

**FOR INFORMATIONAL PURPOSES ONLY**

<b>ESTIMATE OF QUANTITIES FOR NASSAU COUNTY PAVEMENT MARKING PHASE 14 AUGUST 2022</b>		COUNTY OF NASSSAU DEPARTMENT OF PUBLIC WORKS  1194 PROSPECT AVENUE WESTBURY, NY 11590-2723	
ITEM NO.	GENERAL DESCRIPTION OF WORK	UNIT	QUANTITY
619.01	Work Zone Traffic Control	LS	1
619.24	Nighttime Operations	LS	1
635.0103	Cleaning And Preparation Of Pavement for Pavement Marking - Stripes	LF	187,785
635.0203	Cleaning And Preparation Of Pavement for Pavement Marking - Letters	EA	380
635.0303	Cleaning And Preparation Of Pavement for Pavement Marking - Symbols	EA	594
685.07200110	White Epoxy ReflectORIZED Pavement Stripes -20 mils (Wet Night Visibility Spheres)	LF	527,105
685.07200210	White Epoxy ReflectORIZED Pavement Letters -20 mils (Wet Night Visibility Spheres)	EA	378
685.07200310	White Epoxy ReflectORIZED Pavement Symbols -20 mils (Wet Night Visibility Spheres)	EA	579
685.07200410	White Epoxy ReflectORIZED Pavement Stripes -20 mils Cross Hatching (Wet Night Visibility Spheres) <i>(Parking Deliniation and Restiction, Chevron Markings)</i>	LF	24,245
685.07200510	White Epoxy ReflectORIZED Pavement Stripes -20 mils Special Markings (Wet Night Visibility Spheres) <i>(Crosswalk, Stop Lines, Grid Box, RXR)</i>	LF	149,070
685.07200610	Yellow Epoxy ReflectORIZED Pavement Stripes -20 mils (Wet Night Visibility Spheres)	LF	427,745
685.07200710	Yellow Epoxy ReflectORIZED Pavement Stripes -20 mils Cross Hatching (Wet Night Visibility Spheres)	LF	14,470
685.07200810	White Epoxy ReflectORIZED Pavement Markings Yield Line Symbols - Small - 20 mils (Wet Night Visibility Spheres)	EA	15
685.07200910	White Epoxy ReflectORIZED Pavement Markings Yield Line Symbols - Large - 20 mils (Wet Night Visibility Spheres)	EA	0
699.040001	Mobilization	LS	1

ATLANTIC AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 1.26 Milburn Creek Bridge Freeport	MP 2.51 South Main Street Freeport	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	16,100
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	12
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	34
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	200
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	7,670
Length (Miles):	1.25 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	14,000
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	300
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

BROADWAY - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Hempstead Town Line Lawrence	MP 2.37 Woodmere Boulevard Woodsburgh	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	25,210
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	12
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	1
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	500
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	7,275
Length (Miles):	2.37 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	25,630
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

CENTENNIAL AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Demott Avenue Baldwin	MP 1.25 Babylon Turnpike Roosevelt	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	13,815
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	0
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	400
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	4,195
Length (Miles):	1.25 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	14,080
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

CHERRY VALLEY AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Rockaway Avenue Garden City	MP 0.25 Stewart Avenue Garden City	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	3,780
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	24
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	10
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	180
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	1,035
Length (Miles):	0.25 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	2,640
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	50
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

CHICKEN VALLEY ROAD - Major Collector, FC #17			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Cedar Swamp Road Old Brookville	MP 3.37 Oyster Bay Road Matinecock	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	35,650
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	2
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	480
Length (Miles):	3.37 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	35,890
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	5
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

CLINTON ROAD - Principal Arterial, FC #14			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.96 Meadow Street Garden City	MP 2.56 Old Country Road Garden City	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	22,785
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	20
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	8
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	250
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	6,950
Length (Miles):	1.60 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	17,950
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

CLINTON STREET - Principal Arterial, FC #14			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.03 Front Street Hempstead	MP 0.96 Meadow Street Garden City	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	13,680
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	13
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	150
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	3,600
Length (Miles):	0.93 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	9,825
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	385
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

DENTON AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Jericho Turnpike New Hyde Park	MP 0.94 Marcus Avenue New Hyde Park	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	13,490
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	28
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	21
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	900
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	2,190
Length (Miles):	0.94 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	10,130
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	125
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

