

**INTRODUCING  
LIGHT WEIGHT  
SAFETY SHAPE  
BARRIER DESIGNS**



**Valentine Urban Systems  
Bridge Barriers**



**DESIGNS COMPLIMENTARY  
TO A LARGE RANGE OF  
CABLE-SUPPORTED  
STRUCTURES**

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**F350 INTRODUCTION**



**Valentine & Company**  
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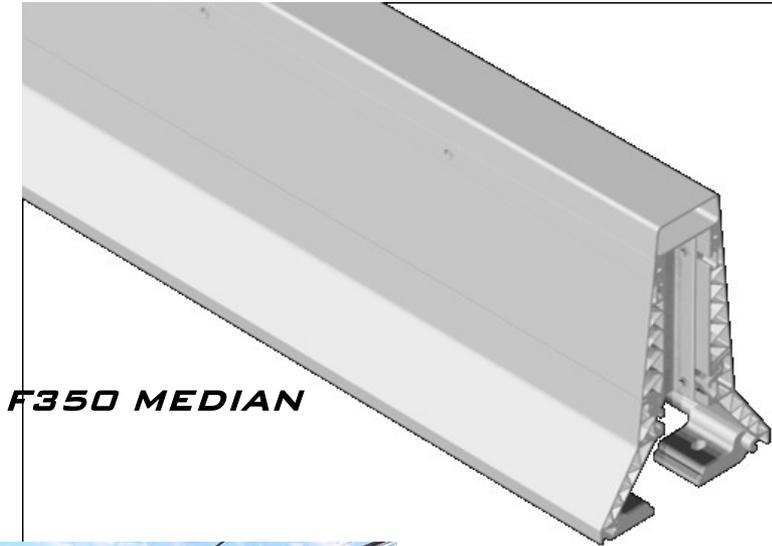
**NEW**

**VALENTINE & COMPANY'S**

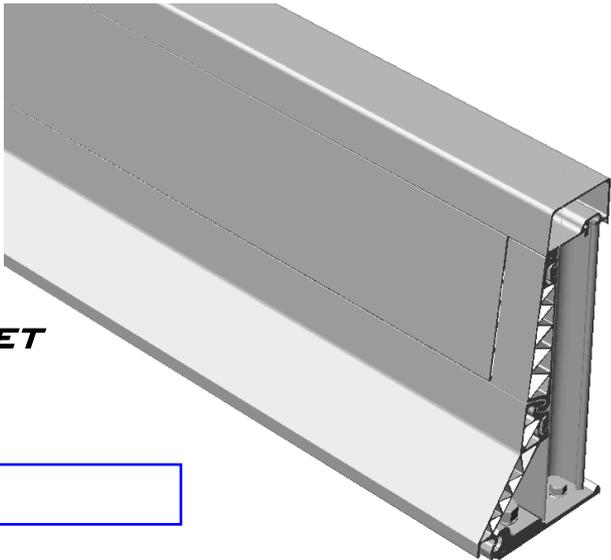
**F-SHAPE BARRIERS:**

- F350 ALUMINUM MEDIAN
- F350 ALUMINUM PARAPET

THAT MEET NCHRP REPORT 350 TEST LEVEL 4.  
THESE ARE PATENTED PROPRIETARY BARRIERS.



**F350 MEDIAN**



**F350 PARAPET**

A  
TYPICAL  
PANEL  
JOINT,  
AT A  
POST, IS  
SHOWN



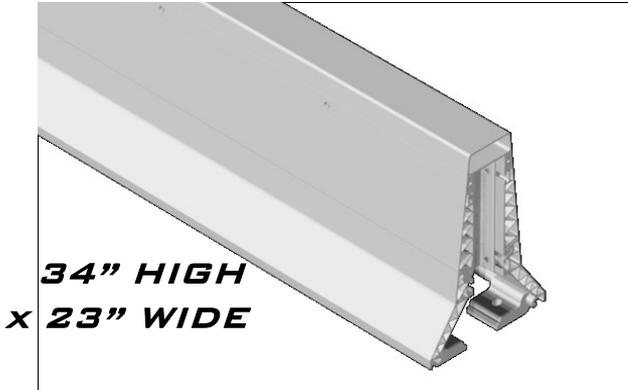
WE CAN  
LIGHTEN  
THE LOAD

VIEW THE [FHWA ACCEPTANCE LETTER](#)

