Docusign Envelope ID: 26802295-3CD8-8E50-80CF-5CD34BF3DEF2

HDR Engineering, Inc. of the Carolinas
555 Fayetteville St, Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

TIP NO.	SHEET NO.
U-3422B	SIGN-3

APPROVED: Michael T. Rzepka

DATE: 11/3/2026

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 15876 ENGINEER MICHAEL T. RZEPKA

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 301 & 302
TYPE: D
QUANTITY: 2

SIGN WIDTH: 5′-0″
HEIGHT: 2′-0″
TOTAL AREA: 10.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0″
WIDTH: 0.75″
RADII: 3″

NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

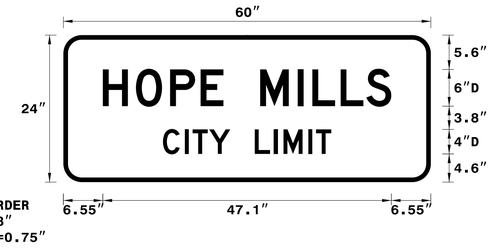
SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2 mm) ALUMINUM

USE NOTES: 1,2

1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: R DRAYTON CHECKED BY: R KING Jan 26, 2023
PROJECT ID: U-3422 DIV: 6



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

														Series/Size Text Length
	H	O	P	E		M	I	L	L	S				D 2000
6.5	5.4	5.6	5	3.7	6	6.1	2.4	4.6	4.2	4.1	6.4			47.1
	C	I	T	Y		L	I	M	I	T				D 2000
16.3	3.6	1.2	2.7	3.4	4	3.1	1.6	4.1	1.2	2.5	16.3			27.5

FILENAME: U3422_SignDesigns

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 434
TYPE: E
QUANTITY: SEE SIGN-2

SIGN WIDTH: 3′-0″
HEIGHT: 2′-6″
TOTAL AREA: 7.5 Sq.Ft.

BORDER TYPE: RECESSED
RECESS: 0.38″
WIDTH: 0.63″
RADII: 1.13″

BACKG COLOR: White
COPY COLOR: Black

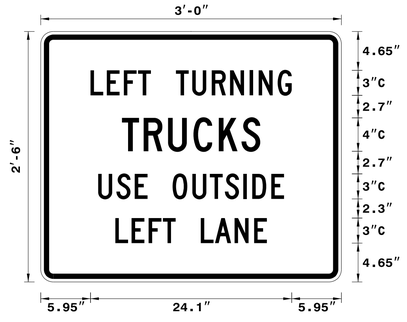
SYMBOL	X	Y	WID	HT

MAT'L: 0.125″ (3.2 mm) ALUMINUM

USE NOTES: 1,2

1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

DESIGN BY: R DRAYTON CHECKED BY: M RZEPKA Aug 27, 2026
PROJECT ID: U-3422B DIV: 6



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

														Series/Size Text Length
	L	E	F	T		T	U	R	N	I	N	G		C 2000
6	1.9	2	1.7	1.5	3	2	2.3	2.2	2.3	1.1	2.3	1.7	6	24.1
	T	R	U	C	K	S								C 2000
9.7	2.6	2.9	3	3	2.7	2.2	9.7							16.6
	U	S	E		O	U	T	S	I	D	E			C 2000
6.9	2.2	2.2	1.5	3	2.4	2.1	1.8	2.2	1.1	2.3	1.5	6.9		22.3
	L	E	F	T		L	A	N	E					C 2000
8.9	1.9	2	1.7	1.5	3	1.7	2.3	2.3	1.5	8.9				18.2

FILENAME: U3422B_SignDesigns

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMR: 433
TYPE: E
QUANTITY: SEE SIGN-2

SIGN WIDTH: 1′-9″
HEIGHT: 1′-9″
TOTAL AREA: 3.1 Sq.Ft.

MAT'L: 0.063″ ALUMINUM

BORDER TYPE: RECESSED
RECESS: 0.38″
WIDTH: 0.63″
RADII: 1.5″

NO. Z BARS:
LENGTH:

BACKG. COLOR: White
COPY COLOR: Black

DESIGN BY:
PROJECT ID:

CHK BY:
DIV:

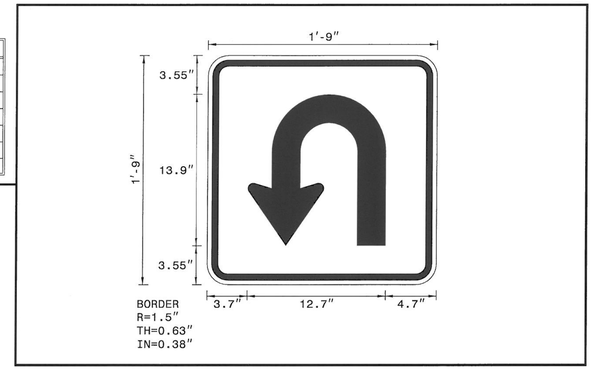
STD #:
DATE:

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY & SAFETY
SIGNING & DELINEATION UNIT

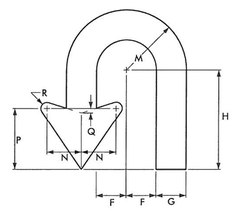
SYMBOL	X	Y	WID	HT
u arrow	3.7	3.5	12.7	13.9

NOTES:

1. Legend and border shall be direct applied Non-reflective sheeting.
2. Background shall be Grade C reflective sheeting.



Arrow Details



ARROW DIMENSIONS (INCHES)	F	G	H	M	N	P	Q	R
	2.625	2.625	8.659	5.25	3	5.25	0.375	0.5

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

Sign Designs