DocuSign Envelope ID: FC61B8C7-3B3D-4C36-9AE3-112CEBEC2D45

TIP NO.	SHEET NO.
W-5107	SIGN-5A

APPROVED: Docusigned by: Zhaolong Teng ECE10C7968CC46F... 11/24/2014

DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 032179 ENGINEER ZHAOLONG TENG

WSP
Transportation & Infrastructure
15401 Weston Parkway, Suite 100 • Cary, NC 27513
Tel: 919.678.0035 Fax: 919.678.0206
NC License No. F-0891

SIGN NUMBER: 101
TYPE: A
QUANTITY: 1
SIGN WIDTH: 13'-0"
HEIGHT: 12'-6"
TOTAL AREA: 162.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

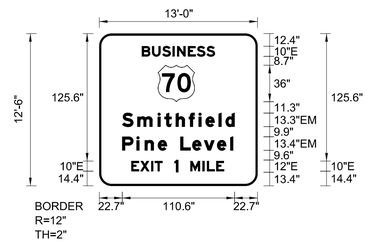
SYMBOL	X	Y	WID	HT
M1_4	58	82.9	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: G. TENG
PROJECT ID: W-5107
CHECKED BY: J. BARCOMB
DIV: 4
DATE: Nov 27, 2012

USE NOTES:

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.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letters	Positions	Series/Size	Text Length
B U S I N E S S	42.1 52.2 62.3 72.4 76.8 87.5 96.4 105.9	E 2000	71.9
S m i t h f i e l d	22.7 37.6 57.6 64.3 75.5 88.3 98 104.8 117.7 124.5	EM 2000	110.6
P i n e L e v e l	22.7 36.8 44.8 57.8 66.6 80 91.7 103.2 116.2 129.2	EM 2000	109.2
E X I T 1 M I L E	31.6 40.5 51.2 54.7 74.2 89.8 101.8 106.2 115.4	E 2000	91.3

FILENAME: W5107_Sgn_SGN_GuideSign

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 102
TYPE: A
QUANTITY: 1
SIGN WIDTH: 13'-0"
HEIGHT: 12'-6"
TOTAL AREA: 162.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

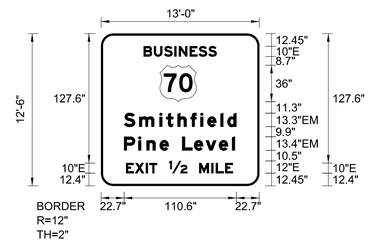
SYMBOL	X	Y	WID	HT
M1_4	58	82.9	36	36

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: G. TENG
PROJECT ID: W-5107
CHECKED BY: J. BARCOMB
DIV: 4
DATE: Nov 27, 2012

USE NOTES:

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.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letters	Positions	Series/Size	Text Length
B U S I N E S S	42.1 52.2 62.3 72.4 76.8 87.5 96.4 105.9	E 2000	71.9
S m i t h f i e l d	22.7 37.6 57.6 64.3 75.5 88.3 98 104.8 117.7 124.5	EM 2000	110.6
P i n e L e v e l	22.7 36.8 44.8 57.8 66.6 80 91.7 103.2 116.2 129.2	EM 2000	109.2
E X I T 1/2 M I L E	24.6 33.5 44.2 47.7 67.2 96.8 108.8 113.2 122.4	E 2000	105.3

FILENAME: W5107_Sgn_SGN_GuideSign

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 103
TYPE: A
QUANTITY: 1
SIGN WIDTH: 13'-0"
HEIGHT: 13'-0"
TOTAL AREA: 169.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 4
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

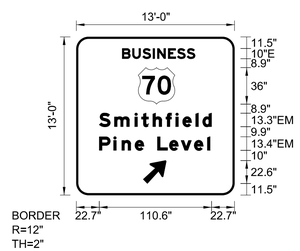
SYMBOL	X	Y	WID	HT
M1_4	61.1	89.7	36	36
AR_Type A	66	11.5	18.3	28.7

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: G. TENG
PROJECT ID: W-5107
CHECKED BY: J. BARCOMB
DIV: 4
DATE: Nov 27, 2012

USE NOTES:

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.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letters	Positions	Series/Size	Text Length
B U S I N E S S	45.2 55.3 65.4 75.5 79.9 90.6 99.5 109	E 2000	71.9
S m i t h f i e l d	22.7 37.6 57.6 64.3 75.5 88.3 98 104.8 117.7 124.5	EM 2000	110.6
P i n e L e v e l	22.7 36.8 44.8 57.8 66.6 80 91.7 103.2 116.2 129.2	EM 2000	109.2

FILENAME: W5107_Sgn_SGN_GuideSign

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 104
TYPE: A
QUANTITY: 1
SIGN WIDTH: 13'-0"
HEIGHT: 11'-0"
TOTAL AREA: 143.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 148.0

BACKG COLOR: Green
COPY COLOR: White

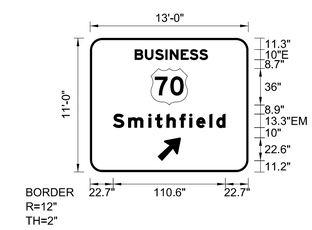
SYMBOL	X	Y	WID	HT
M1_4	60	66	36	36
AR_Type A	66.7	11.1	18.3	28.7

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: G. TENG
PROJECT ID: W-5107
CHECKED BY: J. BARCOMB
DIV: 4
DATE: Nov 27, 2012

USE NOTES:

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.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.



Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter locations are panel edge to lower left corner

Letters	Positions	Series/Size	Text Length
B U S I N E S S	44.1 54.2 64.3 74.4 78.8 89.5 98.4 107.9	E 2000	71.9
S m i t h f i e l d	22.7 37.6 57.6 64.3 75.5 88.3 98 104.8 117.7 124.5	EM 2000	110.6

FILENAME: W5107_Sgn_SGN_GuideSign

NORTH CAROLINA D.O.T. SIGN DETAIL

NOTE: THIS DRAWING IS DIMENSIONED IN INCHES UNLESSS OTHERWISE DEPICTED WITHIN THE DRAWING.

GROUND MOUNTED SIGN DESIGNS

11/3/2014
R:\W5107\Traffic\Signing\CADD\Sign Designs\W5107_Sgn_SGN_GuideSign.dgn
usz04226