

City of Topeka, Kansas Wayfinding Program

Revised Design Intent - REISSUED

October 10, 2018



Lake Wellington Professional Centre Studio Suite 110-Y1 12161 Ken Adams Way Wellington, FL 33414

561.282.6205 axiacreative.com

CONTENTS

Program Overview

Program Elements Family of Sign Types Colors & Finishes Drawing Devices

Structural

- G1 Primary Gateway (Horizontal)
- G2 Secondary Gateway (Vertical)
- G3 Tertiary Gateway (Small)
- V1 Tall Primary Vehicular Guides
- V2 Short Primary Vehicular Guides
- V3 Tall Secondary Vehicular Guides
- V4 Short Secondary Vehicular Guides
- V5 Tertiary Vehicular Guides (Parking)
- T1 Freedom's Frontier Trailblazer

Graphics

Fonts, Arrows and Symbols

- G1 Primary Gateway (Horizontal)
- G2 Secondary Gateway (Vertical)
- G3 Tertiary Gateway (Small)
- V1 Tall Primary Vehicular Guides
- V2 Short Primary Vehicular Guides
- V3 Tall Secondary Vehicular Guides
- V4 Short Secondary Vehicular Guides
- V5 Tertiary Vehicular Guides (Parking)
- T1 Freedom's Frontier Trailblazer





1.2
2.1
2.2
2.3
3.1
3.2
3.3
3.5
3.6
3.7
3.8
3.9
3.11
4.1
4.2
4.3
4.4
4.5
4.6
4.7
4.8
4.9
4.10

PROGRAM OVERVIEW

The City of Topeka wayfinding program supports a branding, destination development and marketing plan initiated by Visit Topeka. In addition to the primary goal of improving visitor navigation through the City and to its destinations, the program will help establish aesthetic features that celebrate the Topeka brand and unify the entire region as a definitive class one destination.

This document represents Axia Creative's revised design intent which includes details that have been value-engineered to reduce cost of the original design. It is a communication device for prospective bidders to understand the form and function of elements that constitute the system.

This Design Intent document is one of three companion documents that include the Message Schedule and the Location Plan. Together, with the RFP, they constitute the Bid Documents.

From the Bid Documents, gualified bidders shall formulate and submit their bid to fabricate, deliver and install all items required to fulfill the contracted scope of work as described herein.

All design concepts, production art, written content and aesthetic format contained in this Design Intent document are proprietary and are the legal property of Axia Creative and the Visit Topeka organization. The recipient agrees not to use or disclose this material, or to make copies or use parts thereof, without the written consent of Axia Creative and/or Visit Topeka.

This and the companion documents shall be used by the Sign Contractor to prepare detailed shop drawings that demonstrate qualified engineering and fabrication methodology for the successful implementation of the wayfinding program. Detailed shop drawings with specification details shall be submitted to Axia and an authorized Visit Topeka representative for review and approval prior to proceeding with fabrication.

The Sign Contractor is responsible for matching all colors, finishes and materials specified in this document and is required to provide Axia and Visit Topeka samples for review and approval prior to full execution.

The Sign Contractor shall be responsible for verification of all dimensions, engineering, wind load, foundation compliances and field conditions relative to the project prior to material order and component fabrication.

Axia and an authorized Visit Topeka representative

shall be notified, in writing, of any contrary conditions or discrepancies in these documents that may pose challenges for the successful fabrication and installation of the intended program.

Alternate materials, finishes and proposed structuring may be considered as long as the design and performance of the system are not compromised and it can be demonstrated that they are of equal or better quality. All proposed alternates must be conveyed to Axia and the authorized Visit Topeka representative in writing prior to fabrication commencement.

Please note that visual accuracy of the colors and finishes represented in this document may not be consistent with actual manufacturer's swatches and samples due to limitations of color printing technology. The Sign Contractor is required to appropriate actual color swatches and material samples from the approved manufacturer. All colors and graphic imagery shall receive the maximum UV protection.

Templates and production-ready art will be available for download from the Topeka project website. Reproducible art will be formatted as vectorized pdfs. Templates will be formatted as layered Adobe (CS6) Illustrator files including fonts. Access information to



the project website shall be provided upon request.

The Sign Contractor shall provide electronic production layouts of all message panels to Axia for approval prior to final graphic application.

Production artwork, graphics, design concepts and formulas shall be used solely for the execution of the project represented in this document. They may not be used in the course of future projects, resold or reconstituted without Axia's written consent.