DUCK POND ROAD - Major Collector, FC #17			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Pearsall Avenue Glen Cove	MP 2.5 Oyster Bay Road Matinecock	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	27,400
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	14
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	4
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	350
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	1,350
Length (Miles):	2.51 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	26,850
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	75
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

EAST WILLISTON AVENUE - Principal Arterial, FC #14			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.24 Roslyn Road East Williston	MP 0.69 North Hempstead Town Line East Williston	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	4,815
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	38
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	2
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	430
Length (Miles):	0.45 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	4,760
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	50
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	10
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

GLEN COVE ROAD - Principal Arterial, FC #14			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 6.25 Red Ground Road East Hills	MP 7.32 Northern Boulevard Greenvale	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	16,115
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	20
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	4,600
Length (Miles):	1.07 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	11,400
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	1,100
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

GREAT NECK ROAD - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Broadway Great Neck	MP 0.77 Middle Neck Road Great Neck	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	9,115
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	27
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	2,500
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	2,150
Length (Miles):	0.77 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	8,140
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	150
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

GREENWICH AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 3.18 Hempstead Town Line Hempstead	MP 3.98 Jerusalem Avenue Hempstead	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	11,640
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	6
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	1,800
Length (Miles):	0.80 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	8,450
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	150
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

LINDEN BOULEVARD - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 1.91 Linden Boulevard Elmont	MP 2.48 NYC Line Elmont	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	8,150
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	2
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	6
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	1,100
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	3,500
Length (Miles):	0.57 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	6,300
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	300
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

MARCUS AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.23 New Hyde Park Road New Hyde Park	MP 0.97 NY25B New Hyde Park	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	12,850
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	35
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	350
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	3,200
Length (Miles):	0.74 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	7,920
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	2,500
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

MERRICK ROAD - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 2.30 Horton Avenue Lynbrook	MP 3.96 Ocean Avenue Lynbrook	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	25,150
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	23
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	3,470
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	11,365
Length (Miles):	1.66 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	18,880
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	200
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

NORTH CENTRE AVENUE - Major Collector, FC #17			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.03 NY27 Rockville Centre	MP 0.67 Lakeview Avenue Rockville Centre	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	7,310
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	31
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	1,400
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	4,390
Length (Miles):	0.64 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	7,100
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	450
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

NORTH MAIN STREET - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.28 Broadway Freeport	MP 1.43 Hempstead Town Line Freeport	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	16,595
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	5
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	500
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	6,915
Length (Miles):	1.15 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	12,350
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	20
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

NASSAU ROAD - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 1.95 Lakewood Avenue Roosevelt	MP 3.18 Hempstead Town Line Uniondale	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	19,080
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	31
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	930
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	13,220
Length (Miles):	1.23 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	13,900
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	540
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

OAK STREET - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 NY24 Uniondale	MP 1.10 Commercial Avenue Uniondale	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	18,140
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	20
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	45
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	480
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	3,265
Length (Miles):	1.10 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	12,620
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

OCEAN AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Atlantic Avenue East Rockaway	MP 1.16 NY27 Lynbrook	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	12,500
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	26
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	7
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	4,560
Length (Miles):	1.16 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	12,650
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	80
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

ROCKAWAY AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Stewart Avenue Garden City	MP 0.99 Old Country Road Garden City	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	16,300
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	68
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	23
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	1,700
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	1,965
Length (Miles):	0.99 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	11,255
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	100
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

ROCKAWAY AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 First Street Garden City	MP 0.59 Cherry Valley Avenue Garden City	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	8,265
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	5
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	1,175
Length (Miles):	0.59 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	6,590
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	30
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

ROSLYN ROAD - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 2.65 East Second Street Mineola	MP 3.25 NY25 Mineola	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	7,310
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	0
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	1,050
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	6,220
Length (Miles):	0.57 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	100
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

ROSLYN ROAD - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 4.69 I.U. Willets Road Roslyn Heights	MP 5.62 Powerhouse Road Roslyn Heights	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	14,200
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	26
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	50
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	2,545
Length (Miles):	0.93 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	9,830
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	1,200
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

SEARINGTOWN ROAD - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.77 I.U. Willets Road Albertson	MP 1.48 L.I.E. South Service Road Albertson	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	10,550
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	11
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	1,120
Length (Miles):	0.71 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	7,500
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	250
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

TULIP AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 1.28 Covert Avenue Stewart Manor	MP 2.02 New Hyde Park Road Franklin Square	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	7,820
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	0
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	250
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	800
Length (Miles):	0.74 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	7,850
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

