ROADWAY SIGNS AND SERVICES, LLC

PRODUCT AND MATERIAL SUBMITTAL

3.00 LB/FT U-CHANNEL SUPPORT SYSTEM, BREAKAWAY HARDWARE, SIGN PANELS AND 3M HIGH INTENSITY PRISMATIC REFLECTIVE SHEETING

Project	Village of Pinecrest	**Date**	September 25, 2026
Submitted To	Tri-County	**Submitted By**	Roadway Signs and Services, LLC
Submittal No.	1	**Revision**	Initial
Purpose	Product/material review and approval	**Scope**	Sign supports, breakaway hardware, sign panels, reflective sheeting and sign layouts

SUBMITTAL SCOPE

This submittal presents the proposed sign support system, breakaway hardware, sign panel material, reflective sheeting and sign layouts: 3.00 lb/ft perforated U-channel post, SAFETY-SPLICE breakaway hardware, .080 in aluminum sign panels, 3M High Intensity Prismatic Reflective Sheeting, and the sign layouts shown in this package.

PROPOSED COMPONENTS

COMPONENT	PROPOSED PRODUCT	KEY DATA
Sign Support	3.00 lb/ft perforated U-channel	Profile: 1.750 in high x 3.500 in overall width
Breakaway	SAFETY-SPLICE signpost system	Nested post splice with bolts, spacers, washers and retaining strap as shown
Sign Panel	.080 in traffic-grade aluminum blank	Alloy 5052-H38; Alodine-treated bare; routable; radius corners as applicable
Reflective Sheeting	3M High Intensity Prismatic Reflective Sheeting Series	Traffic sign reflective sheeting for all sign faces shown in this package
Sign Layouts	Sign package	30 x 30 STOP; 18 x 18 accessible symbol + 18 x 12 tow-away/fine plaque; 30 x 36 RIGHT TURN ONLY

GENERAL NOTES

- Final fabrication and installation shall follow the approved project plans, governing specifications and manufacturer requirements.
- Sign colors, legends and dimensions shall match the submitted layouts and any project-specific requirements.
- The proposed system consists of the 3.00 lb/ft U-channel post, SAFETY-SPLICE breakaway hardware, .080 in aluminum sign panels, and 3M High Intensity Prismatic Reflective Sheeting Series.

SIGN PANEL, REFLECTIVE SHEETING AND SIGN SCHEDULE

ALUMINUM SIGN PANEL

- .080 in aluminum blanks
- Alloy 5052-H38
- Traffic-grade, Alodine-treated bare
- Routable and ready for top coat
- Radius corners as applicable

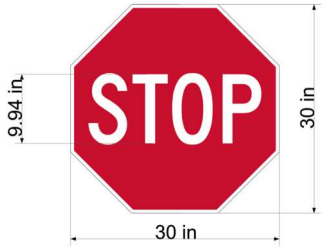
REFLECTIVE SHEETING

- 3M High Intensity Prismatic Reflective Sheeting Series
- Pressure-sensitive traffic sign sheeting
- Traffic sign colors as required by submitted layouts
- Specified for all sign faces shown in this package

SIGN SCHEDULE

ITEM	SIGN	SIZE	PANEL	FACE / GRAPHICS
1	**STOP**	30 x 30 in	.080 in 5052-H38 aluminum	3M High Intensity Prismatic Series; red/white layout as submitted
2	**Accessible Symbol**	18 x 18 in	.080 in 5052-H38 aluminum	3M High Intensity Prismatic Series; blue/white layout as submitted
3	**Permit / Tow-Away / Fine Plaque**	18 x 12 in	.080 in 5052-H38 aluminum	3M High Intensity Prismatic Series; black/white layout as submitted
4	**RIGHT TURN ONLY**	30 x 36 in	.080 in 5052-H38 aluminum	3M High Intensity Prismatic Series; black/white layout as submitted

