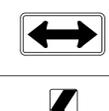
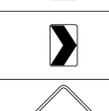
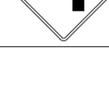
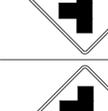
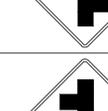


CONSTRUCTION SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W1-1L		-" x -"	BLACK	YELLOW ORANGE
W1-1R		-" x -"	BLACK	YELLOW ORANGE
W1-1aL		-" x -"	BLACK	YELLOW
W1-1aR		-" x -"	BLACK	YELLOW
W1-2L		-" x -"	BLACK	YELLOW ORANGE
W1-2R		-" x -"	BLACK	YELLOW ORANGE
W1-2aL		-" x -"	BLACK	YELLOW
W1-2aR		-" x -"	BLACK	YELLOW
W1-3L		-" x -"	BLACK	YELLOW ORANGE
W1-3R		-" x -"	BLACK	YELLOW ORANGE
W1-4L		-" x -"	BLACK	YELLOW ORANGE
W1-4R		-" x -"	BLACK	YELLOW ORANGE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W1-4bL		-" x -"	BLACK	ORANGE
W1-4bR		-" x -"	BLACK	ORANGE
W1-4cL		-" x -"	BLACK	ORANGE
W1-4cR		-" x -"	BLACK	ORANGE
W1-6L		-" x -"	BLACK	YELLOW ORANGE
W1-6R		-" x -"	BLACK	YELLOW ORANGE
W1-7		-" x -"	BLACK	YELLOW
W1-8L		-" x -"	BLACK	YELLOW ORANGE
W1-8R		-" x -"	BLACK	YELLOW ORANGE
W1-10L		-" x -"	BLACK	YELLOW
W1-10R		-" x -"	BLACK	YELLOW
W1-10aL		-" x -"	BLACK	YELLOW
W1-10aR		-" x -"	BLACK	YELLOW
W1-10bL		-" x -"	BLACK	YELLOW

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W1-10bR		-" x -"	BLACK	YELLOW
W1-10cL		-" x -"	BLACK	YELLOW
W1-10cR		-" x -"	BLACK	YELLOW
W1-10dL		-" x -"	BLACK	YELLOW
W1-10dR		-" x -"	BLACK	YELLOW
W1-10eL		-" x -"	BLACK	YELLOW
W1-10eR		-" x -"	BLACK	YELLOW
W1-11L		-" x -"	BLACK	YELLOW
W1-11R		-" x -"	BLACK	YELLOW
W1-13L		-" x -"	BLACK	YELLOW
W1-13R		-" x -"	BLACK	YELLOW
W1-15L		-" x -"	BLACK	YELLOW

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W1-15R		-" x -"	BLACK	YELLOW
W2-1		-" x -"	BLACK	YELLOW
W2-2L		-" x -"	BLACK	YELLOW
W2-2R		-" x -"	BLACK	YELLOW
W2-3L		-" x -"	BLACK	YELLOW
W2-3R		-" x -"	BLACK	YELLOW
W2-4		-" x -"	BLACK	YELLOW
W2-5		-" x -"	BLACK	YELLOW
W2-6		-" x -"	BLACK	YELLOW
W2-7L		-" x -"	BLACK	YELLOW
W2-7R		-" x -"	BLACK	YELLOW
W2-8L		-" x -"	BLACK	YELLOW

NOTES TO DESIGNER FOR REGULATORY SIGNS:

1. FOR SIZE OF SIGN IN CONTRACT DRAWINGS, DESIGNER IS TO USE MUTCD APPLICABLE SIZE.

2. FOR COLORS ON TABLE ABOVE, DESIGNER IS TO USE MUTCD & FHWA REQUIREMENTS FOR DESIGNERS' LAYOUT.

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THE PORT AUTHORITY OF NY & NJ

CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved
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ENGINEERING DEPARTMENT

PANYNJ  
Traffic Standard  
Details

TRAFFIC

Title  
SIGN LAYOUT  
MUTCD

WARNING SIGNS  
(1 OF 5)

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD40.01**

PID#

CONSTRUCTION SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W2-8R		-" x -"	BLACK	YELLOW
W3-1		-" x -"	BLACK	YELLOW ORANGE
W3-2		-" x -"	BLACK	YELLOW ORANGE
W3-3		-" x -"	BLACK	YELLOW ORANGE
W3-4	BE PREPARED TO STOP	-" x -"	BLACK	YELLOW ORANGE
W3-5		-" x -"	BLACK	YELLOW ORANGE
W3-5a	XX MPH SPEED ZONE AHEAD	-" x -"	BLACK	YELLOW ORANGE
W3-6	DRAW BRIDGE	-" x -"	BLACK	YELLOW
W3-7	RAMP METER AHEAD	-" x -"	BLACK	YELLOW
W3-8	RAMP METERED WHEN FLASHING	-" x -"	BLACK	YELLOW
W4-1L		-" x -"	BLACK	YELLOW ORANGE
W4-1R		-" x -"	BLACK	YELLOW ORANGE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W4-2L		-" x -"	BLACK	YELLOW ORANGE
W4-2R		-" x -"	BLACK	YELLOW ORANGE
W4-3L		-" x -"	BLACK	YELLOW ORANGE
W4-3R		-" x -"	BLACK	YELLOW ORANGE
W4-4aP	TRAFFIC FROM LEFT DOES NOT STOP	-" x -"	BLACK	YELLOW
W4-4bP	ONCOMING TRAFFIC DOES NOT STOP	-" x -"	BLACK	YELLOW
W4-4P	CROSS TRAFFIC DOES NOT STOP	-" x -"	BLACK	YELLOW
W4-5P	NO MERGE AREA	-" x -"	BLACK	YELLOW ORANGE
W4-5L		-" x -"	BLACK	YELLOW ORANGE
W4-5R		-" x -"	BLACK	YELLOW ORANGE
W4-6L		-" x -"	BLACK	YELLOW
W4-6R		-" x -"	BLACK	YELLOW
W5-1	ROAD NARROWS	-" x -"	BLACK	YELLOW ORANGE
W5-2	NARROW BRIDGE	-" x -"	BLACK	YELLOW ORANGE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W5-3	ONE LANE BRIDGE	-" x -"	BLACK	YELLOW ORANGE
W5-4	RAMP NARROWS	-" x -"	BLACK	ORANGE
W6-1		-" x -"	BLACK	YELLOW ORANGE
W6-2		-" x -"	BLACK	YELLOW ORANGE
W6-3		-" x -"	BLACK	YELLOW ORANGE
W6-4		-" x -"	BLACK	ORANGE
W7-1		-" x -"	BLACK	YELLOW ORANGE
W7-1a		-" x -"	BLACK	YELLOW
W7-3aP	NEXT 7 MILES	-" x -"	BLACK	YELLOW ORANGE
W7-4dP	SAND	-" x -"	BLACK	YELLOW
W7-4eP	GRAVEL	-" x -"	BLACK	YELLOW
W7-4fP	PAVED	-" x -"	BLACK	YELLOW
W7-6	HILL BLOCKS VIEW	-" x -"	BLACK	YELLOW
W8-1	BUMP	-" x -"	BLACK	YELLOW ORANGE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W8-2	DIP	-" x -"	BLACK	YELLOW ORANGE
W8-3	PAVEMENT ENDS	-" x -"	BLACK	YELLOW ORANGE
W8-4	SOFT SHOULDER	-" x -"	BLACK	YELLOW ORANGE
W8-5		-" x -"	BLACK	YELLOW ORANGE
W8-5aP	ICE	-" x -"	BLACK	YELLOW
W8-5bP	STEEL DECK	-" x -"	BLACK	YELLOW
W8-5cP	EXCESS OIL	-" x -"	BLACK	YELLOW
W8-5P	WHEN WET	-" x -"	BLACK	YELLOW
W8-6	TRUCK CROSSING	-" x -"	BLACK	YELLOW ORANGE
W8-7	LOOSE GRAVEL	-" x -"	BLACK	YELLOW ORANGE
W8-8	ROUGH ROAD	-" x -"	BLACK	YELLOW ORANGE
W8-9	LOW SHOULDER	-" x -"	BLACK	YELLOW ORANGE
W8-11	UNEVEN LANES	-" x -"	BLACK	YELLOW ORANGE

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THE PORT AUTHORITY OF NY & NJ

CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved
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ENGINEERING DEPARTMENT

PANYNJ  
Traffic Standard  
Details

TRAFFIC

Title  
SIGN LAYOUT

MUTCD

WARNING SIGNS  
(2 OF 5)

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date 12/28/2013

Contract Number \_\_\_\_\_

Drawing Number TD40.02

PID#

CONSTRUCTION SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W8-12		-" x -"	BLACK	YELLOW ORANGE
W8-13		-" x -"	BLACK	YELLOW
W8-15		-" x -"	BLACK	YELLOW ORANGE
W8-15P		-" x -"	BLACK	YELLOW ORANGE
W8-16		-" x -"	BLACK	YELLOW
W8-17		-" x -"	BLACK	YELLOW ORANGE
W8-17P		-" x -"	BLACK	YELLOW ORANGE
W8-18		-" x -"	BLACK	YELLOW ORANGE
W8-19		-" x -"	BLACK	YELLOW
W8-21		-" x -"	BLACK	YELLOW
W8-22		-" x -"	BLACK	YELLOW

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W8-23		-" x -"	BLACK	YELLOW ORANGE
W8-24		-" x -"	BLACK	ORANGE
W8-25		-" x -"	BLACK	YELLOW ORANGE
W9-1L		-" x -"	BLACK	YELLOW ORANGE
W9-1R		-" x -"	BLACK	YELLOW ORANGE
W9-2L		-" x -"	BLACK	YELLOW ORANGE
W9-2R		-" x -"	BLACK	YELLOW ORANGE
W9-3		-" x -"	BLACK	ORANGE
W9-7		-" x -"	BLACK	YELLOW
W10-1		-" DIA.	BLACK	YELLOW
W10-1aP		-" x -"	BLACK	YELLOW
W10-2L		-" x -"	BLACK	YELLOW
W10-2R		-" x -"	BLACK	YELLOW

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W10-3L		-" x -"	BLACK	YELLOW
W10-3R		-" x -"	BLACK	YELLOW
W10-4L		-" x -"	BLACK	YELLOW
W10-4R		-" x -"	BLACK	YELLOW
W10-5		-" x -"	BLACK	YELLOW
W10-5P		-" x -"	BLACK	YELLOW
W10-11		-" x -"	BLACK	YELLOW
W10-12L		-" x -"	BLACK	YELLOW
W10-12R		-" x -"	BLACK	YELLOW
W10-13P		-" x -"	BLACK	YELLOW
W10-14P		-" x -"	BLACK	YELLOW
W10-14aP		-" x -"	BLACK	YELLOW
W10-15P		-" x -"	BLACK	YELLOW

