

## **PAY ITEM QUANTITY CALCULATIONS**

*INSTALLATION OF PAVEMENT MARKINGS AT VARIOUS LOCATIONS IN THE NEW  
YORK DIVISION*

TANY 23-28

D214951

PIN N72306

## INSTALLATION OF PAVEMENT MARKINGS AT VARIOUS LOCATIONS IN THE NEW YORK DIVISION

ITEM NUMBER	ITEM DESCRIPTION	UNITS	QUANTITY
619.0101	BASIC WORK ZONE TRAFFIC CONTROL (DAILY OPERATIONS)	LS	1
619.24	NIGHTTIME OPERATIONS	LS	1
635.01030625	CLEANING AND PREPARATION OF PAVEMENT SURFACES - 6" WIDTH LINES	LF	1,000
635.0203	CLEANING AND PREPARATION OF PAVEMENT SURFACES - LETTERS	EA	20
635.0303--25	CLEANING AND PREPARATION OF PAVEMENT SURFACES - SYMBOLS	EA	7
635.0402--25	MISCELLANEOUS ABRADING OF EPOXY PAVEMENT STRIPES	LF	1,000
685.0106--25	WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES 6 INCH X 15 MILS	LF	62,567
685.0206--25	YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES 6 INCH X 15 MILS	LF	26,460
685.1306--25	WHITE EPOXY REFLECTORIZED PAVEMENT LETTERS	EA	20
685.1406--25	WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS	EA	7
685.1707--25	WHITE HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPES - 6 IN. x 20 MILS	LF	293,835
685.1708--25	YELLOW HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPES - 6 IN. x 20 MILS	LF	199,590




**Thruway  
Authority**

**PROJECT:** Installation of Pavement Markings at Various  
Locations in the New York Division

**MADE BY:** J. McCool

**DATE:** 09/2023

**CHECKED BY:** 

**DATE:** 10-23

**SUBJECT:** WZTC

**SHEET #** 1 **OF** 1

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**ITEM 619.0101 - BASIC WORK ZONE TRAFFIC CONTROL (DAILY OPERATIONS) (LS)**

**1 LS**





**Thruway  
Authority**

**PROJECT:** Installation of Pavement Markings at Various  
Locations in the New York Division

**MADE BY:** J. McCool

**DATE:** 09/2023

**CHECKED BY:** 

**DATE:** 10-23

**SUBJECT:** Nighttime Operations

**SHEET #** 1 **OF** 1

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**ITEM 619.24 - NIGHTTIME OPERATIONS (LS)**

**1 LS**



Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: 

DATE: 10-23


SUBJECT: Cleaning and Prep of Pavement

SHEET # 1 OF 1

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ITEM 635.01030625 - CLEANING AND PREPARATION OF PAVEMENT SURFACES - 6" WIDTH LINES (LF)

Item is to be used A.O.B.E.

SAY: 1,000 LF 



Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: 

DATE: 10-23

SUBJECT: Cleaning and Prep of Pavement - Letters

SHEET # 1 OF 1

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**ITEM 635.0203 - CLEANING AND PREPARATION OF PAVEMENT SURFACES - LETTERS (EA)**

Interchange 17

5 "O"

5 "N"

5 "L"

5 "Y"

20 total letters 



SAY: 20 EA 



Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: 

DATE: 11-6-23

SUBJECT: Cleaning and Prep of Pavement - Symbols

SHEET # 1 OF 1

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**ITEM 635.0303--25 - CLEANING AND PREPARATION OF PAVEMENT SURFACES - SYMBOLS (EA)**

Interchange 17

- 1 Lane Reduction Arrow
- 3 Right Turn Only Arrow
- 2 Left Turn Only Arrow
- 1 Left/Straight Arrow
- 19 Yield Bar Triangles ✓

26 total symbols

Interchange NE 20 & 21

- 15 Yield Bar Triangles ✓

**SAY: 41 EA** ✓



Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: [Signature]

DATE: 10-23

SUBJECT: Misc. Abrading of Epoxy Stripes

SHEET # 1 OF 1

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ITEM 635.0402--25 - MISCELLANEOUS ABRADING OF EPOXY PAVEMENT STRIPES (LF)

Item is to be used A.O.B.E.