LAYOUT PREVIEWS



30 x 30 in STOP

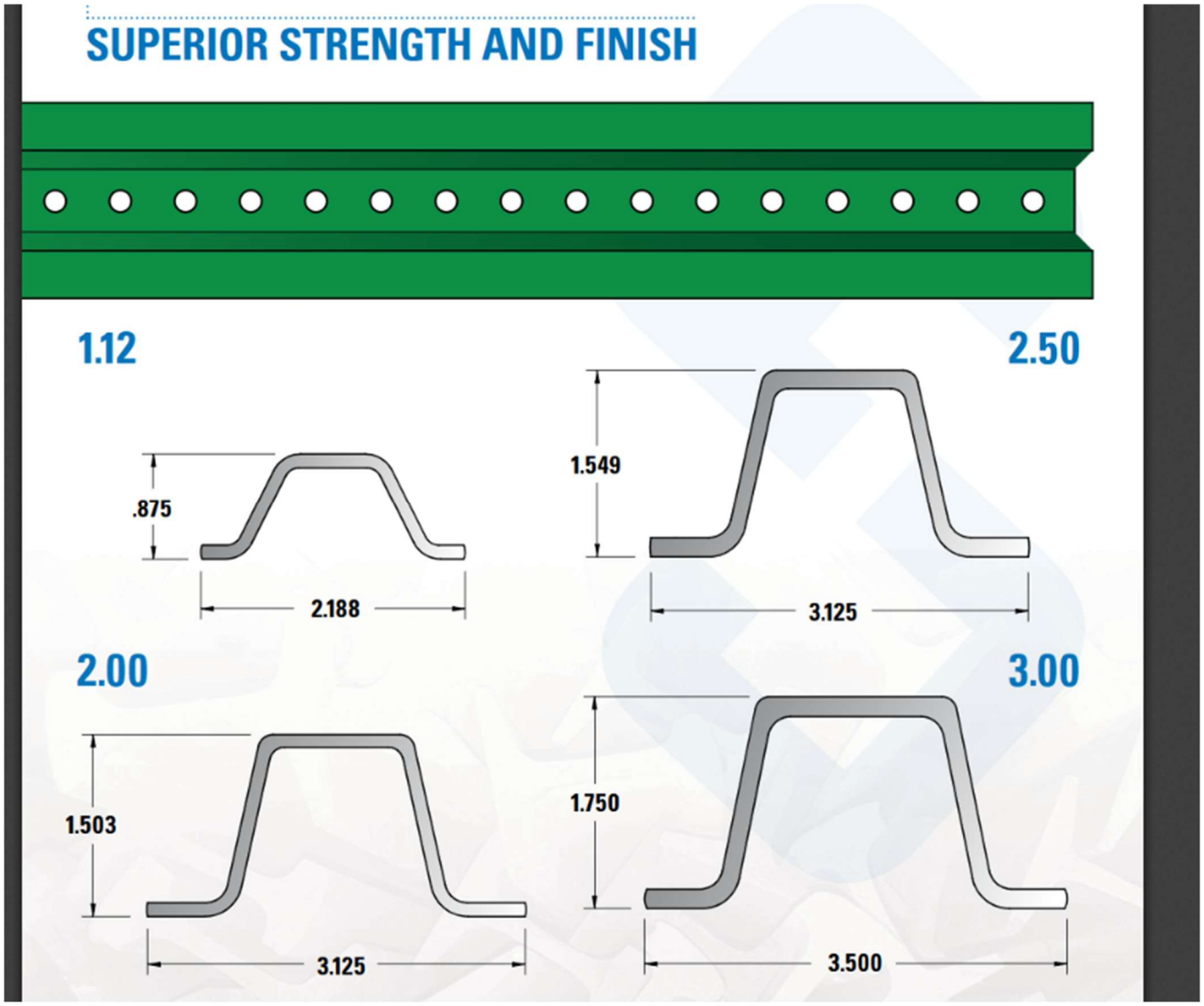
18 x 18 + 18 x 12 in accessible assembly