WEST BROADWAY - Major Collector, FC #17			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Rockaway Turnpike Cedarhurst	MP 2.07 Mill Road Hewlett	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	23,015
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	31
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	24
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	500
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	7,345
Length (Miles):	2.07 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	22,660
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	100
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

WEST JOHN STREET - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 1.33 Cantiague Rock Road Westbury	MP 2.55 NY106 Hicksville	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	21,370
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	65
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	3,310
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	8,200
Length (Miles):	1.22 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	14,390
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	5,340
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

WANTAGH AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 2.63 Old Jerusalem Road Levittown	MP 4.33 NY24 Levittown	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	25,600
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	24
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	29
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	1,500
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	7,010
Length (Miles):	1.70 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	18,055
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	350
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

WASHINGTON AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.96 Meadow Street Garden City	MP 2.45 Old Country Road Garden City	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	21,965
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	8
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	6
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	600
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	7,110
Length (Miles):	1.49 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	16,535
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	0
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

WASHINGTON STREET - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Peninsula Boulevard Hempstead	MP 0.96 Meadow Street Hempstead	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	13,150
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	25
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	300
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	6,055
Length (Miles):	0.96 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	10,940
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	50
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

WESTBURY AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.00 Roslyn Road Mineola	MP 0.91 Glen Cove Road Carle Place	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	11,330
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	51
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	15
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	675
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	2,475
Length (Miles):	0.91 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	9,810
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	175
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

WESTBURY AVENUE - Minor Arterial, FC #16			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 1.11 Jamaica Boulevard Carle Place	MP 1.78 Carle Road Carle Place	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	7,445
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	0
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	500
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	970
Length (Miles):	0.67 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	7,075
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	50
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0

ZECKENDORF BOULEVARD - Major Collector, FC #17			
START	END	ITEM 685.07200XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS - 20 MILS (WET NIGHT VISIBILITY SPHERES)	QUANTITY
MP 0.20 Meadowbrook State Parkway NB Entrance Garden City	MP 0.54 Corporate Drive Westbury	685.07200110 - White Epoxy ReflectORIZED Pavement Stripes	5,415
		685.07200210 - White Epoxy ReflectORIZED Pavement Stripes - Letters	0
		685.07200310 - White Epoxy ReflectORIZED Pavement Stripes - Symbols	19
		685.07200410 - White Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	150
		685.07200510 - White Epoxy ReflectORIZED Pavement Stripes - Special Markings	1,940
Length (Miles):	0.34 Miles	685.07200610 - Yellow Epoxy ReflectORIZED Pavement Stripes - Stripes	3,690
		685.07200710 - Yellow Epoxy ReflectORIZED Pavement Stripes - Cross Hatching	350
		685.07200810 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Small	0
		685.07200910 - White Epoxy ReflectORIZED Pavement Stripes - Yield Line Symbols - Large	0



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SCHEDULE OF PRICES						
ITEM NO.	ESTIMATED QUANTITIES	ITEMS WITH UNIT PRICES WRITTEN IN WORDS				
619.01	1 LS	Basic Work Zone Traffic Control FOR: _____ Dollars Cents				
619.24	1 LS	Nighttime Operations FOR: _____ Dollars Cents				
635.0103	186,850 LF	Remove Existing Pavement Marking Striping FOR: _____ Dollars Cents				
635.0203	380 EA	Remove Existing Pavement Marking Letters FOR: _____ Dollars Cents				
635.0303	594 EA	Remove Existing Pavement Marking Symbols FOR: _____ Dollars Cents				
685.07200110	519,300 LF	White Epoxy Reflectorized Pavement Stripes - 20 MILS (Wet Night Visibility Spheres) FOR: _____ Dollars Cents				
685.07200210	378 EA	White Epoxy Reflectorized Pavement Letters:20 MILS (Wet Night Visibility Spheres) FOR: _____ Dollars Cents				

