Post + 205mm (8-1/16")  
 B (Bracket No. 3) = Depth of Post + 207mm (8-1/8")

Patent Nos. 4,528,786 and 5,596,845



## Break-Safe Model B525

Breakaway Support System for Sign Posts

Scale: Not To Scale

Date: July 2000

Drawing No. BS-B525-1, -2, -3

Sheet: 2 of 2

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