30 x 36 in RIGHT TURN ONLY

FABRICATION NOTES

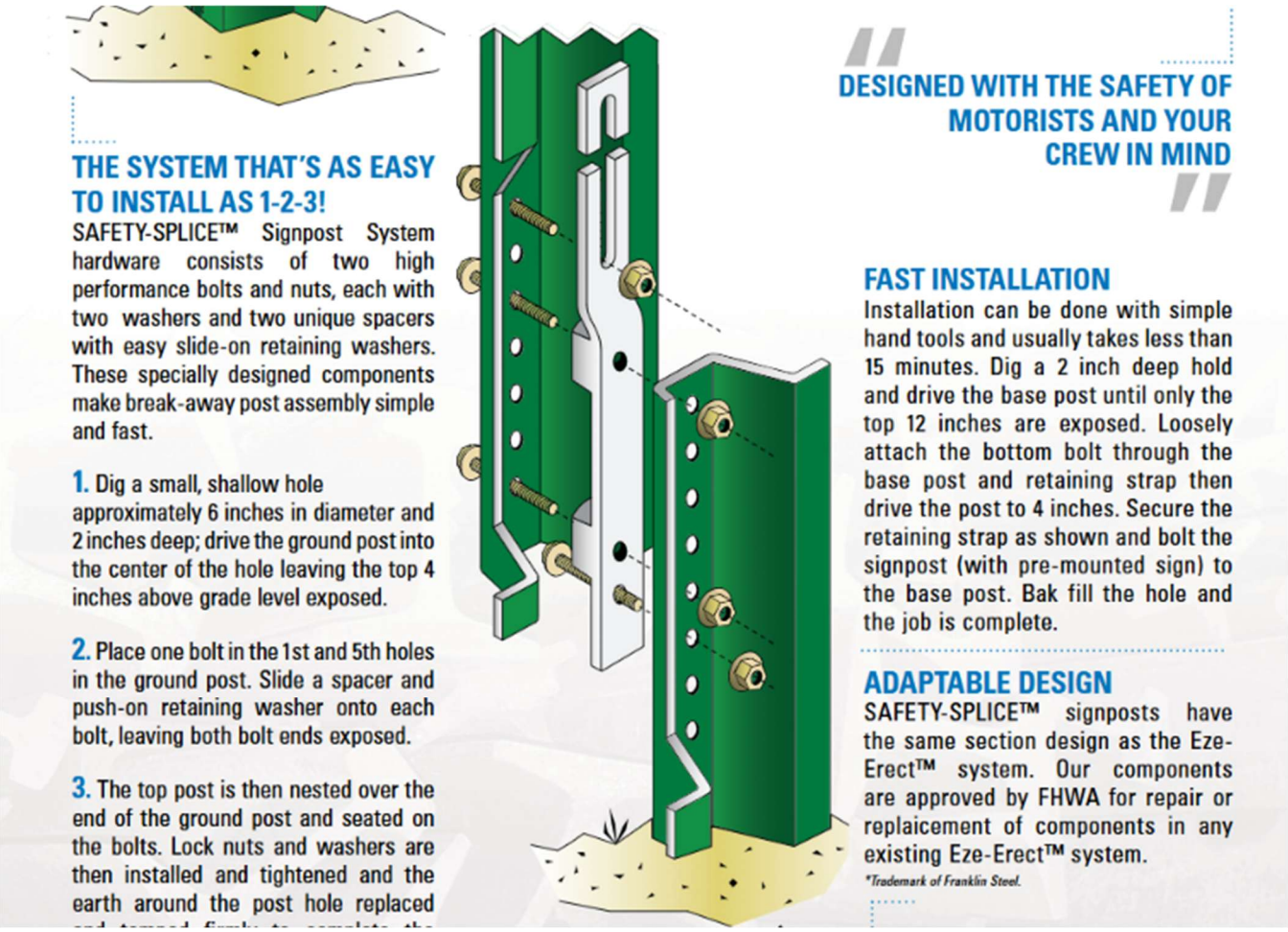
- Sign blanks to be .080 in aluminum, Alloy 5052-H38, with Alodine-treated bare traffic-grade finish as shown in the submitted panel literature.
- Reflective sign faces to use 3M High Intensity Prismatic Reflective Sheeting Series. Graphics and colors to follow the submitted sign layouts.
- Accessible parking assembly is submitted as two 18 in wide panels: an 18 x 18 in symbol panel above an 18 x 12 in permit/tow-away/fine plaque.
- Mounting hole pattern and final sign mounting details shall be coordinated with the approved post/support configuration and project requirements.