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W11-1		-" x -"	BLACK	YELLOW
W11-2		-" x -"	BLACK	YELLOW
W11-3		-" x -"	BLACK	YELLOW
W11-7		-" x -"	BLACK	YELLOW
W11-8		-" x -"	BLACK	YELLOW
W11-9		-" x -"	BLACK	YELLOW
W11-10		-" x -"	BLACK	YELLOW ORANGE
W11-12P		-" x -"	BLACK	YELLOW
W11-15		-" x -"	BLACK	YELLOW
W11-15a		-" x -"	BLACK	YELLOW
W11-15P		-" x -"	BLACK	YELLOW
W12-1		-" x -"	BLACK	YELLOW ORANGE

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CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved
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ENGINEERING DEPARTMENT

PANYNJ  
Traffic Standard  
Details

TRAFFIC

Title  
SIGN LAYOUT

MUTCD

WARNING SIGNS  
(3 OF 5)

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent. All recipients of Contract documents, including bidders and those who do not bid and their prospective subcontractors and suppliers who may receive all or a part of the Contract documents or copies thereof, shall make every effort to ensure the secure and appropriate disposal of the Contract documents to prevent further disclosure of the information contained in the documents. Secure and appropriate disposal includes methods of document destruction such as shredding or arrangements with release handlers that ensure that third persons will not have access to the documents' contents either before, during, or after disposal. Documents may also be returned for disposal purposes to the Contract Desk on the 3rd Floor, 3 Gateway Center, Newark NJ 07102 or the office of the Director of Procurement, One Madison Avenue, 7th Floor, New York, NY 10010. It is a violation of law for any person to alter a document in any way, unless acting under the direction of a licensed professional engineer or registered architect. If this document bearing the seal of an engineer/architect is altered, the altering engineer/architect shall affix to the document their seal and the notation "altered by" followed by their signature and the date of such alteration, and a specific description of the alteration.

Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date 12/28/2013

Contract Number \_\_\_\_\_

Drawing Number TD40.03

PID#

CONSTRUCTION SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W12-2		-" x -"	BLACK	YELLOW ORANGE
W12-2a		-" x -"	BLACK	YELLOW
W13-1P		-" x -"	BLACK	YELLOW ORANGE
W13-2		-" x -"	BLACK	YELLOW
W13-3		-" x -"	BLACK	YELLOW
W13-4P		-" x -"	BLACK	ORANGE
W13-6		-" x -"	BLACK	YELLOW
W13-7		-" x -"	BLACK	YELLOW
W14-1		-" x -"	BLACK	YELLOW
W14-1a		-" x -"	BLACK	YELLOW
W14-2		-" x -"	BLACK	YELLOW
W14-2a		-" x -"	BLACK	YELLOW
W14-3		-" x -" x -"	BLACK	YELLOW ORANGE
W15-1		-" x -"	BLACK	YELLOW

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W16-1P		-" x -"	BLACK	YELLOW
W16-2aP		-" x -"	BLACK	YELLOW
W16-2P		-" x -"	BLACK	YELLOW ORANGE
W16-3aP		-" x -"	BLACK	YELLOW
W16-3P		-" x -"	BLACK	YELLOW
W16-4P		-" x -"	BLACK	YELLOW
W16-5PL		-" x -"	BLACK	YELLOW
W16-5PR		-" x -"	BLACK	YELLOW
W16-6PL		-" x -"	BLACK	YELLOW
W16-6PR		-" x -"	BLACK	YELLOW
W16-7PL		-" x -"	BLACK	YELLOW
W16-7PR		-" x -"	BLACK	YELLOW
W16-9P		-" x -"	BLACK	YELLOW
W16-10aP		-" x -"	BLACK	YELLOW
W16-10P		-" x -"	BLACK	YELLOW
W16-11P		-" x -"	BLACK	YELLOW
W16-12P		-" x -"	BLACK	YELLOW
W16-13P		-" x -"	BLACK	YELLOW
W16-15P		-" x -"	BLACK	YELLOW
W16-17P		-" x -"	BLACK	YELLOW
W16-18P		-" x -"	BLACK	YELLOW

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W17-1		-" x -"	BLACK	YELLOW
W19-1		-" x -"	BLACK	YELLOW
W19-2		-" x -"	BLACK	YELLOW
W19-3		-" x -"	BLACK	YELLOW
W19-4		-" x -"	BLACK	YELLOW
W19-5		-" x -"	BLACK	YELLOW
W20-1		-" x -"	BLACK	ORANGE
W20-1 (MOD.)		-" x -"	BLACK	ORANGE
W20-2		-" x -"	BLACK	ORANGE
W20-2 (MOD.)		-" x -"	BLACK	ORANGE
W20-3		-" x -"	BLACK	ORANGE
W20-3 (MOD.)		-" x -"	BLACK	ORANGE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W20-4		-" x -"	BLACK	ORANGE
W20-4 (MOD.)		-" x -"	BLACK	ORANGE
W20-5aL		-" x -"	BLACK	ORANGE
W20-5aL (MOD.)		-" x -"	BLACK	ORANGE
W20-5aR		-" x -"	BLACK	ORANGE
W20-5aR (MOD.)		-" x -"	BLACK	ORANGE
W20-5L		-" x -"	BLACK	ORANGE
W20-5L (MOD.)		-" x -"	BLACK	ORANGE
W20-5R		-" x -"	BLACK	ORANGE
W20-5R (MOD.)		-" x -"	BLACK	ORANGE
W20-7		-" x -"	BLACK	ORANGE
W20-7a		-" x -"	BLACK	ORANGE

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CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved
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ENGINEERING DEPARTMENT

PANYNJ  
Traffic Standard  
Details

TRAFFIC

Title  
SIGN LAYOUT  
MUTCD  
WARNING SIGNS  
(4 OF 5)

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Designed by Drawn by Checked by

Date 12/28/2013

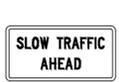
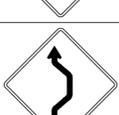
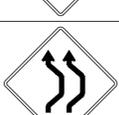
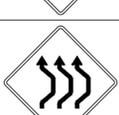
Contract Number

Drawing Number TD40.04

PID#

CONSTRUCTION SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W21-1		-" x -"	BLACK	ORANGE
W21-1a		-" x -"	BLACK	ORANGE
W21-2		-" x -"	BLACK	ORANGE
W21-2 (MOD.)		-" x -"	BLACK	ORANGE
W21-3		-" x -"	BLACK	ORANGE
W21-4		-" x -"	BLACK	ORANGE
W21-5		-" x -"	BLACK	ORANGE
W21-5aL		-" x -"	BLACK	ORANGE
W21-5aR		-" x -"	BLACK	ORANGE
W21-5bL		-" x -"	BLACK	ORANGE
W21-5bR		-" x -"	BLACK	ORANGE
W21-6		-" x -"	BLACK	ORANGE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
W21-7		-" x -"	BLACK	ORANGE
W21-8		-" x -"	BLACK	ORANGE
W23-1		-" x -"	BLACK	ORANGE
W23-2		-" x -"	BLACK	YELLOW ORANGE
W24-1L		-" x -"	BLACK	ORANGE
W24-1R		-" x -"	BLACK	ORANGE
W24-1aL		-" x -"	BLACK	ORANGE
W24-1aR		-" x -"	BLACK	ORANGE
W24-1bL		-" x -"	BLACK	ORANGE
W24-1bR		-" x -"	BLACK	ORANGE
W24-1cP		-" x -"	BLACK	ORANGE
W25-1		-" x -"	BLACK	YELLOW
W25-2		-" x -"	BLACK	YELLOW

NOTES TO DESIGNER FOR REGULATORY SIGNS:

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- FOR COLORS ON TABLE ABOVE, DESIGNER IS TO USE MUTCD & FHWA REQUIREMENTS FOR DESIGNERS' LAYOUT.

Sheet SHEET\_NO of

**THE PORT AUTHORITY OF NY & NJ**

CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved

ENGINEERING DEPARTMENT

**PANYNJ**  
Traffic Standard  
Details

TRAFFIC

Title  
**SIGN LAYOUT**  
  
**MUTCD**  
  
**WARNING SIGNS (5 OF 5)**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_  
Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD40.05**  
PID# \_\_\_\_\_

SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R10-13		-" x -"	BLACK	WHITE
R10-14		-" x -"	BLACK	WHITE
R10-14a		-" x -"	BLACK	WHITE
R10-15		-" x -"	RED & BLACK	WHITE & YELLOW
R10-16		-" x -"	BLACK	WHITE
R10-17a		-" x -"	BLACK	WHITE
R10-20aP		-" x -"	BLACK	WHITE
R10-23		-" x -"	BLACK	WHITE
R10-25		-" x -"	BLACK	WHITE
R10-28		-" x -"	BLACK	WHITE
R10-29		-" x -"	BLACK	WHITE
R10-31P		-" x -"	BLACK	WHITE
R11-1		-" x -"	BLACK	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R11-2		-" x -"	BLACK	WHITE
R11-3a		-" x -"	BLACK	WHITE
R11-4		-" x -"	BLACK	WHITE
R12-1		-" x -"	BLACK	WHITE
R12-2		-" x -"	BLACK	WHITE
R12-3		-" x -"	BLACK	WHITE
R12-4		-" x -"	BLACK	WHITE
R12-5		-" x -"	BLACK	WHITE
R14-1		-" x -"	BLACK	WHITE
R14-2		-" x -"	BLACK & GREEN	WHITE
R14-3		-" x -"	BLACK & RED	WHITE
R14-4		-" x -"	BLACK & GREEN	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R14-5		-" x -"	BLACK & RED	WHITE
R15-1		-" x -"	BLACK	WHITE
R15-2P		-" x -"	BLACK	WHITE
R15-3P		-" x -"	BLACK	WHITE
R15-8		-" x -"	BLACK	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND

NOTES TO DESIGNER FOR REGULATORY SIGNS:

1. FOR SIZE OF SIGN IN CONTRACT DRAWINGS, DESIGNER IS TO USE MUTCD APPLICABLE SIZE.

2. FOR COLORS ON TABLE ABOVE, DESIGNER IS TO USE MUTCD & FHWA REQUIREMENTS FOR DESIGNERS' LAYOUT.

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**THE PORT AUTHORITY OF NY & NJ**

CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved
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ENGINEERING DEPARTMENT

**PANYNJ**  
Traffic Standard  
Details

TRAFFIC

Title  
**SIGN LAYOUT**  
**MUTCD**  
**REGULATORY SIGNS**  
**(4 OF 4)**

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent. All recipients of Contract documents, including bidders and those who do not bid and their prospective subcontractors and suppliers who may receive all or a part of the Contract documents or copies thereof, shall make every effort to ensure the secure and appropriate disposal of the Contract documents to prevent further disclosure of the information contained in the documents. Secure and appropriate disposal includes methods of document destruction such as shredding or arrangements with release handlers that ensure that third persons will not have access to the documents' contents either before, during, or after disposal. Documents may also be returned for disposal purposes to the Contract Desk on the 3rd Floor, 3 Gateway Center, Newark NJ 07102 or the office of the Director of Procurement, One Madison Avenue, 7th Floor, New York, NY 10010. It is a violation of law for any person to alter a document in any way, unless acting under the direction of a licensed professional engineer or registered architect. If this document bearing the seal of an engineer/architect is altered, the altering engineer/architect shall affix to the document their seal and the notation "altered by" followed by their signature and the date of such alteration, and a specific description of the alteration.

Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD41.04**

PID#

SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R1-1		-" x -"	WHITE	RED
R1-2		-" x -"	WHITE	RED
R1-2aP		-" x -"	BLACK	WHITE
R1-3P		-" x -"	WHITE	RED
R1-5		-" x -"	RED & BLACK	WHITE
R1-5a		-" x -"	RED & BLACK	WHITE
R1-5b		-" x -"	RED & BLACK	WHITE
R1-5c		-" x -"	RED & BLACK	WHITE
R1-6		-" x -"	RED & BLACK	WHITE & YELLOW
R1-6a		-" x -"	RED & BLACK	WHITE & YELLOW
R1-7		-" x -"	BLACK	WHITE
R1-8		-" x -"	BLACK	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R1-9		-" x -"	BLACK	WHITE & YELLOW
R1-9a		-" x -"	BLACK	WHITE & YELLOW
R1-10P		-" x -"	BLACK	WHITE
R2-1		-" x -"	BLACK	WHITE
R2-2P		-" x -"	BLACK	WHITE
R2-3P		-" x -"	WHITE	BLACK
R2-4a		-" x -"	BLACK	WHITE
R2-6aP		-" x -"	BLACK	WHITE
R2-6bP		-" x -"	BLACK	WHITE
R2-6P		-" x -"	BLACK	WHITE
R2-10		-" x -"	BLACK	WHITE
R2-11		-" x -"	BLACK	WHITE
R2-12		-" x -"	BLACK	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R3-1		-" x -"	RED & BLACK	WHITE
R3-2		-" x -"	RED & BLACK	WHITE
R3-3		-" x -"	BLACK	WHITE
R3-4		-" x -"	RED & BLACK	WHITE
R3-5		-" x -"	BLACK	WHITE
R3-5a		-" x -"	BLACK	WHITE
R3-5b		-" x -"	BLACK	WHITE
R3-5bP		-" x -"	BLACK	WHITE
R3-5cP		-" x -"	BLACK	WHITE
R3-5dP		-" x -"	BLACK	WHITE
R3-5eP		-" x -"	BLACK	WHITE
R3-5fP		-" x -"	BLACK	WHITE
R3-5gP		-" x -"	BLACK	WHITE
R3-6		-" x -"	BLACK	WHITE
R3-7L		-" x -"	BLACK	WHITE
R3-7R		-" x -"	BLACK	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R3-8		-" x -"	BLACK	WHITE
R3-8b		-" x -"	BLACK	WHITE
R3-9a		-" x -"	BLACK	WHITE
R3-9b		-" x -"	BLACK	WHITE
R3-9cP		-" x -"	BLACK	WHITE
R3-9dP		-" x -"	BLACK	WHITE
R3-9i		-" x -"	BLACK	WHITE
R3-18		-" x -"	RED & BLACK	WHITE
R3-20L		-" x -"	BLACK	WHITE
R3-20R		-" x -"	BLACK	WHITE
R3-23		-" x -"	BLACK	WHITE
R3-23a		-" x -"	BLACK	WHITE
R3-24		-" x -"	BLACK	WHITE
R3-24a		-" x -"	BLACK	WHITE

NOTES TO DESIGNER FOR REGULATORY SIGNS:

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2. FOR COLORS ON TABLE ABOVE, DESIGNER IS TO USE MUTCD & FHWA REQUIREMENTS FOR DESIGNERS' LAYOUT.

Sheet SHEET\_NO of

**THE PORT AUTHORITY OF NY & NJ**

CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved
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ENGINEERING DEPARTMENT

**PANYNJ**  
Traffic Standard  
Details

TRAFFIC

Title  
**SIGN LAYOUT**

**MUTCD**

**REGULATORY SIGNS (1 OF 4)**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD41.01**

PID#

SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R3-24b		-" x -"	BLACK	WHITE
R3-25		-" x -"	BLACK	WHITE
R3-25a		-" x -"	BLACK	WHITE
R3-25b		-" x -"	BLACK	WHITE
R3-26		-" x -"	BLACK	WHITE
R3-26a		-" x -"	BLACK	WHITE
R3-27		-" x -"	RED & BLACK	WHITE
R3-33		-" x -"	BLACK	WHITE
R4-1		-" x -"	BLACK	WHITE
R4-2		-" x -"	BLACK	WHITE
R4-3		-" x -"	BLACK	WHITE
R4-5		-" x -"	BLACK	WHITE
R4-7		-" x -"	BLACK	WHITE
R4-7a		-" x -"	BLACK	WHITE
R4-7b		-" x -"	BLACK	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R4-7c		-" x -"	BLACK	WHITE
R4-8		-" x -"	BLACK	WHITE
R4-8a		-" x -"	BLACK	WHITE
R4-8b		-" x -"	BLACK	WHITE
R4-8c		-" x -"	BLACK	WHITE
R4-9		-" x -"	BLACK	WHITE
R4-16		-" x -"	BLACK	WHITE
R4-17		-" x -"	BLACK	WHITE
R4-18		-" x -"	BLACK	WHITE
R5-1		-" x -"	WHITE	RED & WHITE
R5-1a		-" x -"	WHITE	RED
R5-2		-" x -"	RED & BLACK	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R5-3		-" x -"	BLACK	WHITE
R5-4		-" x -"	BLACK	WHITE
R5-5		-" x -"	BLACK	WHITE
R5-6		-" x -"	RED & BLACK	WHITE
R5-7		-" x -"	BLACK	WHITE
R5-8		-" x -"	BLACK	WHITE
R5-10a		-" x -"	BLACK	WHITE
R5-10b		-" x -"	BLACK	WHITE
R5-10c		-" x -"	BLACK	WHITE
R5-11		-" x -"	BLACK	WHITE
R6-1L		-" x -"	BLACK	WHITE
R6-1R		-" x -"	BLACK	WHITE
R6-2L		-" x -"	BLACK	WHITE
R6-2R		-" x -"	BLACK	WHITE
R6-3		-" x -"	BLACK	WHITE
R6-3a		-" x -"	BLACK	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R6-4		-" x -"	BLACK	WHITE
R6-4a		-" x -"	BLACK	WHITE
R6-4b		-" x -"	BLACK	WHITE
R6-5P		-" x -"	BLACK	WHITE
R6-6		-" x -"	BLACK	WHITE
R6-7		-" x -"	BLACK	WHITE
R7-1		-" x -"	RED	WHITE
R7-1L		-" x -"	RED	WHITE
R7-1R		-" x -"	RED	WHITE
R7-4		-" x -"	RED	WHITE
R7-4 (MOD.)		-" x -"	RED	WHITE
R7-8		-" x -"	GREEN & BLUE	WHITE
R7-8P		-" x -"	GREEN	WHITE

NOTES TO DESIGNER FOR REGULATORY SIGNS:

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**THE PORT AUTHORITY OF NY & NJ**

CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved
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ENGINEERING DEPARTMENT

**PANYNJ**  
Traffic Standard  
Details

TRAFFIC

Title  
**SIGN LAYOUT**  
**MUTCD**  
**REGULATORY SIGNS (2 OF 4)**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_  
Date \_\_\_\_\_ 12/28/2013

Contract Number \_\_\_\_\_  
Drawing Number **TD41.02**  
PID# \_\_\_\_\_

SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R7-200aL		-" x -"	RED & GREEN	WHITE
		-" x -"	RED & GREEN	WHITE
R7-200aR		-" x -"	RED & GREEN	WHITE
		-" x -"	RED & GREEN	WHITE
R7-201P		-" x -"	RED OR BLACK	WHITE
R8-1		-" x -"	RED	WHITE
R8-2		-" x -"	RED	WHITE
R8-3		-" x -"	RED & BLACK	WHITE
R8-3a		-" x -"	RED	WHITE
R8-3bP		-" x -"	RED	WHITE
R8-3cP		-" x -"	RED	WHITE
R8-3dP		-" x -"	RED	WHITE
R8-3eP		-" x -"	RED	WHITE
R8-3fP		-" x -"	RED	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R8-3gP		-" x -"	RED	WHITE
R8-3hP		-" x -"	RED	WHITE
R8-4		-" x -"	BLACK	WHITE
R8-7		-" x -"	BLACK	WHITE
R8-8		-" x -"	BLACK	WHITE
R8-9		-" x -"	BLACK	WHITE
R8-10		-" x -"	BLACK	WHITE
R8-10a		-" x -"	BLACK	WHITE
R9-2		-" x -"	BLACK	WHITE
R9-3		-" x -"	RED & BLACK	WHITE
R9-3a		-" x -"	BLACK	WHITE
R9-3bPL		-" x -"	BLACK	WHITE
R9-3bPR		-" x -"	BLACK	WHITE
R9-8		-" x -"	BLACK	WHITE
R9-9		-" x -"	BLACK	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R9-10		-" x -"	BLACK	WHITE
R9-11		-" x -"	BLACK	WHITE
R9-11aL		-" x -"	BLACK	WHITE
R9-11aR		-" x -"	BLACK	WHITE
R9-11L		-" x -"	BLACK	WHITE
R9-11R		-" x -"	BLACK	WHITE
R10-1		-" x -"	BLACK & GREEN	WHITE
R10-2L		-" x -"	BLACK	WHITE
R10-2R		-" x -"	BLACK	WHITE
R10-3L		-" x -"	BLACK	WHITE
R10-3R		-" x -"	BLACK	WHITE
R10-4L		-" x -"	BLACK & GREEN	WHITE
R10-4R		-" x -"	BLACK & GREEN	WHITE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
R10-5		-" x -"	BLACK	WHITE
R10-6		-" x -"	BLACK	WHITE
R10-6a		-" x -"	BLACK	WHITE
R10-7		-" x -"	BLACK	WHITE
R10-8		-" x -"	BLACK	WHITE
R10-10		-" x -"	BLACK	WHITE
R10-11		-" x -"	BLACK & RED	WHITE
R10-11a		-" x -"	BLACK	WHITE
R10-11b		-" x -"	BLACK	WHITE
R10-11c		-" x -"	BLACK	WHITE
R10-11d		-" x -"	BLACK	WHITE
R10-12		-" x -"	BLACK & GREEN	WHITE

NOTES TO DESIGNER FOR REGULATORY SIGNS:

1. FOR SIZE OF SIGN IN CONTRACT DRAWINGS, DESIGNER IS TO USE MUTCD APPLICABLE SIZE.

2. FOR COLORS ON TABLE ABOVE, DESIGNER IS TO USE MUTCD & FHWA REQUIREMENTS FOR DESIGNERS' LAYOUT.

Sheet SHEET\_NO of

**THE PORT AUTHORITY OF NY & NJ**

CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved
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ENGINEERING DEPARTMENT

**PANYNJ**  
Traffic Standard  
Details

TRAFFIC

Title  
**SIGN LAYOUT**

**MUTCD**

**REGULATORY SIGNS (3 OF 4)**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD41.03**

PID#

SIGN DATA TABLE

MUTCD NO.	TEXT	SIZE WIDTH X HEIGHT	COLOR	
			LEGEND	BACKGROUND
OM1-1		-" x -"	BLACK	YELLOW
OM1-2		-" x -"	YELLOW	BLACK
OM1-3		-" x -"	YELLOW	-
OM2-1V		-" x -"	YELLOW	WHITE
OM2-2V		-" x -"	YELLOW	-
OM2-1H		-" x -"	YELLOW	WHITE
OM2-2H		-" x -"	YELLOW	-
OM3-3C		-" x -"	BLACK & YELLOW	-
OM3-3L		-" x -"	BLACK & YELLOW	-
OM3-3L		-" x -"	BLACK & YELLOW	-
OM4-1		-" x -"	BLACK	RED
OM4-2		-" x -"	RED	BLACK
OM4-3		-" x -"	RED	-

NOTES TO DESIGNER FOR OBJECT MARKER SIGNS:

1. FOR SIZE OF SIGN IN CONTRACT DRAWINGS, DESIGNER IS TO USE MUTCD APPLICABLE SIZE.

2. FOR COLORS ON TABLE ABOVE, DESIGNER IS TO USE MUTCD & FHWA REQUIREMENTS FOR DESIGNERS' LAYOUT.

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**THE PORT AUTHORITY  
OF NY & NJ**

CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved

ENGINEERING DEPARTMENT

**PANYNJ**  
**Traffic Standard**  
**Details**

**TRAFFIC**

Title  
**SIGN LAYOUT**

**MUTCD**

**OBJECT MARKERS**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD42.01**

PID#

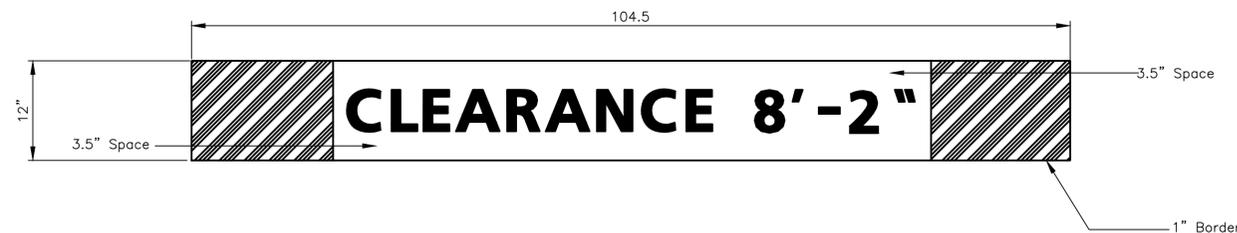


**NOTE:**

5" Fru. 65 font at 100% Char. Spacing Black Letters on Yellow Background

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
CLR1				

N.T.S.

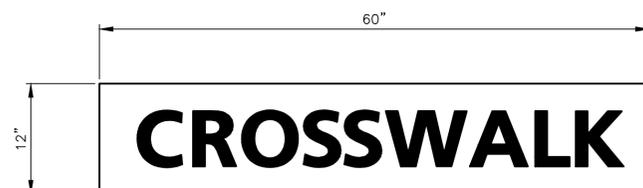


**NOTE:**

5" Fru. 65 font at 100% Char. Spacing Black Letters on Yellow Background

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
CLR2				

N.T.S.



**NOTE:**

6" Fru. 65 font at 100% Char. Spacing Black Letters on Yellow Background

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
XWK				

N.T.S.

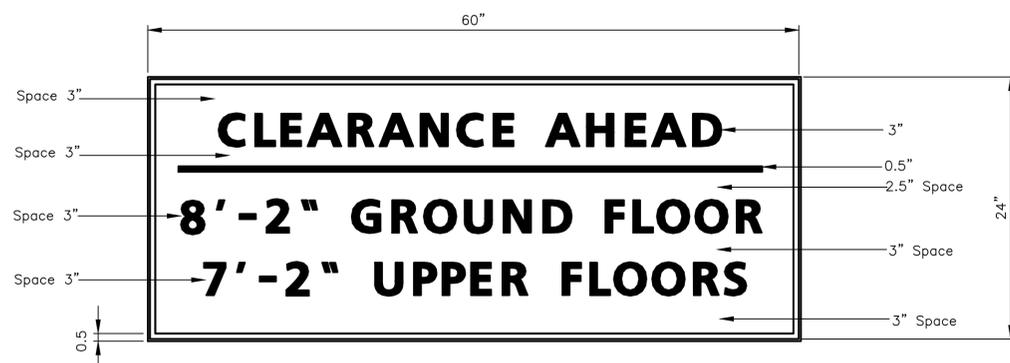


**NOTE:**

48" x 36" Custom Regulatory Sign .5" Space and .5" Border Top Portion  
- Black Lettering on White Background Bottom Portion  
- White Lettering on Black Background

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				GROUND MOUNTED

N.T.S.



**NOTE:**

3" Frutiger 65 font at 150% Char. Spacing Black Letters on Yellow Background

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
CLR3				GROUND MOUNT

N.T.S.

No.	Date	Revision	Approved

ENGINEERING DEPARTMENT

PANYNJ  
Traffic Standard  
Details

TRAFFIC

Title  
SIGN LAYOUT

PA STANDARD SIGNS  
SIGN DATA SHEET  
4 OF 4

This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent. All recipients of Contract documents, including bidders and those who do not bid and their prospective subcontractors and suppliers who may receive all or a part of the Contract documents or copies thereof, shall make every effort to ensure the secure and appropriate disposal of the Contract documents to prevent further disclosure of the information contained in the documents. Secure and appropriate disposal includes methods of document destruction such as shredding or arrangements with release handlers that ensure that third persons will not have access to the documents' contents either before, during, or after disposal. Documents may also be returned for disposal purposes to the Contract Desk on the 3rd Floor, 3 Gateway Center, Newark NJ 07102 or the office of the Director of Procurement, One Madison Avenue, 7th Floor, New York, NY 10010. It is a violation of law for any person to alter a document in any way, unless acting under the direction of a licensed professional engineer or registered architect. If this document bearing the seal of an engineer/architect is altered, the altering engineer/architect shall affix to the document their seal and the notation "altered by" followed by their signature and the date of such alteration, and a specific description of the alteration.

Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_  
Date \_\_\_\_\_ 12/28/2013

Contract Number \_\_\_\_\_

Drawing Number **TD43.04**  
PID# \_\_\_\_\_

No.	Date	Revision	Approved

ENGINEERING DEPARTMENT

**PANYNJ**  
**Traffic Standard**  
**Details**

TRAFFIC

Title  
**SIGN LAYOUT**

**PA STANDARD SIGNS  
SIGN DATA SHEET  
1 OF 4**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date \_\_\_\_\_ 12/28/2013

Contract Number \_\_\_\_\_

Drawing Number **TD43.01**

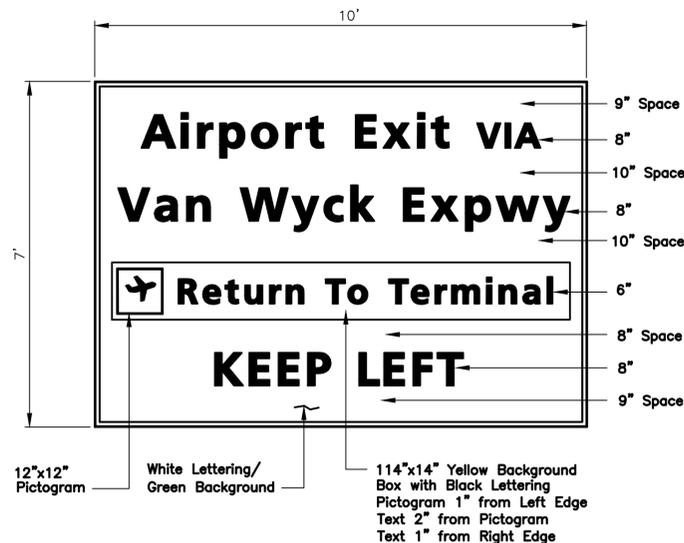
PID# \_\_\_\_\_



**NOTE:**  
1. Frutiger 65 Font at 150 % Character Spacing

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				GROUND MOUNTED

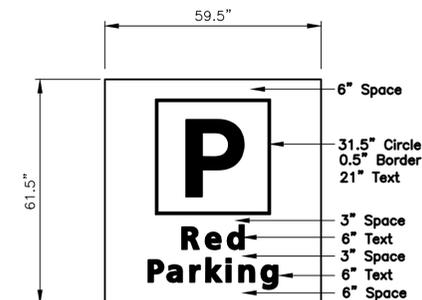
N.T.S.



**NOTE:**  
1. Frutiger 65 Font at 100% Character Spacing

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				GROUND MOUNTED

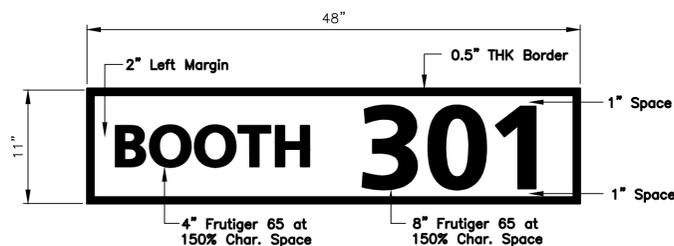
N.T.S.



**NOTE:**  
1. Frutiger Bold @ 150% White/3M Red 3272

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				MOUNT ON SIDE OF PARKING STRUCTURE WALL

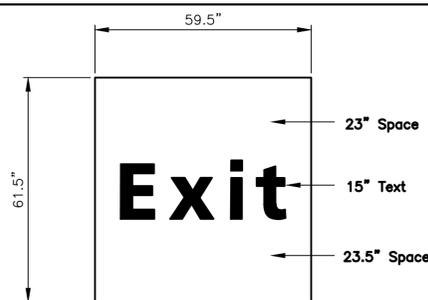
N.T.S.



