

IMPACTrecovery **S Y S T E M S**

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Other U.S. and International patents pending.

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INTRODUCING THE NEW

TUFF CURB™

by **IMPACT**recovery
S Y S T E M S

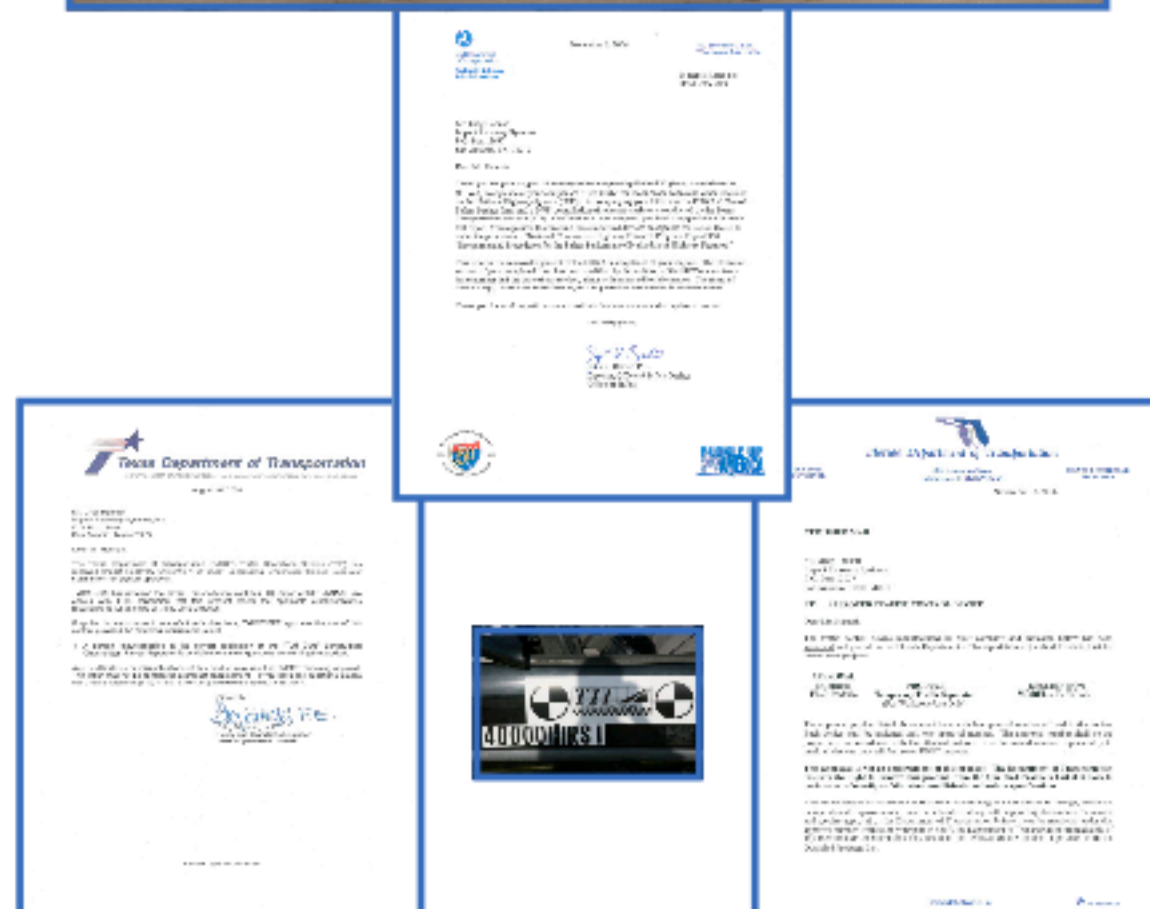
**HIGH PERFORMANCE
TRAFFIC SEPARATOR CURB**



- CURVES
- MEDIANS
- EDGE LINES
- WORK ZONES
- RAIL CROSSINGS
- NCHPR350 APPROVED #WZ-243

TUFF CURB.™ SETTING A HIGHER STANDARD.

**TUFF CURB IS TESTED,
NCHRP350 ACCEPTED AND DOT APPROVED!**



TUFF CURB.™ SETTING A HIGHER STANDARD.

STEP 5

Place the large washer on the lag and start the lag in the sleeve by threading it in approximately 1/2". Pound the lag and sleeve through the hole in the curb section and into the previously drilled and cleaned pavement holes. **Make sure anchor is pounded all the way to the bottom of the hole prior to tightening lag bolt.**



STEP 6

Finish screwing the lag into the pavement taking care not to over tighten. Approximately 15' pounds of pressure is all that is needed. Continue installing each curb section as described and in accordance with engineering plans. Pick up the string line.



STEP 7

Tapered nose and end sections are universal and can be installed on either end of curb system. Each tapered end has 3 holes. Anchor same as curb.

STEP 8

Each curb system is equipped with a quick release system. To install upright into curb, simply position the unit in the desired position facing traffic and twist. The quick release pin will drop into position and lock the unit into place. To remove, simply lift the pin and twist.

SPECIAL NOTES:

Impact Recovery Systems recommends a delineator or sign be installed on each curb section.



Each 40" curb section comes standard with two 3M™ Raised Pavement Markers installed for maximum visibility.

The following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. Neither manufacturer nor seller shall be liable either in tort or in contract for any loss or damage, direct, incidental, or consequential, arising out of the use of or the inability to use the product.