MANUFACTURER LITERATURE - 3.00 LB/FT U-CHANNEL PROFILE



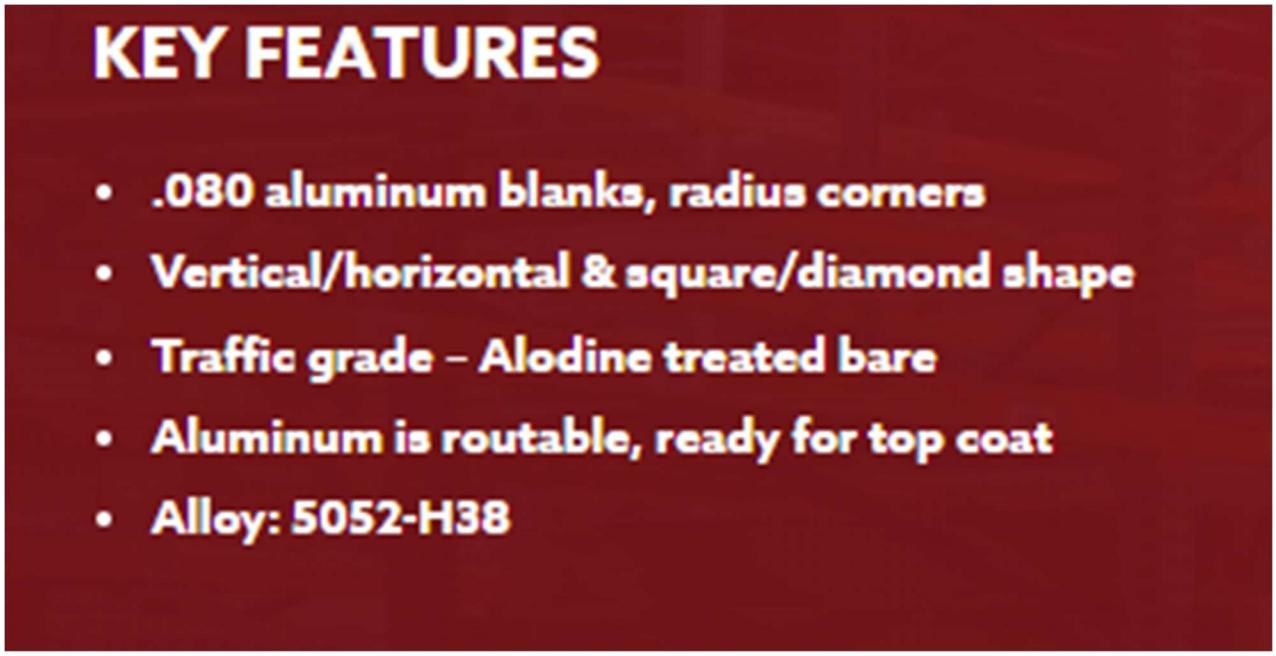
Selected profile: 3.00 lb/ft | 1.750 in profile height | 3.500 in overall profile width

MANUFACTURER LITERATURE - SAFETY-SPLICE BREAKAWAY SYSTEM



SAFETY-SPLICE breakaway configuration and installation literature

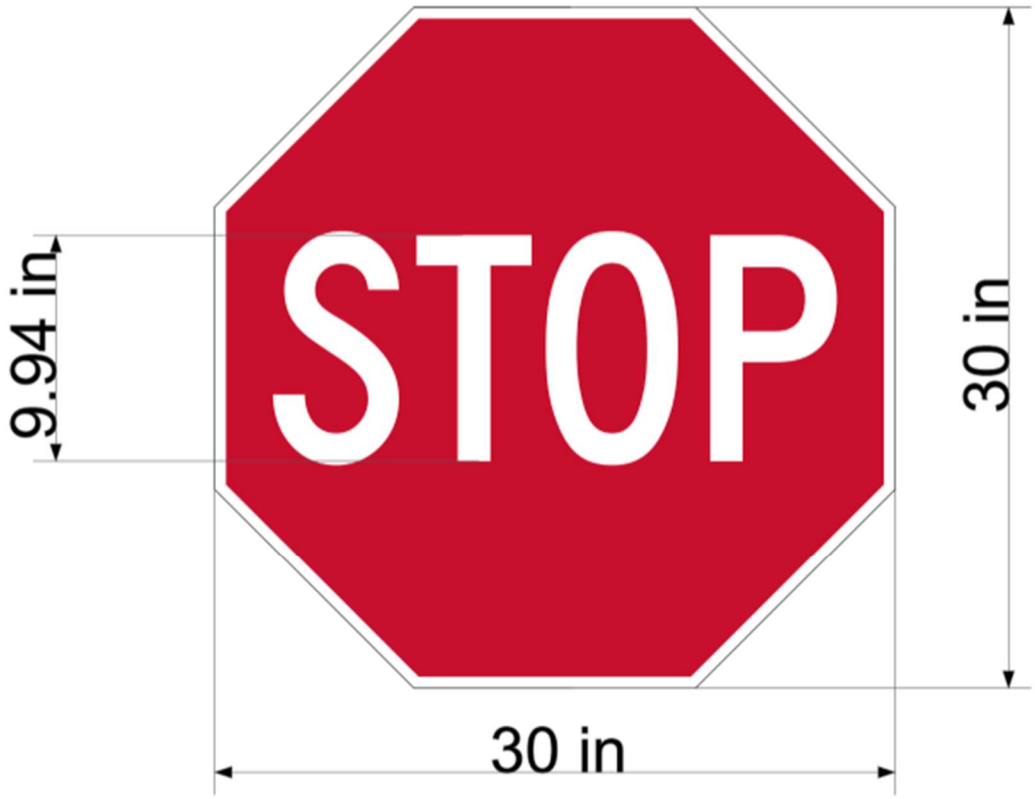
PRODUCT LITERATURE - .080 IN ALUMINUM SIGN PANEL