All exposed welds and edges shall be ground smooth. All seams shall be filled and painted to match surrounding surface or as otherwise specified in the design intent drawings. All fasteners not meant for a visual aesthetic, to secure access panels or removable components shall be concealed. All exposed painted sign surfaces shall receive UV overlaminate with Anti-Graffiti properties.

All painted, screen printed and/or vinyl surfaces shall be devoid of scratches, nicks, tears, smudges or all blemishes due to the process of fabrication, transport and installation.



Program Elements



G1 - Primary Gateway

G2 - Secondary Gateway

G3 - Tertiary Gateway



FAMILY OF SIGN TYPES



Code	Name	Swatch	Specification	Description / Comments	Manufacturer
PAINT	& INK				
P1	Dark Blue		Match PMS 2755 C=100, M=100, Y=26, K=27	Matthews Polyurethane Clear Coat Satin Paint used for non reflective or powdercoated surfaces. 3M™ UV-cure3M™ UV-cured inkjet ink - included in full size graphic templates. Direct Embed's powder coating process for all V and G sign types.	PPG/Matthews Paint 3M Direct Embed Coating Systems
P2	Light Blue		Match PMS 3135 C=84, M=32, Y=23, K=0	3M [™] UV-cure3M [™] UV-cured inkjet ink - included in full size graphic templates. Direct Embed's powder coating process for all V and G sign types.	3M Direct Embed Coating Systems
P3	Purple		Match PMS 7670 C=77, M=78, Y=11, K=1	3M [™] UV-cure3M [™] UV-cured inkjet ink - included in full size graphic templates. Direct Embed's powder coating process for all V and G sign types.	3M Direct Embed Coating Systems
P4	Lime Green		Match PMS 375 C=46, M=0, Y=100, K=0	3M [™] UV-cure3M [™] UV-cured inkjet ink - included in full size graphic templates. Direct Embed's powder coating process for all V and G sign types.	3M Direct Embed Coating Systems
P5	Yellow		Match PMS 7406 C=5, M=22, Y=100, K=0	3M [™] UV-cure3M [™] UV-cured inkjet ink - included in full size graphic templates. Direct Embed's powder coating process for all V and G sign types.	3M Direct Embed Coating Systems
P6	Vermillion		Match PMS 172 C=0, M=87, Y=100, K=0	3M [™] UV-cure3M [™] UV-cured inkjet ink - included in full size graphic templates. Direct Embed's powder coating process for all V and G sign types.	3M Direct Embed Coating Systems
P7	Black		Match PMS Black C=0, M=0, Y=, K=100	Matthews Polyurethane Clear Coat Satin Paint Used for gateway frames and vehicular guide support poles	PPG/Matthews Paint 3M
P8	White		Match PMS White C=0, M=0, Y=0, K=0	Direct Embed's powder coating process for all V and G sign types.	Direct Embed Coating Systems
P9	FF Black		(No PMS Match) C=65, M=66, Y=52, K=51	3M [™] UV-cure3M [™] UV-cured inkjet ink - included in full size graphic templates. Direct Embed's powder coating process for all V and G sign types.	3M Direct Embed Coating Systems
P10	FF Red		(No PMS Match) C=0, M=86, Y=100, K=24	3M [™] UV-cure3M [™] UV-cured inkjet ink - included in full size graphic templates. Direct Embed's powder coating process for all V and G sign types.	3M Direct Embed Coating Systems
VINYL					
V1	Retroreflective White Vinyl		4090T White	Diamond Grade™ DG ³ Reflective Sheeting Used for reflective message panels	3M

Colors used to represent the Topeka brand and wayfinding system are represented by the Pantone Matching System and corresponding CMYK formulas. Unless otherwise specified, all finish colors shall be formulated to match the color specifications is this construct. in this schedule.

COLORS & FINISHES



DRAWING DEVICES

Scale Figures:

Men represent a 6'-0" figure.

Women represent a 5'-6" figure.



Structural









- Panel assembly consists of 1/8" thick aluminum sheet fastened and/or laminated to 19 mm closed-cell PVC foamboard (Sintra) or approved equal. Mechanically fasten panel assembly to square aluminum frame. Surface panel covered with graphic embedded powder coat (Direct Embed Coating Systems, LLC). Prime and paint all exposed edges and back surfaces with Matthews Polyurethane Clear Coat Satin to match aluminum frame.
- Natural stone over CMU structural wall. Stone type TBD pending local source availability. Match visuals as close as possible. Use hidden mortar technique. Fabricator to engineer structure and foundation base. Submit details in shop drawings submitted to designer and City of Topeka for review and approval.
- 3. Philips Stonco Lytepro LED Small Floodlight 40W LPF2 powered by solar panel mounted behind wall not visible to oncoming traffic.
- 4. Mounting frame made from 3" x 3" square aluminum tubing.