**NOTE:**  
1. White-ref Lettering/ Green Background Squared Corners, 0.5" Flush Border

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				PARKING PLAZA BOOTH SIGNS,

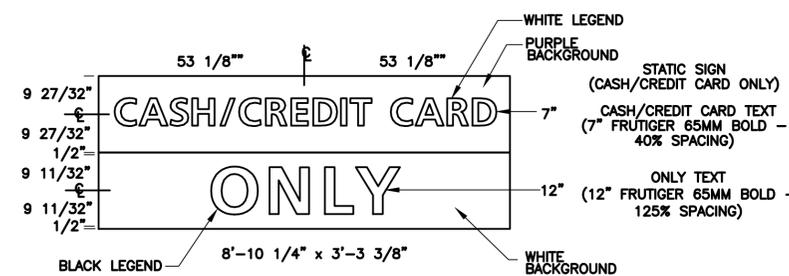
N.T.S.



**NOTE:**  
1. Frutiger Bold @ 150% White/3M Red 3272

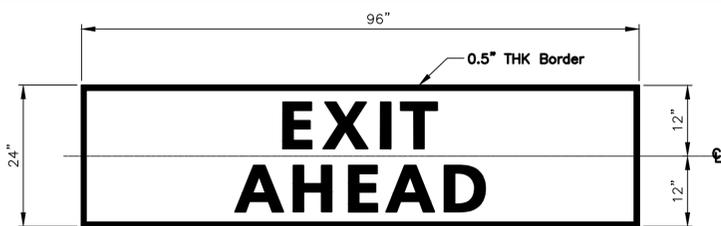
SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				MOUNT ON CANOPY

N.T.S.



SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				OVERHEAD SIGN

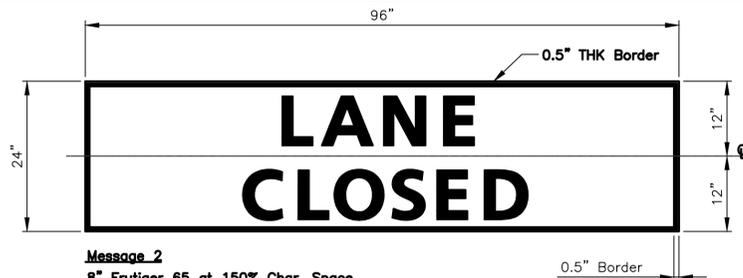
N.T.S.



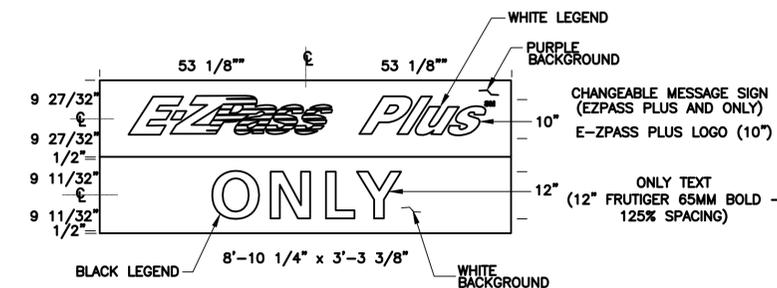
**Message 1**  
8" Frutiger 65 at 150% Char. Space  
Black Lettering/White Background

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				CHANGEABLE MESSAGE SIGN AT EXIT PLAZA BY PASS LANE

N.T.S.

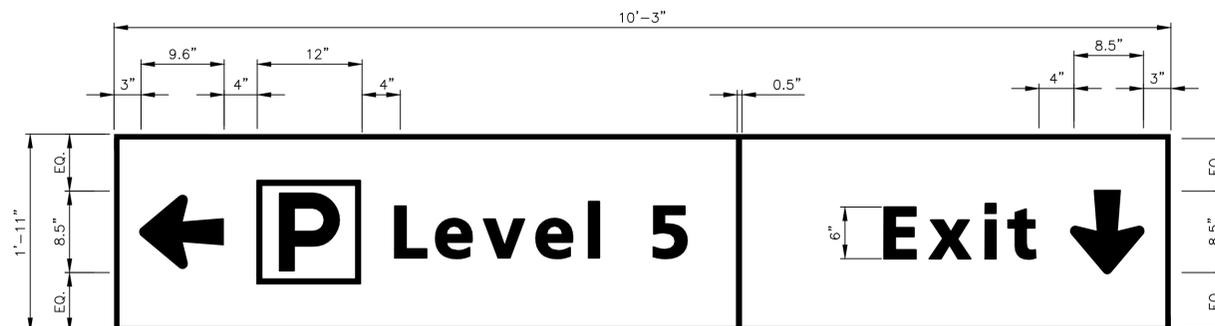


**Message 2**  
8" Frutiger 65 at 150% Char. Space  
Black Lettering/White Background



SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				CHANGEABLE SIGN AT ENTRY PLAZA

N.T.S.



**NOTE:**

FRUTIGER BOLD ● 125%  
HIGHWAY WHITE LEGEND/GREEN BACKGROUND  
12" X 12" PICTOGRAM (HIGHWAY WHITE LEGEND & BORDER/GREEN BACKGROUND)  
8.5" X 9.6" TYPE "B" HIGHWAY WHITE ARROW

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS

N.T.S.

No.	Date	Revision	Approved

ENGINEERING DEPARTMENT

PANYNJ  
Traffic Standard  
Details

**TRAFFIC**

Title  
SIGN LAYOUT

PA STANDARD SIGNS  
SIGN DATA SHEET  
2 OF 4

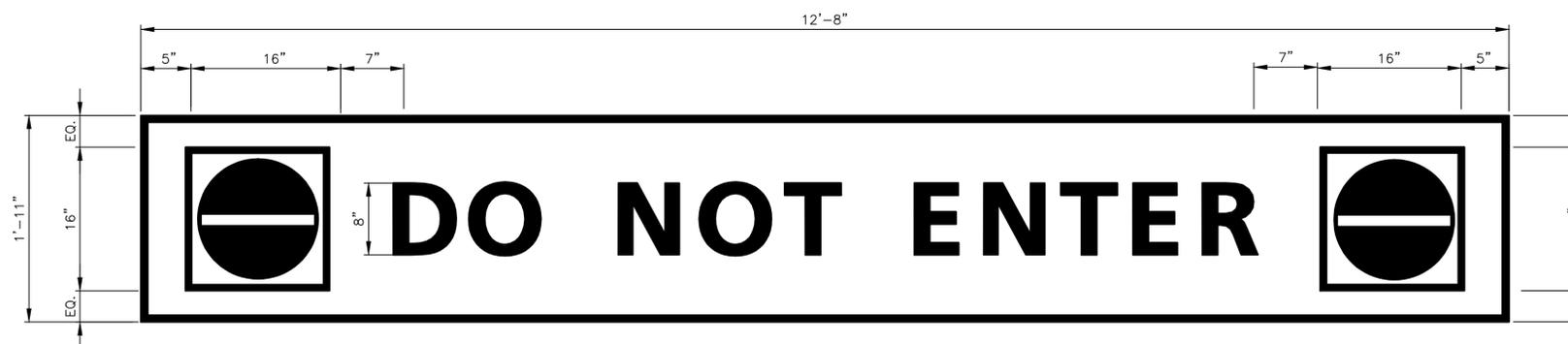
This drawing subject to conditions in contract. All inventions, ideas, designs and methods herein are reserved to Port Authority and may not be used without its written consent. All recipients of Contract documents, including bidders and those who do not bid and their prospective subcontractors and suppliers who may receive all or a part of the Contract documents or copies thereof, shall make every effort to ensure the secure and appropriate disposal of the Contract documents to prevent further disclosure of the information contained in the documents. Secure and appropriate disposal includes methods of document destruction such as shredding or arrangements with refuse handlers that ensure that third persons will not have access to the documents' contents either before, during, or after disposal. Documents may also be returned for disposal purposes to the Contract Desk on the 3rd Floor, 3 Gateway Center, Newark NJ 07102 or the office of the Director of Procurement, One Madison Avenue, 7th Floor, New York, NY 10010. It is a violation of law for any person to alter a document in any way, unless acting under the direction of a licensed professional engineer or registered architect. If this document bearing the seal of an engineer/architect is altered, the altering engineer/architect shall affix to the document their seal and the notation "altered by" followed by their signature and the date of such alteration, and a specific description of the alteration.

Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD43.02**  
PID# \_\_\_\_\_



**NOTE:**

FRUTIGER BOLD ● 150%  
HIGHWAY RED LEGEND/WHITE BACKGROUND  
16" X 16" PICTOGRAM (HIGHWAY RED LEGEND & BORDER/WHITE BACKGROUND)  
0.75" BORDER

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
				BACK LIT SIGN

N.T.S.

CHIEF TRAFFIC ENGINEER

No.	Date	Revision	Approved

<b>ENGINEERING DEPARTMENT</b>			
<b>PANYNJ</b>			
<b>Traffic Standard</b>			
<b>Details</b>			

**TRAFFIC**

Title  
**SIGN LAYOUT**

**PA STANDARD SIGNS  
SIGN DATA SHEET  
3 OF 4**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_  
Date \_\_\_\_\_ 12/28/2013

Contract Number \_\_\_\_\_

Drawing Number **TD43.03**  
PID# \_\_\_\_\_

36"  
32"

2" Top Margin  
GREY  
15" by 15" Pictogram  
Black Background  
2" Space  
4.5" Helv. Med Font (125% Spacing)  
Yellow Lettering  
2" Space  
4.5" Helv Med Font (125% Spacing)  
2" Bottom Margin

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
BC				

N.T.S.

42"  
32"

2" Top Margin  
15" by 15" Fire Extinguisher Pictogram  
White Background  
2" Space  
Red Background  
4.0" Fru. 65 Font (100% Spacing)  
3" Space  
4.0" Fru. 65 Font (100% Spacing)  
2" Bottom Margin  
White Lettering

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
FE				

N.T.S.

24"  
24"

3" Space  
GREY  
White Background  
12" x 12" Pictogram  
Red Background  
3" Space  
3" Helv Med Font (125% Spacing)  
3" Space  
White Lettering

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
FP				

N.T.S.

30"  
24"

0.5" Margin  
6" Space  
3" Fru. 65 Font (125% Spacing)  
4" Space  
3" Fru. 65 Font (125% Spacing)  
6" Space  
0.5" White Border  
WHITE LETTER  
RED BACKGROUND

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
FSP				FABRICATE TWO SIGNS AND JOIN THEM ALONG THE EDGE TO FORM A TRIANGLE

N.T.S.

24"  
30"

0.5" Black Border  
4" Fru. 65 Font (50% Spacing)  
3" Space  
4" Fru. 65 Font (50% Spacing)  
White Background  
3" Space  
Black Lettering

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
SPL				

N.T.S.

30"  
25"

1.5" Top Margin  
15" by 15" Box with a .5" White Border  
Symbol - 13" by 5.25" at a 35 degree angle  
1.5" Space  
4.5" Fru. 65 Font (125% Spacing)  
2" Space  
4.5" Fru. 65 Font (125% Spacing)  
1" Bottom Margin  
1" White Line  
1" Space  
1.5" Fru. 65 @125%  
1" Space  
1" Space

**Notes:**  
1. White Text, Symbol and Side Banner on a Blue Background  
2. XYZ (Number on plan)  
X: signifies the LOT ID NUMBER  
Y: signifies the PARKING LEVEL (use 0 for Surface Lots)  
Z: signifies the PHONE LOCATION

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
HELP				FABRICATE TWO SIGNS AND JOIN THEM ALONG THE EDGE TO FORM A TRIANGLE

N.T.S.