SAY: 1,000 LF







Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: 

DATE: 11-6-23

SUBJECT: White Epoxy Stripe

SHEET # 1 OF 1

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ITEM 685.0106--25 - WHITE EPOXY REFLECTORIZED PAVEMENT STRIPES 6 INCH X 15 MILS (LF)

\*\*All measurements were  
taken using Google Earth\*\*

Interchange 17

Interchanges NE 20 & 21

44,087 LF

15,335 LF

44,087 + 15,335 = 59,422

59,422 x 5% = 62,393

SAY: 62,393 LF 



Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: [Signature]

DATE: 10-23

SUBJECT: Yellow Epoxy Stripe

SHEET # 1 OF 1

**ITEM 685.0206--25 - YELLOW EPOXY REFLECTORIZED PAVEMENT STRIPES 6 INCH X 15 MILS (LF)**

Interchange 17

Interchanges NE 20 & 21

\*\*All measurements were  
taken using Google Earth\*\*

17,991 LF

7,204 LF

17,991 ✓ +

7,204 ✓ =

25,195 ✓

25,195 x

5% =

26,460 05 ✓

**SAY: 26,460 LF** ✓



PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: 

DATE: 11-6-23

SUBJECT: Interchange NE 20 & 21 (MP NE 13.39 & NE 13.91)  
White/Yellow Epoxy Stripes

SHEET # 1 OF 1

**White**

NB Decel	$1,545 + 1,106 = 2,651$
SB Accel	$2,497 + 83 + 300 + 2,572 = 5,452$
Gore	$186 + 185 + 194 + 200 + 194 + 235 + 20 + 157 + 165 + 90 + 88 + 135 + 122 =$ $1,971 \times 2 = 3,942$
Skip	$1,974 \times 0.25 = 494$
Ramp to Boston Post Rd	2,708
Stop Bar	$22 \times 4 = 88$ (assumed to be 24 inches wide)
	$2,651 + 5,452 + 3,942 + 494 + 2,708 + 88 = 15,335$

**Yellow**

NB Decel	$557 + 2,367 = 2,924$
SB Accel	$2,407 + 85 + 571 + 771 = 3,834$
NB Accel	446
	$2,924 + 3,834 + 446 = 7,204$



Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: [Signature]

DATE: 10-23

SUBJECT: White Pavement Letters

SHEET # 1 OF 1

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**ITEM 685.1306--25 - WHITE EPOXY REFLECTORIZED PAVEMENT LETTERS (EA)**

Interchange 17

5 "O"

5 "N"

5 "L"

✓ 5 "Y"

20 total letters ✓

SAY: 20 EA

OK



Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: 

DATE: 11-6-23

SUBJECT: White Pavement Symbols

SHEET # 1 OF 1

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**ITEM 685.1406--25 - WHITE EPOXY REFLECTORIZED PAVEMENT SYMBOLS (EA)**

Interchange 17

- 1 Lane Reduction Arrow
- 3 Right Turn Only Arrow
- 2 Left Turn Only Arrow
- 1 Left/Straight Arrow
- 19 Yield Bar Triangles ✓
- 26 total symbols

Interchange NE 20 & 21

- 15 Yield Bar Triangles ✓

**SAY: 41 EA** ✓



Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: [Signature]

DATE: 11-6-23

SUBJECT: White Triple Drop Stripe

SHEET # 1 OF 1

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**ITEM 685.1707--25 - WHITE HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPE (LF)**

Mainline

MP 0.00 - MP 11.00 (3 LANES)

11 miles x 5,280 ft/mile = 58,080 ft

58,080 ft x 3 (2 edge lines and 4 skips) = 174,240 LF

MP 38.00 - MP 43.00 (3 LANES)

5 miles x 5,280 ft/mile = 26,400 ft

26,400 ft x 3 (2 edge lines and 4 skips) = 79,200 LF

MP 46.00 - MP 48.00 (2 LANES)

2 miles x 5,280 ft/mile = 10,560 ft

10,560 ft x 2.5 (2 edge lines and 2 skips) = 26,400 LF

174,240 + 79,200 + 26,400 = 279,840

279,840 x 5% = 293,835

**SAY: 293,835 LF**



Thruway  
Authority

PROJECT: Installation of Pavement Markings at Various  
Locations in the New York Division

MADE BY: J. McCool

DATE: 09/2023

CHECKED BY: [Signature]

DATE: 11-8-23

SUBJECT: Yellow Triple Drop Stripe

SHEET # 1 OF 1

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**ITEM 685.1708--25 - YELLOW HIGHLY REFLECTORIZED TRIPLE DROP EPOXY PAVEMENT STRIPE (LF)**

Mainline

MP 0.00 - MP 11.00 (3 LANES)

11 miles x 5,280 ft/mile = 58,080 ft x 2 (EB & WB) = 116,160 LF

MP 38.00 - MP 43.00 (3 LANES)

5 miles x 5,280 ft/mile = 26,400 ft x 2 (EB & WB) = 52,800 LF

MP 46.00 - MP 48.00 (2 LANES)

2 miles x 5,280 ft/mile = 10,560 ft x 2 (EB & WB) = 21,120 LF

116,160 + 52,800 + 21,120 = 190,080

190,080 x 5% = 199,590

**SAY: 199,590 LF**