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SCHEDULE OF PRICES						
ITEM NO.	ESTIMATED QUANTITIES	ITEMS WITH UNIT PRICES WRITTEN IN WORDS				
685.07200310	579 EA	White Epoxy Reflectorized Pavement Symbols: 20 MILS (Wet Night Visibility Spheres) FOR: _____ Dollars Cents				
685.07200410	24,000 LF	White Epoxy Reflectorized Pavement Stripes - 20 MILS Cross Hatching (Wet Night Visibility Spheres) FOR: _____ Dollars Cents				
685.07200510	148,500 LF	White Epoxy Reflectorized Pavement Stripes - 20 MILS Special Markings (Wet Night Visibility Spheres) FOR: _____ Dollars Cents				
685.07200610	420,000 LF	Yellow Epoxy Reflectorized Pavement Stripes - 20 MILS (Wet Night Visibility Spheres) FOR: _____ Dollars Cents				
685.07200710	14,500 LF	Yellow Epoxy Reflectorized Pavement Stripes - 20 MILS Cross Hatching (Wet Night Visibility Spheres) FOR: _____ Dollars Cents				
685.07200810	15 EA	White Epoxy Reflectorized Pavement Markings - 20 MILS Yield Line Symbol – Small - (Wet Night Visibility Spheres) FOR: _____ Dollars Cents				

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**FOR INFORMATIONAL PURPOSES ONLY- NOT TO BE USED FOR BIDDING**

SCHEDULE OF PRICES						
ITEM NO.	ESTIMATED QUANTITIES	ITEMS WITH UNIT PRICES WRITTEN IN WORDS				
685.07200910	0 EA	White Epoxy Reflectorized Pavement Markings - 20 MILS Yield Line Symbol – Large - (Wet Night Visibility Spheres) FOR: _____ Dollars Cents				
699.040001	1 LS	Mobilization FOR: _____ Dollars Cents				

**FOR INFORMATIONAL PURPOSES ONLY- NOT TO BE USED FOR BIDDING**

H62153-14G: Pavement Marking Improvements Phase 14

PIN 0761.67

CONTRACTOR: \_\_\_\_\_

BY: \_\_\_\_\_

TITLE: \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

## **SPECIAL PROVISIONS**

### **1) Purpose**

The purpose of this specification is to set fourth the minimum requirements for this contract. The work covered by this contract involves the furnishing of labor, materials, and components as specified, for the:

- Removal of existing pavement markings.
- Cleaning and preparation of area from face of curb to face of curb for the installation of new pavement markings.
- Installation of new epoxy pavement markings

### **2) Location of Work**

Throughout Nassau County roadways at various locations

### **3) Schedule**

The contract shall be completed within twelve (12) months from the commencement of work date unless the County exceeds the original scope of work. In that event, the contract shall be extended to allow for completion of additional work. The length of the extension shall be in proportion to the amount of work added. The length of the extension shall be the sole discretion of the County. Nassau County will not allow any pavement marking installation from December 1 through March 31 unless prior approval is granted by the engineer. The request for a time extension by the contractor shall also be submitted to NYSDOT Construction for their concurrence.

### **4) Contractor Experience and Requirements**

- a. The nature of the work involved in this contract requires the Contractor to possess prior satisfactory experience in the removal and installation of pavement markings.
- b. Prospective bidders must have at least three (3) years of satisfactory experience in the actual installation and maintenance of various types of pavement markings.
- c. Prospective bidders must be trained by the material manufacturer or have experience in the handling and the installation of specific pavement markings proposed in this contract.

- d. In addition to the requirements outlined in “Instruction to Bidders” of this contract, the low bidder shall be required to fill out an experience questionnaire by the County that will include the following questions:
- A list of all pavement markings contracts completed within the past three years.
  - A list of sources of supply to secure the necessary materials
  - A list of technical personnel who will be doing the necessary work

## **5) Standards**

Standards and Specifications as defined in the 2009 edition of the *National Manual of Uniform Traffic Control Devices (National MUTCD)*, the *New York State Supplement to the National MUTCD*, and the latest revised edition of New York State Department of Transportation Standards and Specifications are made part of this contract.

## **6) Recourse**

This contract does not imply that the low bidder, following the award of this contract, has exclusive right or legal recourse to the County of Nassau for any other similar type contract, or any other contract that may be awarded during the life of this contract.

## **7) Maintenance and Protection of Traffic**

- a. Where work is being constructed on streets, sidewalks, easements or other locations normally used by the public, the Contractor shall conduct his work so as to minimize the interference with the safe and direct movement of pedestrian and vehicular travel. The Contractor shall provide all necessary construction signs, flagmen, arrow boards, cones, barricades, lighting, and their placement as required by the Short-Term Stationary operation as laid-out in NYSDOT Work Zone Traffic Control. The Contractor shall conform to directives by the County of Nassau. The Prime Contractor, through the Sponsor, shall submit to NYSDOT Construction for a review, the type of mounted light tower or its supplement (along with relevant specs) it proposes to use. This work is covered under item 619.24 – Nighttime Operations.