30"  
32"

2" Top Margin  
Grey  
15" by 15" Box with a .5" White Border  
Symbol - 13" by 5.25"  
Yellow Background  
2" Space  
4.5" Fru. 65 Font (125% Spacing)  
2" Space  
4.5" Fru. 65 Font (125% Spacing)  
2" Bottom Margin  
Black Letter

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
TEL				

N.T.S.

32"  
37"

1.5" Space  
GREY  
6" Pictogram - White Symbol on Blue Background  
3" Frutiger 65 Font at 159% Spacing - White on Blue Background  
0.5" Flush White Border  
1.5" Space  
1.5" Space  
1.5" Space  
1.5" Space  
1.5" Space  
1.5" Space  
1" Space  
6"x6" Telephone Pictogram  
1" Space  
3.0" Frutiger 65 Font at 100% Spacing

SIGN ID NUMBER	FABRICATION DETAIL	MOUNTING TYPE	QUANTITY	REMARKS
FEAA				

N.T.S.

30"  
25"

1.5" Top Margin  
15" by 15" Box with a .5" White Border  
Symbol - 13" by 5.25" at a 35 degree angle  
1.5" Space  
4.5" Fru. 65 Font (125% Spacing)  
2" Space  
4.5" Fru. 65 Font (125% Spacing)  
1" Bottom Margin  
1" White Line  
1" Space  
1.5" Fru. 65 @125%  
1" Space  
1" Space

CHIEF

No.	Date	Revision	Approved

ENGINEERING DEPARTMENT

**PANYNJ**  
**Traffic Standard**  
**Details**

TRAFFIC

Title  
**SIGN LAYOUT**

**TYPICAL JFK AIRPORT  
GUIDE SIGN  
STANDARD DETAIL**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD44.02**

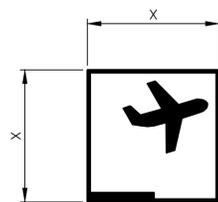
PID#

GUIDE SIGN GENERAL NOTES:

1. GUIDE SIGNS USING TERMINAL LOGOS SHALL BE REFERRED TO AS INBOUND GUIDE SIGNS. GUIDE SIGNS DIRECTING DRIVERS OUT OF THE AIRPORT SHALL BE REFERRED TO AS OUTBOUND GUIDE SIGNS. GUIDE SIGNS DIRECTING DRIVERS TO AIRPORT BUILDINGS SHALL BE REFERRED TO AS BUILDING DIRECTING GUIDE SIGNS.
2. LETTERS, NUMERALS, SYMBOLS AND BORDERS OR ANY PART OF THESE SHALL HEREAFTER BE REFERRED TO AS CHARACTERS.
3. ALL PICTOGRAMS, TERMINAL NUMBERS, ARROWS AND SUPPLEMENTAL PANELS SHALL BE DETACHABLE ALUMINUM.
4. INSTALL ARROWS ON OVERHEAD SIGNS IN FIELD, AFTER SIGNS HAVE BEEN INSTALLED.
5. THE FOLLOWING COLORS SHALL BE USED FOR INBOUND GUIDE SIGNS:

BLACK - 3M SCOTCHLITE NON-REFLECTIVE GRADE SHEETING-SERIES 3650 (BLACK)
GRAY - BENJAMIN MOORE 1631
QUADRANT RED - 3M SCOTCHLITE 3272 (RED)
QUADRANT ORANGE - 3M SCOTCHLITE 1484 (ORANGE)
QUADRANT GREEN - 3M SCOTCHLITE 3277 (GREEN)
QUADRANT YELLOW - 3M SCOTCHLITE 3271 (YELLOW)
QUADRANT BLUE - 3M SCOTCHLITE 3275 (BLUE)
QUADRANT WHITE - 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER)
HIGHWAY RED-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3992 (RED)
HIGHWAY ORANGE-3M SCOTCHLITE ELECTROCUIT FILM SERIES 1170, PRODUCT CODE 1174 (ORANGE) APPLIED TO 3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3990 (WHITE)
HIGHWAY GREEN-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3997 (GREEN)
HIGHWAY YELLOW-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3991 (YELLOW)
HIGHWAY BLUE-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3995 (BLUE)
HIGHWAY WHITE-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3990 (WHITE)
HIGHWAY BROWN-3M SCOTCHLITE BRAND REFLECTIVE HIGH INTENSITY GRADE SHEETING - SERIES 3879 (BROWN)

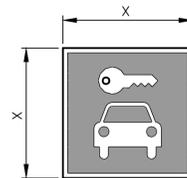
6. ALL LEGENDS SHALL BE 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER) EXCEPT THAT BLACK LEGEND SHALL BE APPLIED WHEN THE LOGOS ARE 5, 6, OR 7.
7. LOGO BORDERS SHALL BE 6.8% OF THE NUMERAL LEGEND HEIGHT (Y).
8. ALL TERMINAL BORDERS SHALL BE 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER) EXCEPT THAT BLACK BORDERS SHALL BE APPLIED WHEN THE BACKGROUND COLOR OF THE SIGN PANEL IS THE SAME COLOR AS THE LOGOS 5, 6 AND 7 BEING USED.
9. THE OVERALL BORDERS OF ALL SIGNS SHALL BE 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER).
10. ALL ARROWS SHALL BE 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER) EXCEPT THAT BLACK ARROWS SHALL BE APPLIED WHEN THE BACKGROUND COLOR OF THE SIGN PANEL IS THE SAME COLOR AS THE LOGOS 5, 6 AND 7 BEING USED.
11. THE BACKGROUND COLOR OF ALL GUIDE SIGNS SHALL BE 3M SCOTCHLITE BRAND ENGINEER SERIES 3200 FLAT-TOP WIDE ANGLE REFLECTORIZED SHEETING OR APPROVED EQUAL MATCHING THE LOGO COLOR WITHIN THE SAME SIGN. IN THE CASE THAT THERE ARE MORE THAN ONE LOGO COLORS WITHIN THE SAME SIGN, A GRAY BACKGROUND COLOR SHALL BE APPLIED.
12. ALL CHARACTERS SHALL BE MADE OF 3M SCOTCHLITE BRAND HIGH INTENSITY GRADE SHEETING SERIES 3800 OR APPROVED EQUAL.
13. A SAMPLE OF SIGN PANELS OF SIZE 10" X 10" FOR ALL BACKGROUND COLORS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
14. THE EDGES AND BACK OR REAR SURFACE OF ALL TYPE 2 SIGN PANELS (GUIDE SIGNS) SHALL BE PAINTED WITH TWO COATS OF APPROVED GRAY EXTERIOR PAINT.
15. FOR GUIDE SIGNS WITH THE TERMINAL LOGOS 5, 6, 7 AND THE BACKGROUND COLOR OF THE SIGN IS GRAY, THE TERMINAL LOGO BORDER SHALL BE WHITE FOR TERMINAL LOGOS 5, 6 AND 7.
16. THE GUIDE SIGNS SHALL HAVE THE "FRUTIGER 65MM BOLD" LETTERING WITH A 150% SPACING, UNLESS OTHERWISE SPECIFIED, EXCEPT ALL TERMINAL LOGO NUMERALS SHALL HAVE THE "HELVETICA MEDIUM" LETTERING.
17. ONLY THE STANDARD HIGHWAY COLORS AS APPROVED BY FHWA AND SPECIFIED ON SIGN DATA SHEETS SHALL BE PERMITTED.



RETURN TO TERMINALS  
HIGHWAY BLACK PLANE &  
BORDER HIGHWAY YELLOW  
BACKGROUND



LONG TERM PARKING  
HIGHWAY GREEN LETTER &  
BORDER HIGHWAY WHITE  
BACKGROUND

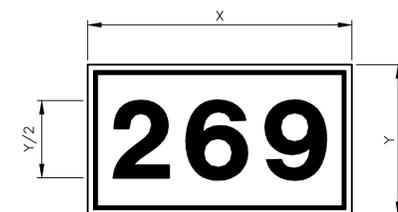


RENTAL CARS  
HIGHWAY WHITE SYMBOL & BORDER  
HIGHWAY BLUE BACKGROUND

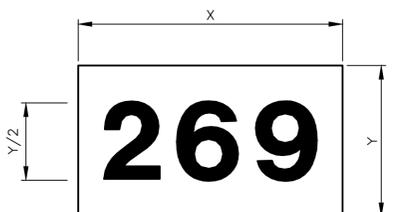
NOTE:

1. FOR COLOR, LETTER SIZE, SIGN SIZE AND OTHER DETAILS SEE SIGN DATA SHEETS.

OUTBOUND PICTOGRAMS  
N.T.S.

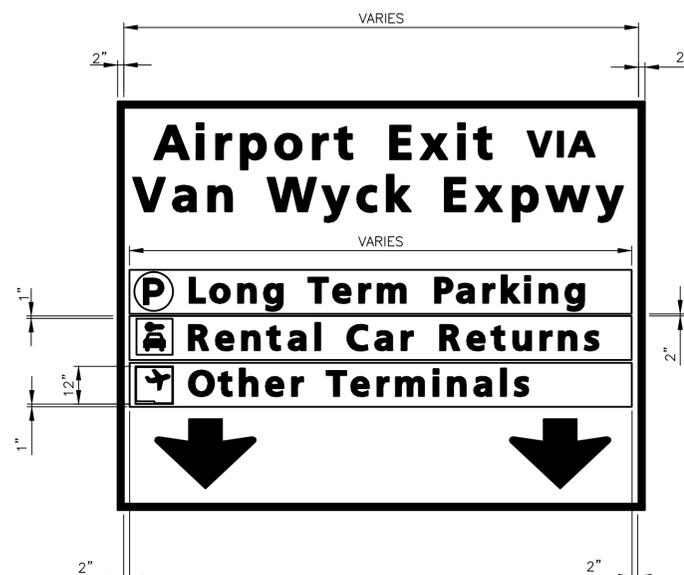


BUILDING NUMBER A BLACK  
NUMERALS 0.5" BLACK  
OUTLINE 1" WHITE MARGIN  
WHITE BACKGROUND

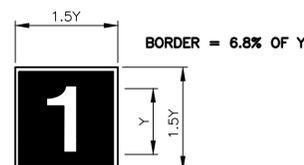


BUILDING NUMBER B BLACK  
NUMERALS WHITE  
BACKGROUND

BUILDING DIRECTING PICTOGRAMS  
N.T.S.



TYPICAL TEXT LAYOUT  
FOR GUIDE SIGNS  
N.T.S.