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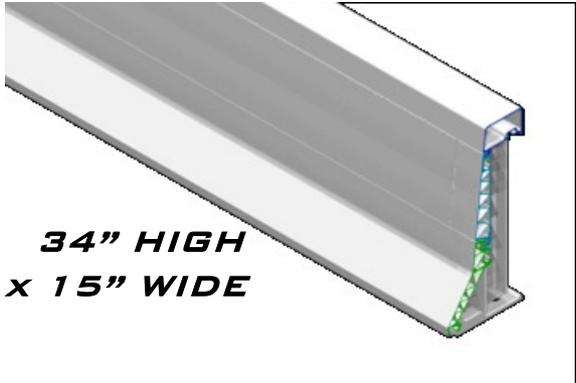
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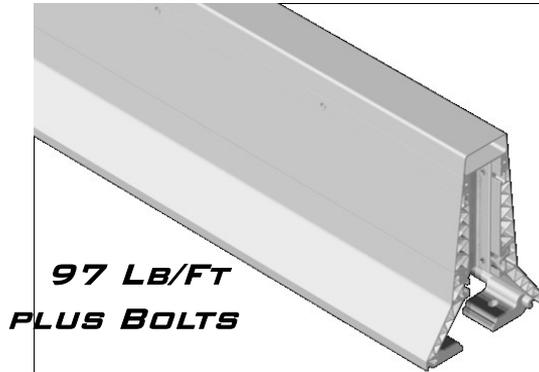


TRUSS-CORE  
RESILIENCE

F-SHAPE  
PERFORMANCE

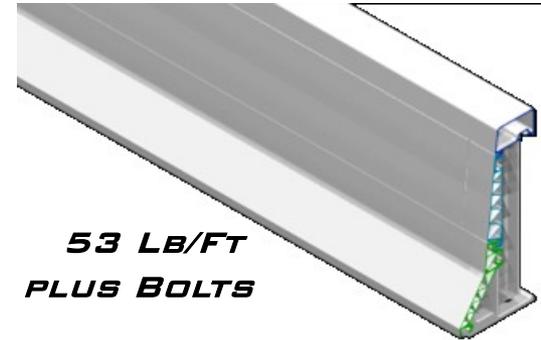


- DESIGNED FOR:
- **STRONG IMPACT PERFORMANCE**
    - ON-SITE ASSEMBLY
  - **ECONOMICAL ERECTION**
    - LOW-TO-NO MAINTENANCE
    - BARRIER CONTINUITY
  - **LOW WEIGHT**



REMEMBER THE JERSEY SHAPE  
ALUMINUM BARRIERS FROM THE  
1970'S?

THERE ARE BIG DIFFERENCES  
BETWEEN THOSE OLDER  
BARRIERS AND THESE NEW  
STRUCTURES.



**BARRIER CONTINUITY:**

THESE BARRIERS USE A LAPPED CONSTRUCTION  
SIMILAR TO THE SIDING ON A HOUSE. LAP JOINTS  
ARE STAGGERED, ONLY ONE PER POST.  
NO MORE STAND ALONE SEGMENTS.

**ON-SITE ASSEMBLY YIELDS**

**ECONOMICAL FIELD ERECTION:**  
NO MORE THROUGH-FACE BOLTING. OUR  
LAPPED LAY-UP OF PANELS, PLUS CLAMP BAR  
FASTENING GETS THE JOB DONE QUICKLY.

**LOW-TO-NO MAINTENANCE:**

50 YEARS OF SERVICE FROM ALUMINUM  
BRIDGE RAILINGS, SIGN TRUSSES AND  
LIGHT POLES STAND IN TESTAMENT IN  
EVERY STATE OF THIS UNION.

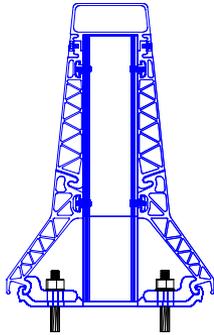
**FHWA ACCEPTANCE:**

PERFORMANCE IS ENHANCED.  
THESE 21<sup>ST</sup> CENTURY BARRIERS MEET  
NCHRP REPORT 350 TEST LEVEL 4.