- b. Accessibility to fire hydrants, police and fire call boxes, and provision for the ingress and egress of emergency vehicles including police, fire, and ambulance vehicles shall be required at all times. Notification shall be made to the Police and local Fire Department should any road be closed.
- c. Maintenance and Protection of Traffic shall be paid for under a separate contract item.
- d. The Contractor is responsible for any and all claims made by the general public related to the process of removing and installing pavement markings under this contract.

#### **8) Cleanliness**

Upon completion of the work at each location or work order, the Contractor shall remove all remaining materials and shall leave the area, which may have been affected by his operation, in a neat and orderly condition.

#### **9) Hold Harmless**

The obligation of the contractor to hold harmless and indemnify the County is absolute and shall not be dependent on the Contractor having received any actual notice from the County.

#### **10) Engineer's Estimate**

The quantities included on the Engineer's Estimate are intended to provide a general guide as to the work expected in this contract. The County reserves the right to increase, decrease or eliminate the quantity of each item actually provided under this contract (including transportation item).

#### **11) Additional Work – Extension of Contract**

The County of Nassau reserves the right to extend the terms of this contract at the accepted bid prices for either furnishing only or furnishing and installing when the successful bidder is notified within ninety (90) days of the date of approval of the catalog cuts. The extension shall not exceed 50% of the total price bid.

#### **12) Contract Administration and Inspection**

The Department of Public works through the Division of Engineering, Traffic Engineering Unit will be the administrator of this contract and shall approve all

material to be installed, verify and approve all claim vouchers, and be responsible for providing all necessary inspections to verify compliance with the contract.

### **13) Funding**

This Contract is funded under Capital Project 62153 and is eligible for Federal Aid reimbursement.

### **14) Payment**

Payments of this contract will be made on a monthly basis for work completed during the preceding calendar month. No partial payments shall be made for material on hand and not installed.

### **15) Notification**

The Project Engineer, Mr. Richard Iadevaio, shall be notified by the Contractor at (516) 571-6824 at least 48 hours prior to start of work, in order that adequate arrangements can be made to insure the presence of a Nassau County inspector during the striping operation. No work shall be performed without the presence of a Nassau County representative and /or without the coordination of the project manager in special circumstances.

### **17) Working Hours**

The Contractor shall be advised that the normal working hours for Nassau County Field Personnel is based on a eight (8) hour shift, 8am to 4:30pm. Any change in time shift must meet with the Department approval.

### **18) Federal Funding Eligible**

The Contractor should be aware that this project is eligible for Federal Aid Reimbursement and that there are specific Federal and State requirements detailed in this contract text that must be adhered to. Therefore, procedures will conform to all Federal requirements for local Federal Aid projects, as well as New York State administered requirements to local governments.



**ITEM 685.0715XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 15 MILS THICK  
(WET NIGHT VISIBILITY SPHERES)**

**ITEM 685.0720XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 20 MILS THICK  
(WET NIGHT VISIBILITY SPHERES)**

**DESCRIPTION:**

Under this work the contractor shall furnish and apply epoxy reflectorized pavement markings in accordance with these specifications, the Contract Documents, the NYSMUTCD, or as ordered by the Engineer. Items for Special Markings include stop bars and crosswalks.

Yield line symbols are isosceles triangles with height equaling 1.5 times the base dimension:

A small yield line symbol shall have a base dimension of one foot.

A large yield line symbol shall have a base dimension of two feet.

Yield line symbols are to be installed with the Apex of the triangle oriented towards oncoming traffic.

The epoxy marking material shall be hot-applied by spray methods onto bituminous and portland cement concrete pavement surfaces at the thickness and width shown on the Contract Documents. Following a simultaneous application of Standard Glass Beads (Type 2) and Wet/Night Visibility Beads (Type 1), the cured epoxy marking shall be an adherent reflectorized stripe that will provide wet night retro-reflectivity.

**MATERIALS REQUIREMENTS:**

Epoxy Paint	727-03
Glass Beads for Pavement Markings	727-05

**Reflective Glass Spheres**

Retro-reflective beads shall be a double drop system of glass spheres consisting of Standard Beads (Type 2) and Wet/Night Visibility Beads (Type 1) as defined in §727-05 Glass Beads for Pavement Markings.