$\overline{\underline{\Lambda}}$	/	/
	/	/
	/	/
	/	/



Scale: 3/8"=1'-0"

Scale: 3/8"=1'-0"

- Panel assembly consists of 1/8" thick aluminum sheet fastened and/or laminated to 19 mm closed-cell PVC foamboard (Sintra) or approved equal. Mechanically fasten panel assembly to square aluminum frame. Surface panel covered with graphic embedded powder coat (Direct Embed Coating Systems, LLC). Prime and paint all exposed edges and back surfaces with Matthews Polyurethane Clear Coat Satin to match aluminum frame.
- Natural stone over CMU structural wall. Stone type TBD pending local source availability. Match visuals as close as possible. Use hidden mortar technique. Fabricator to engineer structure and foundation base. Submit details in shop drawings submitted to designer and City of Topeka for review and approval.
- 3. Philips Stonco Lytepro LED Small Floodlight 40W LPF2 powered by solar panel mounted behind wall not visible to oncoming traffic.
- 4. Mounting frame made from 3" x 3" square aluminum tubing.

$\overline{\underline{\uparrow}}$	/	/
	/	/
	/	/
	/	/









- Panel assembly consists of 1/8" thick aluminum sheet fastened and/or laminated to 19 mm closed-cell PVC foamboard (Sintra) or approved equal. Mechanically fasten panel assembly to square aluminum frame. Surface panel covered with graphic embedded powder coat (Direct Embed Coating Systems, LLC). Prime and paint all exposed edges and back surfaces with Matthews Polyurethane Clear Coat Satin to match aluminum frame.
- Natural stone over CMU structural wall. Stone type TBD pending local source availability. Match visuals as close as possible. Use hidden mortar technique. Fabricator to engineer structure and foundation base. Submit details in shop drawings submitted to designer and City of Topeka for review and approval.
- 3. Philips Stonco Lytepro LED Small Floodlight 40W LPF2 powered by solar panel mounted behind wall not visible to oncoming traffic.
- 4. Mounting frame made from 3" x 3" square aluminum tubing.

$\overline{\underline{\uparrow}}$	/	/
	/	/
	/	/
	/	/



- 1. 3" x 3" extruded aluminum/channel frame.
- 2. Aluminum angle mounting clip securing panel to frame.
- 3. 1/8" thick aluminum sheet fastened and/or laminated to 19 mm closed-cell PVC foamboard (Sintra) or approved equal.
- 4. 1/2"Ø threaded rod (or approved equal) embedded into stone or grout, secures mounting frame with nut and lock washer.
- 5. 2"Ø access hole.
- 6. Natural stone support wall.

	/	/
	/	/
	/	/
4	/	/





- 3/16" thick aluminum panel. Acid-wash aluminum sheet to remove oils. All exposed edges and surfaces that do not receive graphic imagery shall be painted with Matthews Polyurethane Satin Paint. Digitally print graphic faces with 3MTM UV-cured inkjet inks onto 3MTM Diamond Grade DG³ Reflective Sheeting applied to the prepared aluminum panel. Overlay with a transparent protective acrylic, 3MTM ElectroCutTM Film.
- 2. Tight seam at optimum location to preserve visual balance and use of material
- 3. Tamper-proof thru-bolts, lock washers and nuts.
- 4. Aluminum z-angle bar brackets fill weld to back of sign panel. U-bolts fasten through lower vertical face. Paint all exposed edges and surfaces with Matthews Polyurethane Satin Paint.
- 5. Aluminum z-clip and flat-bar joins two aluminum panels together. Paint all exposed edges and surfaces with Matthews Polyurethane Satin Paint.
- 6. 5" x 5" square steel pole. Fabricator to engineer wall thickness.
- Maintain 7'-0" from grade to bottom of vehicular guide signs. In regions where snow plows or maintenance vehicles require exceptional clearance, verify compliance requirements with the governing transportation authority.
- 8. Aluminum cap, welded and ground smooth.
- 9. 3000 PSI concrete base. Fabricator to engineer.