TUFF CURB.™ SETTING A HIGHER STANDARD.

INSTALLATION INSTRUCTIONS



STEP 1

Review detailed traffic engineering plan regarding length, angle, spacing, location, and all related placement issues.

STEP 2

Draw a string line tight, 6" off the centerline of the curb. Use the string as a guide to lay the curb sections in place. Follow with the second, third, fourth, etc., with the desired spacing between curb sections. Factory spacing recommendation is no less than 1/2" apart. Spacing should be no more than 1" for visual considerations, however, if drainage or other considerations warrant more, gap is acceptable. Please note that the TUFF CURB installations should begin and end with an end section.

STEP 3

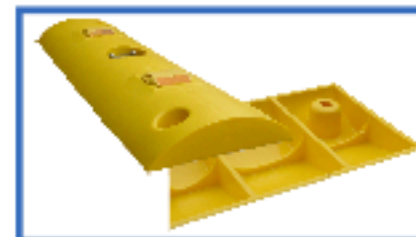
Drill one 3/4" hole 5" deep using one of the two side holes in the 40" curb section as the template.

STEP 4

Clean out the hole after drilling. Use the lag provided with the special sleeve as an anchor to keep the curb section in position while drilling the second hole. Clean out the second hole and install the sleeve using directions in Step 5.



TUFF CURB.™ SETTING A HIGHER STANDARD.

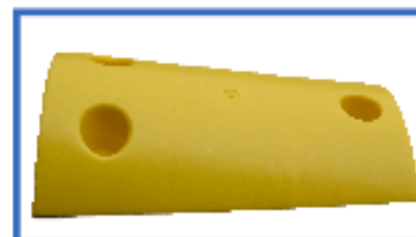


MADE TO LAST!

Each curb section measures 40" and is constructed of highly durable polyethylene. Uniquely designed ribs underneath are made to transfer the load to the road eliminating stress on the mounting hardware.



"Tuff" enough to support a loaded cement truck.



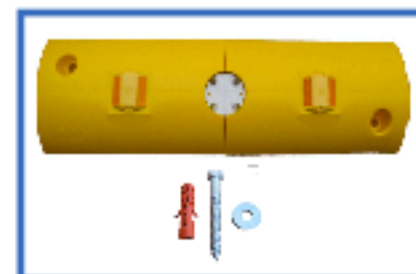
GOT TO HAVE AN END CAP!

End caps are also constructed out of highly durable polyethylene, measure 18" long and should be used at the beginning and end of installation for transition.



IT'S A TRIED AND TRUE SYSTEM!

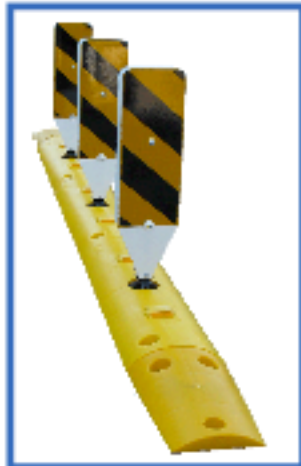
Tuff Curb utilizes the IRS Spring Mounted Signage. Proven over and over again to be the most long lasting, durable traffic device on the market. Each curb is equipped with the Quick Release System designed to allow upright installation/replacement in less than 5 seconds.



INSTALLATION IS A SNAP!

Only two holes per curb section (three holes per end cap) and all installation hardware is included! No special tools, pins, or soapy water required. No scuppers to catch debris and impede water flow. Simply place curbing 1/2" to 1" apart to create a natural water flow.

DAY OR NIGHT, TUFF CURB IS THERE TO BE SEEN!



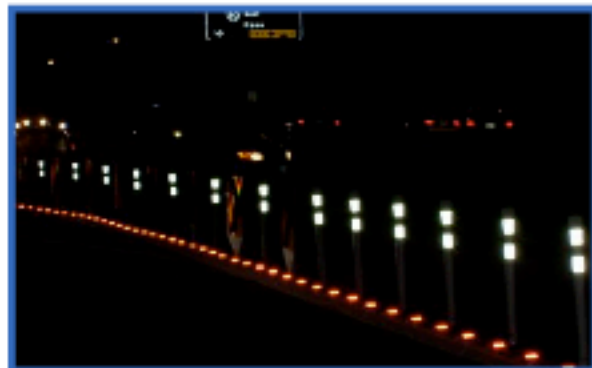
MAXIMUM VISIBILITY

Solid color throughout for high visibility. Curb is offered in yellow or white with additional colors available for special order. In addition to two 3M™ Raised Pavement Markers, which come standard on each curb section, we recommend a tubular marker, delineator, or sign be installed on each section for maximum visibility for motorists.

Yellow Curb comes with double yellow 3M™ Raised Pavement Markers and white curb comes with your choice of either red/white or white/blank.



Impact Recovery Systems' has the largest variety of flexible traffic devices available for a lane separator system.



The Tuff Curb features built in 3M™ Raised Pavement Markers that form a continuous visual line for motorists to follow in dark conditions

Unlike competitor's products, our uprights can be installed at 90° for side road visibility.



TUFF CURB IS VERSATILE AND IDEAL FOR A WIDE VARIETY OF APPLICATIONS!



RADIUS/CURVES

MEDIAN



CHANNELIZING



MERGING LANES