SUBMITTED PANEL FEATURES

• .080 aluminum blanks with radius corners
• Vertical/horizontal and square/diamond shapes
• Traffic grade - Alodine-treated bare
• Aluminum is routable and ready for top coat
• Alloy: 5052-H38

SUBMITTED SIGN LAYOUT - 30 X 30 IN STOP

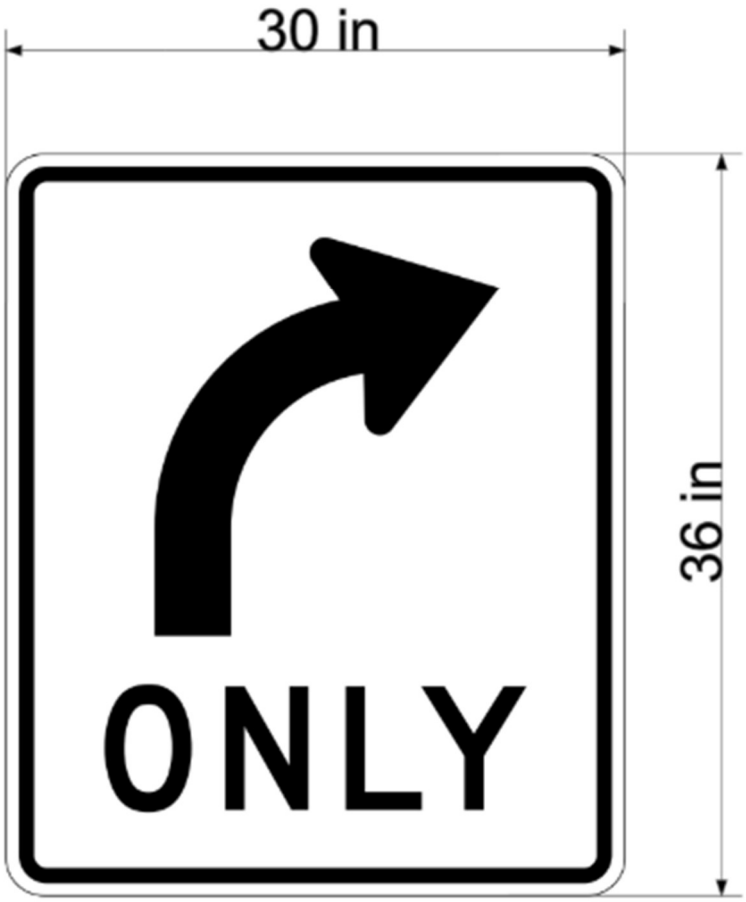


Overall sign size: 30 x 30 in

SUBMITTED SIGN LAYOUT - ACCESSIBLE PARKING ASSEMBLY

Accessible symbol panel: 18 x 18 in | Permit / tow-away / fine plaque: 18 x 12 in | Overall submitted assembly: 18 x 30 in

SUBMITTED SIGN LAYOUT - 30 X 36 IN RIGHT TURN ONLY



Overall sign size: 30 x 36 in

MANUFACTURER REFERENCE - 3M HIGH INTENSITY PRISMATIC SERIES

3M HIGH INTENSITY PRISMATIC REFLECTIVE SHEETING

- Series 3930 is a microprismatic reflective sheeting intended for durable traffic control and guidance sign applications.
- Manufacturer material literature identifies Series 3930 for traffic sign applications and traffic sign colors.
- The sheeting uses a pressure-sensitive adhesive and is applied to properly prepared sign substrates in accordance with manufacturer instructions.
- 3M High Intensity Prismatic Reflective Sheeting Series 3930 is specified for all sign faces shown in this package.

SUBMITTED MATERIAL IDENTIFICATION

Product	3M High Intensity Prismatic Reflective Sheeting Series 3930
Use	Traffic control and guidance sign faces
Application	Pressure-sensitive reflective sheeting applied to aluminum sign blanks
Status in this package	Specified reflective sheeting for all sign faces shown in this package