TERMINAL 1 LOGO WHITE  
NUMERAL & BORDER GREEN  
BACKGROUND



TERMINAL 2 LOGO WHITE  
NUMERAL & BORDER GREEN  
BACKGROUND



TERMINAL 3 LOGO WHITE  
NUMERAL & BORDER GREEN  
BACKGROUND



TERMINAL 4 LOGO WHITE  
NUMERAL & BORDER BLUE  
BACKGROUND



TERMINAL 5 LOGO BLACK  
NUMERAL BLACK OR WHITE  
BORDER YELLOW  
BACKGROUND (SEE NOTES 8  
AND 15 THIS DRAWING)



TERMINAL 6 LOGO BLACK  
NUMERAL BLACK OR WHITE  
BORDER YELLOW  
BACKGROUND (SEE NOTES 8  
AND 15 THIS DRAWING)



TERMINAL 7 LOGO BLACK  
NUMERAL BLACK OR WHITE  
BORDER ORANGE  
BACKGROUND (SEE NOTES 8  
AND 15 THIS DRAWING)



TERMINAL 8 LOGO WHITE  
NUMERAL & BORDER RED  
BACKGROUND



TERMINAL 9 LOGO WHITE  
NUMERAL & BORDER RED  
BACKGROUND

TERMINAL LOGOS  
N.T.S.

**PICTOGRAMS FOR PEDESTRIAN AND  
VEHICULAR WAYFINDING SIGNS**

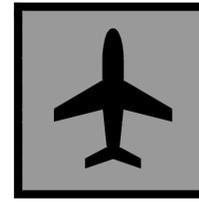
N.T.S.



PARKING WHITE LEGEND &  
BORDER BACKGROUND TO MATCH  
TERMINAL COLOR



PED - EXIT YELLOW SYMBOLS &  
BORDER BLACK BACKGROUND



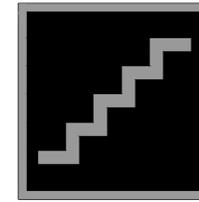
TERMINAL / AIRPORT BLACK  
PLANE & BORDER YELLOW  
BACKGROUND



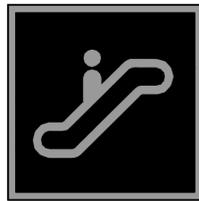
ELEVATOR YELLOW SYMBOLS &  
BORDER BLACK BACKGROUND



AIRTRAIN JFK LOGO BLACK TRAIN  
TRACKS & "TRAIN" WHITE  
BACKGROUND BLUE PLANE, "AIR"  
& "JFK"



STAIRS YELLOW SYMBOLS &  
BORDER BLACK BACKGROUND



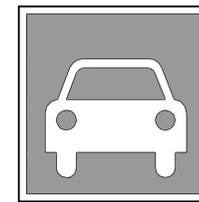
ESCALATOR YELLOW SYMBOLS &  
BORDER BLACK BACKGROUND



PASSENGER PICK UP / DROP  
OFF WHITE SYMBOLS & BORDER  
GREEN BACKGROUND



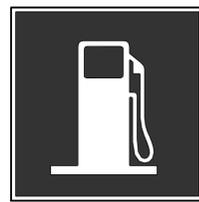
PEDESTRIANS WHITE SYMBOL ON  
GRAY BACKGROUND



LIMO LOT WHITE SYMBOLS &  
BORDER GREEN BACKGROUND



RENTAL CARS  
HIGHWAY WHITE SYMBOLS & BORDER  
HIGHWAY BLUE BACKGROUND



GAS STATION WHITE LEGEND  
& BORDER BLUE  
BACKGROUND

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OF NY & NJ**

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No.	Date	Revision	Approved

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Title  
SIGN LAYOUT

**TYPICAL JFK AIRPORT  
PEDESTRIAN AND  
VEHICULAR WAYFINDING  
SIGNS**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD44.01**

PID#

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LGA GUIDE SIGN GENERAL NOTES

1. GUIDE SIGNS DIRECTING DRIVERS OUT OF THE AIRPORT SHALL BE REFERRED TO AS OUTBOUND GUIDE SIGNS. GUIDE SIGNS DIRECTING DRIVERS INTO THE AIRPORT AND TO TERMINALS AND PARKING LOTS SHALL BE REFERRED TO AS OUTBOUND GUIDE SIGNS.
2. ALL PICTOGRAMS, ARROWS AND SUPPLEMENTAL PANELS SHALL BE DETACHABLE ALUMINUM.
3. INSTALL ARROWS ON OVERHEAD SIGNS IN FIELD, AFTER SIGNS HAVE BEEN INSTALLED.
4. THE FOLLOWING COLORS SHALL BE USED FOR OUTBOUND GUIDE SIGNS:

BLACK - 3M SCOTCHLITE NON-REFLECTIVE GRADE SHEETING-SERIES 3650 (BLACK)
GRAY - BENJAMIN MOORE 1631
HIGHWAY RED-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3992 (RED)
HIGHWAY ORANGE-3M SCOTCHLITE ELECTROCUT FILM SERIES 1170, PRODUCT CODE 1174 (ORANGE) APPLIED TO 3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3990 (WHITE)
HIGHWAY GREEN-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3997 (GREEN)
HIGHWAY YELLOW-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3991 (YELLOW)
HIGHWAY BLUE-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3995 (BLUE)
HIGHWAY WHITE-3M SCOTCHLITE BRAND DIAMOND GRADE VIP REFLECTIVE SHEETING-SERIES 3990, PRODUCT CODE 3990 (WHITE)

5. ALL LEGENDS, ARROWS AND OVERALL BORDERS SHALL BE HIGHWAY WHITE UNLESS OTHERWISE SPECIFIED.
6. A SAMPLE OF SIGN PANELS OF SIZE 10" X 10" FOR ALL BACKGROUND COLORS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
7. THE EDGES AND BACK OR REAR SURFACE OF ALL TYPE 2 SIGN PANELS (GUIDE SIGNS) SHALL BE PAINTED WITH TWO COATS OF APPROVED GRAY EXTERIOR PAINT.
8. FOR TYPICAL TEXT LAYOUT FOR GUIDE SIGNS WITH SUPPLEMENTAL PANELS SEE THIS DRAWING.
9. THE GUIDE SIGNS SHALL HAVE THE "FRUTIGER 65MM BOLD" LETTERING WITH A 150% SPACING, UNLESS OTHERWISE SPECIFIED, EXCEPT ALL BUILDING NUMBER NUMERALS SHALL HAVE THE "HELVETICA MEDIUM" LETTERING AT 150% SPACING..
10. ONLY THE STANDARD HIGHWAY COLORS AS APPROVED BY FHWA AND SPECIFIED ON SIGN DATA SHEETS SHALL BE PERMITTED.

LEGEND

Y = LETTER SIZE

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TYPICAL LGA AIRPORT  
GUIDE SIGN  
STANDARD DETAILS

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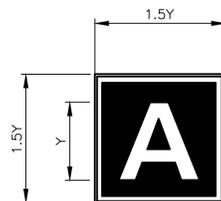
Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date \_\_\_\_\_ 12/28/2013

Contract Number \_\_\_\_\_

Drawing Number **TD45.01**

PID#



BORDER = 6.8% OF Y



TERMINAL B LOGO  
WHITE LETTER &  
BORDER GREEN  
BACKGROUND

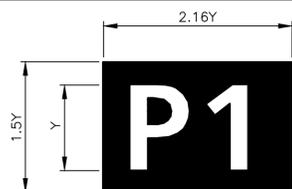


TERMINAL C LOGO  
WHITE LETTER &  
BORDER RED  
BACKGROUND



TERMINAL D LOGO  
WHITE LETTER &  
BORDER ORANGE  
BACKGROUND

LGA TERMINAL LOGOS  
N.T.S.



PARKING LOT 1 LOGO WHITE  
LETTERS GREEN BACKGROUND



PARKING LOT 2 LOGO WHITE  
LETTERS GREEN BACKGROUND



PARKING LOT 3 LOGO WHITE  
LETTERS GREEN BACKGROUND



PARKING LOT 4 LOGO WHITE  
LETTERS GREEN BACKGROUND



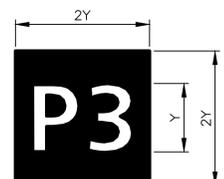
PARKING LOT 5 LOGO WHITE  
LETTERS GREEN BACKGROUND



PARKING LOT 6 LOGO WHITE  
LETTERS GREEN BACKGROUND



PARKING LOT 7 LOGO WHITE  
LETTERS GREEN BACKGROUND



LOT 3 SQUARE LOGO WHITE  
LETTERS GREEN BACKGROUND



LOT 6 SQUARE LOGO WHITE  
LETTERS GREEN BACKGROUND



LOT 7 SQUARE LOGO WHITE  
LETTERS GREEN BACKGROUND

LGA PARKING LOT LOGOS  
N.T.S.

BORDER = 11.25% OF Y  
INDENT = 11.25% OF Y



AVIS PICTOGRAM WHITE LETTERS @ 0% SPACING  
& INDENT RED BACKGROUND & BORDER



HERTZ PICTOGRAM BLACK LETTERS @ 0% SPACING  
& INDENT YELLOW BACKGROUND & BORDER

RENTAL CAR LOGOS  
N.T.S.

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**Details**

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Title  
**SIGN LAYOUT**

**TYPICAL EWR AIRPORT  
GUIDE SIGN  
STANDARD DETAILS**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD46.01**

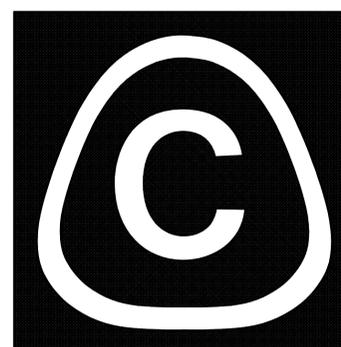
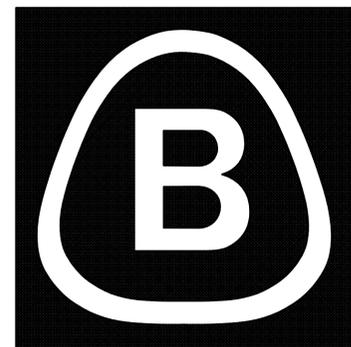
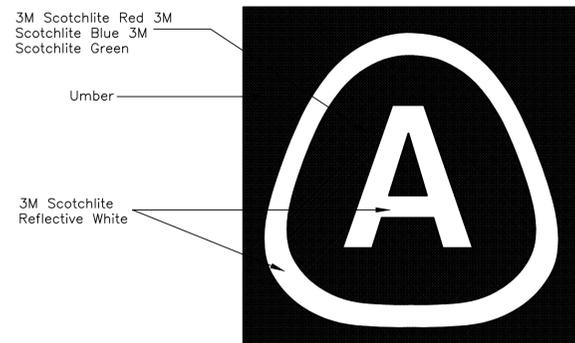
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INBOUND GUIDE SIGN GENERAL NOTES :