/	/
/	/
/	/
/	/



- 3/16" thick aluminum panel. Acid-wash aluminum sheet to remove oils. All exposed edges and surfaces that do not receive graphic imagery shall be painted with Matthews Polyurethane Satin Paint. Digitally print graphic faces with 3M[™] UV-cured inkjet inks onto 3M[™] Diamond Grade DG³ Reflective Sheeting applied to the prepared aluminum panel. Overlay with a transparent protective acrylic, 3M[™] ElectroCut[™] Film.
- 2. Tight seam at optimum location to preserve visual balance and use of material
- 3. Tamper-proof thru-bolts, lock washers and nuts.
- 4. Aluminum z-angle bar brackets fill weld to back of sign panel. U-bolts fasten through lower vertical face. Paint all exposed edges and surfaces with Matthews Polyurethane Satin Paint.
- 5. Aluminum z-clip and flat-bar joins two aluminum panels together. Paint all exposed edges and surfaces with Matthews Polyurethane Satin Paint.
- 6. 5" x 5" square steel pole. Fabricator to engineer wall thickness.
- Maintain 7'-0" from grade to bottom of vehicular guide signs. In regions where snow plows or maintenance vehicles require exceptional clearance, verify compliance requirements with the governing transportation authority.
- 8. Aluminum cap, welded and ground smooth.
- 9. 3000 PSI concrete base. Fabricator to engineer.

	/	/
	/	/
	/	/
4	1	/



- 1/8"thick aluminum panel. Acid-wash aluminum sheet to remove oils. All exposed edges and surfaces that do not receive graphic imagery shall be painted with Matthews Polyurethane Satin Paint. Digitally print graphic faces with 3M[™] UV-cured inkjet inks onto 3M[™] Diamond Grade DG³ Reflective Sheeting applied to the prepared aluminum panel. Overlay with a transparent protective acrylic, 3M[™] ElectroCut[™] Film.
- 2. Tight seam at optimum location to preserve visual balance and use of material
- 3. Tamper-proof thru-bolts, lock washers and nuts.
- Aluminum z-angle bar brackets fill weld to back of sign panel. U-bolts fasten through lower vertical face. Paint all exposed edges and surfaces with Matthews Polyurethane Satin Paint.
- 5. Aluminum z-clip and flat-bar joins two aluminum panels together. Paint all exposed edges and surfaces with Matthews Polyurethane Satin Paint.
- 6. 4" x 4" square steel pole. Fabricator to engineer wall thickness.
- Maintain 7'-0" from grade to bottom of vehicular guide signs. In regions where snow plows or maintenance vehicles require exceptional clearance, verify compliance requirements with the governing transportation authority.
- 8. Aluminum cap, welded and ground smooth.
- 9. 3000 PSI concrete base. Fabricator to engineer.

/	/
/	/
/	/
/	/





- 1/8"thick aluminum panel. Acid-wash aluminum sheet to remove oils. All exposed edges and surfaces that do not receive graphic imagery shall be painted with Matthews Polyurethane Satin Paint. Digitally print graphic faces with 3M[™] UV-cured inkjet inks onto 3M[™] Diamond Grade DG³ Reflective Sheeting applied to the prepared aluminum panel. Overlay with a transparent protective acrylic, 3M[™] ElectroCut[™] Film.
- 2. Tamper-proof thru-bolts, lock washers and nuts.
- 3. Aluminum z-angle bar brackets fill weld to back of sign panel. U-bolts fasten through lower vertical face. Paint all exposed edges and surfaces with Matthews Polyurethane Satin Paint.
- 4. 4" x 4" square steel pole. Fabricator to engineer wall thickness.
- Maintain 7'-0" from grade to bottom of vehicular guide signs. In regions where snow plows or maintenance vehicles require exceptional clearance, verify compliance requirements with the governing transportation authority.
- 6. Aluminum cap, welded and ground smooth.
- 7. 3000 PSI concrete base. Fabricator to engineer.