**Valentine Urban Systems  
Bridge Barriers**

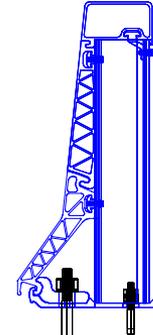
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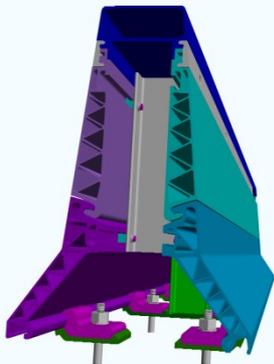
JUST  
UNDER  
24" WIDE

TO LOWER STATIC LOAD,  
TO SAVE DECK SPACE.  
**USE METAL BARRIERS  
INSTEAD OF CONCRETE BARRIERS**

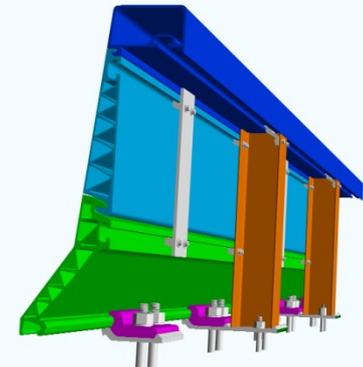


JUST  
UNDER  
15" WIDE

THESE BARRIERS ALLOW THE DECK  
DESIGNER TO PLACE ANCHORS AND  
POSTS WHERE-EVER THE STRUCTURE IS  
BEST SUITED TO CARRY THE LOAD.  
**OUR ATTACHMENT POINT FLEXIBILITY  
PROVIDES ADDITIONAL SAVINGS**



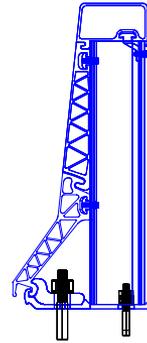
ANCHORAGE OVER, OR NEAR, EXPANSION  
JOINTS IS A WALK IN THE PARK FOR THESE  
BARRIERS. CALL FOR DETAILS.



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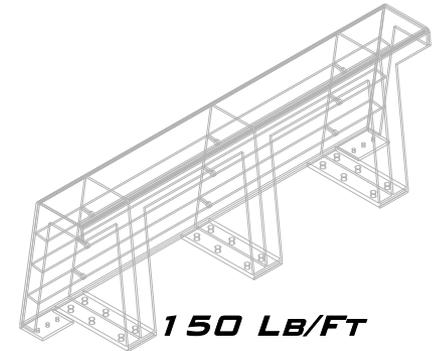
**53 LB/FT  
PLUS BOLTS**

LOWERING BARRIER  
WEIGHT REDUCES  
CABLING  
REQUIREMENTS  
WHICH, IN TURN,  
LEADS TO  
**REDUCED  
STRUCTURE COSTS.**



USING ALUMINUM  
BARRIERS  
INSTEAD OF **STEEL**  
BARRIERS

- REDUCES STATIC LOAD,
- **USES LESS DECK SPACE**



**150 LB/FT  
PLUS BOLTS**

- REDUCES STRUCTURE  
**COST.**



USING ALUMINUM  
BARRIERS  
INSTEAD OF **CONCRETE**  
BARRIERS

- REDUCES STATIC LOAD,
- **REDUCES STRUCTURE  
COST.**

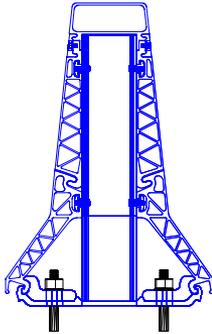


**300 LB/FT  
PLUS  
RE-BAR**

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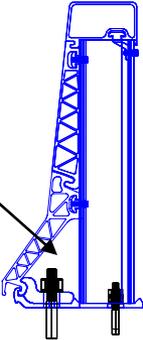
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**BOTH STYLES SHIP AT  
34" HIGH FOR EXTRA  
PROTECTION.**

**EASILY ACCEPTS A  
3" SCH 40 PVC  
CONDUIT**



**DRAINAGE IS NEVER  
COMPROMISED IN THESE  
FLOW-THROUGH DESIGNS.  
  
IF NEEDED, DECK WATER  
CONTROL CAN BE ADDED  
WITH AVAILABLE INTEGRAL  
CURBS.**



**FOR MORE INFORMATION  
ON THESE F350 BARRIERS  
PLEASE CALL 513 422 1055  
OR EMAIL  
[TECHSUPPORT@VALENTINECOMPANY.COM](mailto:TECHSUPPORT@VALENTINECOMPANY.COM)**

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