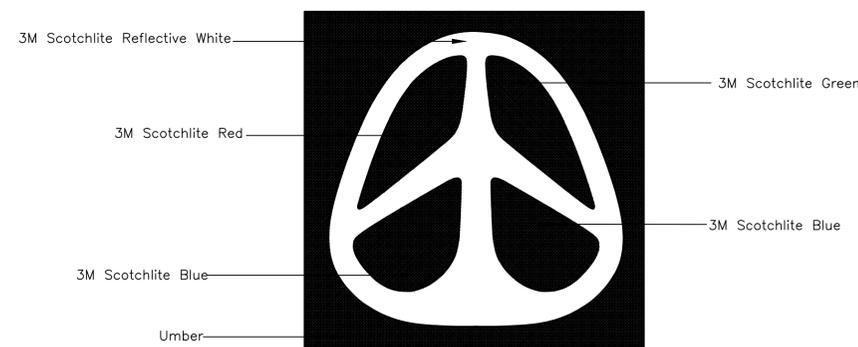
1. GUIDE SIGNS USING TERMINAL LOGOS SHALL BE REFERRED TO AS INBOUND GUIDE SIGNS.
2. LETTERS, NUMERALS, SYMBOLS AND BORDERS OR ANY PART OF THESE SHALL HEREAFTER BE REFERRED TO AS CHARACTERS.
3. ALL TERMINAL NUMBERS, ARROWS AND SUPPLEMENTAL PANELS SHALL BE DETACHABLE ALUMINUM.
4. INSTALL ARROWS ON OVERHEAD SIGNS IN FIELD, AFTER SIGNS HAVE BEEN INSTALLED.
5. THE FOLLOWING COLORS SHALL BE USED FOR INBOUND GUIDE SIGNS:

BLACK – 3M SCOTCHLITE NON-REFLECTIVE GRADE SHEETING--SERIES 3650 (BLACK)
GRAY – BENJAMIN MOORE 1631
QUADRANT RED – 3M SCOTCHLITE 3272 (RED)
QUADRANT ORANGE – 3M SCOTCHLITE 1484 (ORANGE)
QUADRANT GREEN – 3M SCOTCHLITE 3277 (GREEN)
QUADRANT YELLOW – 3M SCOTCHLITE 3271 (YELLOW)
QUADRANT BLUE – 3M SCOTCHLITE 3275 (BLUE)
QUADRANT WHITE – 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER)

6. ALL LEGENDS SHALL BE 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER).
7. LOGO BORDERS SHALL BE 6.8% OF THE NUMERAL LEGEND HEIGHT (Y).
8. ALL TERMINAL BORDERS SHALL BE 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER) EXCEPT THAT BLACK BORDERS SHALL BE APPLIED WHEN THE BACKGROUND COLOR OF THE SIGN PANEL IS THE SAME COLOR AS THE LOGOS BEING USED.
9. THE OVERALL BORDERS OF ALL SIGNS SHALL BE 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER).
10. ALL ARROWS SHALL BE 3M SCOTCHLITE REFLECTIVE WHITE 3870 (SILVER) EXCEPT THAT BLACK ARROWS SHALL BE APPLIED WHEN THE BACKGROUND COLOR OF THE SIGN PANEL IS THE SAME COLOR AS THE LOGOS BEING USED.
11. THE BACKGROUND COLOR OF ALL GUIDE SIGNS SHALL BE 3M SCOTCHLITE BRAND ENGINEER SERIES 3200 FLAT-TOP WIDE ANGLE REFLECTORIZED SHEETING OR APPROVED EQUAL MATCHING THE LOGO COLOR WITHIN THE SAME SIGN. IN THE CASE THAT THERE ARE MORE THAN ONE LOGO COLORS WITHIN THE SAME SIGN, A GRAY BACKGROUND COLOR SHALL BE APPLIED.
12. ALL CHARACTERS SHALL BE MADE OF 3M SCOTCHLITE BRAND HIGH INTENSITY GRADE SHEETING SERIES 3800 OR APPROVED EQUAL.
13. A SAMPLE OF SIGN PANELS OF SIZE 10" X 10" FOR ALL BACKGROUND COLORS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.
14. THE EDGES AND BACK OR REAR SURFACE OF ALL TYPE 2 SIGN PANELS (GUIDE SIGNS) SHALL BE PAINTED WITH TWO COATS OF APPROVED GRAY EXTERIOR PAINT.
15. THE OVERHEAD GUIDE SIGNS FOR MAJOR DESTINATIONS (ROADWAYS AND CONTROL DESTINATIONS), SHALL HAVE 13.33" UPPER CASE/10" LOWER CASE SERIES E--MODIFIED TEXT.
16. THE OVERHEAD GUIDE SIGNS FOR SUPPLEMENTAL DESTINATIONS (TENANT FACILITIES), SHALL HAVE 10.67" UPPER CASE/8" LOWER CASE SERIES E TEXT.
17. GUIDE SIGN TEXT LETTERING SHALL BE AT 150% SPACING, UNLESS OTHERWISE SPECIFIED, EXCEPT ALL TERMINAL LOGO NUMERALS/LETTERS SHALL HAVE THE "HELVETICA MEDIUM" LETTERING.
18. ONLY THE STANDARD HIGHWAY COLORS AS APPROVED BY FHWA AND SPECIFIED ON SIGN DATA SHEETS SHALL BE PERMITTED.

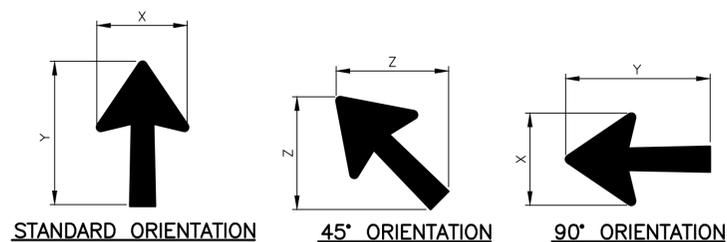


TERMINAL IDENTIFICATION SHIELDS  
N.T.S.



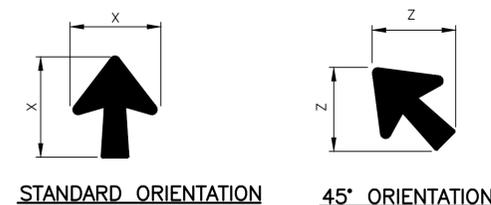
NEWARK AIRPORT LOGO  
N.T.S.





TYPE "A" ARROW

ARROW TYPE	DIMENSIONS (INCHES)		
	X	Y	Z
A-1	11 1/4	18 1/4	15
A-2	15 1/8	24 1/4	20
A-3	18 1/4	29 1/4	24
A-4	22 1/4	35 5/8	28

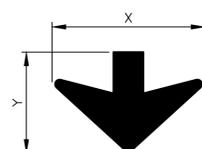


TYPE "B" ARROW

ARROW TYPE	DIMENSIONS (INCHES)		
	X	Y	Z
B-1	8 7/16	9 9/16	9
B-2	14 1/4	17 1/4	15
B-3	17 1/2	20 1/4	17
B-4	21 7/8	25	21

INTERSTATE STANDARD ARROWS

N.T.S.

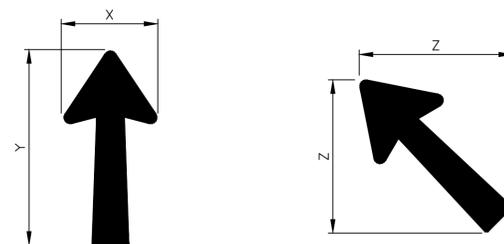


TYPE "C" ARROW

ARROW TYPE	DIMENSIONS (INCHES)	
	X	Y
C-1	32	22
C-2	24	16 1/2

STANDARD DOWN ARROWS

N.T.S.



TYPE "D" ARROW

ARROW TYPE	DIMENSIONS (INCHES)		
	X	Y	Z
D-1	11 1/4	24	19
D-2	15 1/8	32	26
D-3	18 1/4	39	31
D-4	22 1/4	48	38

EXTENDED INTERSTATE STANDARD ARROWS

N.T.S.

LEGEND

X = X-COORDINATE MEASURED FROM LEFT EDGE OF SIGN  
Y = Y-COORDINATE MEASURED FROM BOTTOM EDGE OF SIGN

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**STANDARD ARROW  
DETAILS**

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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_

Date 12/28/2013

Contract Number \_\_\_\_\_

Drawing Number **TD47.01**

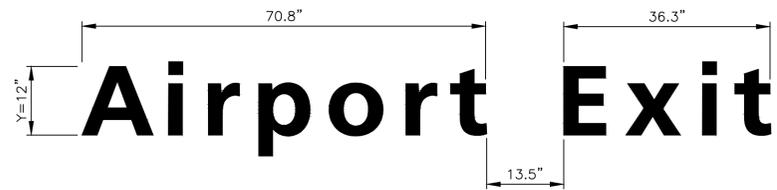
PID#

**A B C D E F**  
**G H I J K L**  
**M N O P Q R**  
**S T U V W X**  
**Y Z**  
**& : ; , . " ' / -**

FRUTIGER 65 UPPER CASE

**a b c d e f g h i j k**  
**l m n o p q r s t u v**  
**w x y z**  
**& : ; , . " ' / -**

FRUTIGER 65 LOWER CASE



**1 2 3 4 5**  
**6 7 8 9 0**

FRUTIGER 65 NUMBERS

**NOTES:**

1. THE GUIDE SIGNS SHALL HAVE THE "FRUTIGER 65" LETTERING OF THE SIZE SPECIFIED. THE SPACING SHALL BE PRODUCED BY GERBER SIGN SOFTWARE TO PROVIDE 150% CHARACTER STRING EXPANSION OVER THE NORMAL FRUTIGER 65 SPACING, UNLESS OTHERWISE SPECIFIED ON THE CONTRACT DRAWINGS.
2. RELATIONSHIP BETWEEN CAPITAL LETTER HEIGHTS AND LOWER CASE LETTERING HEIGHT SHALL BE ABOUT 1:0.775 TO 1:0.75.
3. ONLY THE STANDARD HIGHWAY COLORS AS APPROVED BY FHWA AND SPECIFIED ON SIGN DATA SHEETS SHALL BE PERMITTED.
4. FULL SIZE MESSAGE LAYOUTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL.

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<b>ENGINEERING DEPARTMENT</b>			
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<b>Traffic Standard</b>			
<b>Details</b>			

**TRAFFIC**

Title **SIGN LAYOUT**

**SIGN FABRICATION  
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Designed by \_\_\_\_\_ Drawn by \_\_\_\_\_ Checked by \_\_\_\_\_  
 Date **12/28/2013**

Contract Number \_\_\_\_\_

Drawing Number **TD47.02**  
 PID# \_\_\_\_\_