	/	/
	/	/
	/	/
4	/	/



- 1/8"thick aluminum panel. Acid-wash aluminum sheet to remove oils. All exposed edges and surfaces that do not receive graphic imagery shall be painted with Matthews Polyurethane Satin Paint. Digitally print graphic faces with 3M[™] UV-cured inkjet inks onto 3M[™] Diamond Grade DG³ Reflective Sheeting applied to the prepared aluminum panel. Overlay with a transparent protective acrylic, 3M[™] ElectroCut[™] Film.
- 2. Tamper-proof thru-bolts, lock washers and nuts.
- 3. Aluminum z-angle bar brackets fill weld to back of sign panel. U-bolts fasten through lower vertical face. Paint all exposed edges and surfaces with Matthews Polyurethane Satin Paint.
- 4. 4" x 4" square steel pole. Fabricator to engineer wall thickness.
- Maintain 7'-0" from grade to bottom of vehicular guide signs. In regions where snow plows or maintenance vehicles require exceptional clearance, verify compliance requirements with the governing transportation authority.
- 6. Aluminum cap, welded and ground smooth.
- 7. 3000 PSI concrete base. Fabricator to engineer.

	/	/
	/	/
	/	/
4	/	/



- 1. 5" x 5" square steel pole.
- 2. 4" x 4" square steel pole.
- 3. Grade
- 4. 3000 psi concrete footer.
- 5. Welded flange and mounting plate.
- FHWA-approved Transpo PoleSafe® breakaway supports (or approved equal) to be attached to J-bolts below and base flange above. Coupling to be engineered and installed according to manufacturer's specifications. Verify smaller size availability.
- 7. Galvanized "J" anchor bolts.

/	/
/	/
/	/
/	/



- 1. Sign type V structure
- 2. 1/8"thick aluminum panel. Acid-wash aluminum sheet to remove oils. All exposed edges and surfaces that do not receive graphic imagery shall be painted with Matthews Polyurethane Satin Paint. Digitally print graphic faces with 3M[™] UV-cured inkjet inks onto 3M[™] Diamond Grade DG³ Reflective Sheeting applied to the prepared aluminum panel. Overlay with a transparent protective acrylic, 3M[™] ElectroCut[™] Film. Paint back side to match adjoining panel.
- 3. Tamper proof machine bolt, nut and lock washers.
- 4. Aluminum z-angle bar brackets

$\overline{\underline{\uparrow\uparrow}}$	/	/
	/	/
	/	/
	/	/





- The inside edge of the sign panel must not invade the corresponding highway right-of-way or established setbacks. Fabricator shall verify right-of-way/ setback demarcations for all sign locations.
- 2. Sign panel
- 3. Maintain a minimum of 5'-0" and maximum of 7'-0" from street grade to bottom of vehicular guide signs. In areas where pedestrian paths occur under a vehicular guide, allow a minimum of 7'-0" from street grade to bottom of the sign. Do not block critical sight lines required for safe vehicle navigation. Verify compliance requirements with the governing transportation authority.
- 4. Street/Hwy shoulder (beginning of regulated right-of-way or set-back)
- 5. Grade
- 6. Concrete footer
- Concrete footer must never exceed more than 4" above grade to comply with regulated break-away systems. Multiple poles may be staggered in length to meet slope.
- 8. Variable height from grade

1	/	/
	/	/
3	/	/
	/	/



Graphics

State Capitol AaBbCcDdEeFfGgHhIiJjKkLlMmNn 1234567890



PARK AaBbCcDdEeFfGgHhIiJjKkLlMmNn 1234567890

2 Font - Clearview Highway 4B Scale: NS











SPECIFICATIONS

Clearview Highway 2B is used on all vehicular guide signs. Letter kerning shall be set to 0 in all cases.

Clearview Highway 4B is used for the word "PARK" on V3 vehicular guides.

All typography shall be set exactly as specified in these drawings. The fabricator shall submit full alphabet print outs of fonts generated from their production software to assure that their version matches that which is specified.

Production artwork files are available as vectorized pdfs which are scalable vector formats. They can be viewed with any pdf reader or opened with most industry standard design and publishing software.

All artwork is available for download from the Topeka wayfinding project website. Access credentials shall be provided by an authorized Visit Topeka representative upon request

Reconstructed art or digitized versions from printed copies shall not be used. Only original electronic files generated by Axia may be used for application onto signage.

	/	/
2	/	/
3	/	/
	/	/







 Digitally print graphic faces with 3M[™] UV-cured inkjet inks onto 3M[™] Diamond Grade DG³ Reflective Sheeting applied to the prepared aluminum panel. Overlay with a transparent protective acrylic, 3M[™] ElectroCut[™] Film. Paint back side to match adjoining panel.

$\overline{\underline{\uparrow\uparrow}}$	/ /
	/ /
3	/ /
4	/ /







 Digitally print graphic faces with 3M[™] UV-cured inkjet inks onto 3M[™] Diamond Grade DG³ Reflective Sheeting applied to the prepared aluminum panel. Overlay with a transparent protective acrylic, 3M[™] ElectroCut[™] Film. Paint back side to match adjoining panel.

$\overline{\underline{\uparrow\uparrow}}$	/ /
	/ /
3	/ /
4	/ /







 Digitally print graphic faces with 3M[™] UV-cured inkjet inks onto 3M[™] Diamond Grade DG³ Reflective Sheeting applied to the prepared aluminum panel. Overlay with a transparent protective acrylic, 3M[™] ElectroCut[™] Film. Paint back side to match adjoining panel.

$\overline{\bigtriangleup}$	/	/
	/	/
3	/	/
4	/	/



- 1. In all cases, the first message line is positioned at a fixed measurement from the left top corner of the sign panel to the message baseline.
- 2. A 3/4" thick blue line separates two messages with unique directional arrows.
- 3. The capital letter height shall be 5 inches. The directional arrow shall measure 5" x 5" and shall be center-aligned with the capital letter.
- 4. When a subsequent message requires a different directional arrow, it is separated from the preceding message with a blue line. It is positioned 4 3/4" from the preceding message's baseline to the top edge of the blue line.
- 5. A message that follows a blue line is positioned 10" from the bottom edge of the blue line to the message's baseline.
- 6. The length of a message shall not exceed a 5" margin from the right edge of the panel. It is recommended that the character count, including spaces, does not exceed 18. Do not reduce letter spacing or force condense the letters.
- 7. When a subsequent message requires the same directional arrow as the preceding one, no blue line shall separate them. It is positioned 1'-0" from the preceding message's baseline to its own baseline.

/ /	
/ /	
/ /	
/ /	







- 1. In all cases, the first message line is positioned at a fixed measurement from the left top corner of the sign panel to the message baseline.
- 2. A 3/4" thick blue line separates two messages with unique directional arrows.
- 3. The capital letter height shall be 5 inches. The directional arrow shall measure 5" x 5" and shall be center-aligned with the capital letter.
- 4. When a subsequent message requires a different directional arrow, it is separated from the preceding message with a blue line. It is positioned 4 3/4" from the preceding message's baseline to the top edge of the blue line.
- 5. A message that follows a blue line is positioned 10" from the bottom edge of the blue line to the message's baseline.
- 6. The length of a message shall not exceed a 5" margin from the right edge of the panel. It is recommended that the character count, including spaces, does not exceed 18. Do not reduce letter spacing or force condense the letters.

	/	/
	/	/
	/	/
4	/	/





- 1. In all cases, the first message line is positioned at a fixed measurement from the left top corner of the sign panel to the message baseline.
- 2. A 1/2" thick blue line separates two messages with unique directional arrows.
- 3. The capital letter height shall be 5 inches. The directional arrow shall measure 4" x 4" and shall be center-aligned with the capital letter.
- 4. When a subsequent message requires a different directional arrow, it is separated from the preceding message with a blue line. It is positioned 4" from the preceding message's baseline to the top edge of the blue line.
- 5. A message that follows a blue line is positioned 8" from the bottom edge of the blue line to the message's baseline.
- 6. The length of a message shall not exceed a 4" margin from the right edge of the panel. It is recommended that the character count, including spaces, does not exceed 18. Do not reduce letter spacing or force condense the letters.
- 7. When a subsequent message requires the same directional arrow as the preceding one, no blue line shall separate them. It is positioned 10" from the preceding message's baseline to its own baseline.

/ /	
/ /	
/ /	
/ /	







- 1. In all cases, the first message line is positioned at a fixed measurement from the left top corner of the sign panel to the message baseline.
- 2. The capital letter height shall be 5 inches. The directional arrow shall measure 4" x 4" and shall be center-aligned with the capital letter.
- 3. The length of a message shall not exceed a 4" margin from the right edge of the panel. It is recommended that the character count, including spaces, does not exceed 18. Do not reduce letter spacing or force condense the letters.
- 4. When a subsequent message requires the same directional arrow as the preceding one, no blue line shall separate them. It is positioned 10" from the preceding message's baseline to its own baseline.

	/ /
2	/ /
3	/ /
	/ /







$\overline{\underline{\Lambda}}$	/	/
	/	/
	/	/
	/	/







1. The area below the dashed line is the live, visible area. The area above the dashed line is obscured behind the vehicular guide panel.

/	/
/	/
/	/
/	/