**EPOXY APPLYING EQUIPMENT**

In general, a mobile applicator shall be a truck mounted, self-contained pavement marking machine, specifically designed to apply epoxy resin materials and reflective glass spheres in continuous line patterns. The applying equipment shall be maneuverable to the extent that straight lines can be followed and normal curves can be made in a true arc. In addition, the truck mounted unit shall be provided with accessories to allow for the marking of cross hatching and other special patterns as directed by the Engineer.

At any time throughout the duration of the project, the Contractor shall provide free access to his epoxy applying equipment for inspection by the Engineer or his authorized representative.

The Engineer may approve the use of a portable applicator in lieu of mobile truck mounted accessories for use in applying special markings only, provided such equipment can demonstrate satisfactory application of reflectorized epoxy markings in accordance with these specifications.

**ITEM 685.0715XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 15 MILS THICK**  
**(WET NIGHT VISIBILITY SPHERES)**  
**ITEM 685.0720XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 20 MILS THICK**  
**(WET NIGHT VISIBILITY SPHERES)**

Mobile applying equipment shall be capable of installing up to 19 miles of epoxy reflectorized pavement markings in an eight hour day and shall include the following features:

1. Individual tanks for the storage of Part A and Part B of the epoxy resin.
2. Individual tanks for the storage of Standard (Type 2) and Wet/Night Visibility (Type 1) glass spheres. Each tank shall have a minimum capacity of 3000 lbs.
3. Heating equipment of sufficient capacity to maintain the individual epoxy resin components at the manufacturer's recommended temperature for spray application.
4. Individual dispensers for the simultaneous application of Standard (Type 2) and Wet/Night Visibility (Type 1) glass spheres. Each dispenser shall be capable of applying spheres at a minimum rate of 10 lbs/gal of epoxy resin composition.
5. Metering devices or pressure gauges on the proportioning pumps, positioned to be readily visible to the Engineer.
6. All necessary spray equipment, mixers, compressors, and other appurtenances for the placement of epoxy reflectorized pavement markings in a simultaneous sequence of operations as described in Construction Details, D. Application of Epoxy ReflectORIZED Pavement Markings.

**CONSTRUCTION DETAILS**

**A. General**

All pavement markings shall be placed as shown on the Contract Documents and in accordance with the New York State, Manual of Uniform Traffic Control Devices (MUTCD).

Before any pavement marking work is begun, a schedule of operations shall be submitted for the approval of the Engineer.

At least five (5) days prior to starting striping, the Contractor shall provide the Engineer with the epoxy manufacturer's written instructions for use. These instructions shall include, but not be limited to, material mixing ratios and application temperatures.

When pavement markings are applied under traffic, the Contractor shall provide all necessary flags, markers, signs, etc. in accordance with the MUTCD to maintain and protect traffic, and to protect marking operations and the markings until thoroughly set.

The application of pavement markings shall be done in the general direction of traffic. Striping against the direction of traffic flow shall not be allowed.

**ITEM 685.0715XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 15 MILS THICK**  
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**ITEM 685.0720XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 20 MILS THICK**  
**(WET NIGHT VISIBILITY SPHERES)**

The Contractor shall be responsible for removing, to the satisfaction of the Engineer, all tracking marks, spilled epoxy, and epoxy markings applied in unauthorized areas.

When necessary the Contractor shall establish marking line points at 30 foot intervals throughout the length of the pavement or as directed by the Engineer.

**B. Atmospheric Conditions**

Epoxy pavement markings shall only be applied during conditions of dry weather and on substantially dry pavement surfaces. At the time of installation the pavement surface temperature shall be a minimum of 50°F and the ambient temperature shall be a minimum of 50°F and rising. The Engineer shall be the sole determiner as to when atmospheric conditions and pavement surface conditions are such to produce satisfactory results.

**C. Surface Preparation**

The Contractor shall clean the pavement and existing durable markings to the satisfaction of the Engineer.

Surface cleaning and preparation work shall be performed only in the area of the epoxy markings application.

At the time of application all pavement surfaces and existing durable markings shall be free of oil, dirt, dust, grease and similar foreign materials. The cost of cleaning these contaminants shall be included in the bid price of this item.

In addition, concrete curing compounds on new portland cement concrete surfaces and existing painted pavement markings on both concrete and bituminous pavement surfaces shall be cleaned and paid for in accordance with §635 Cleaning and Preparation of Pavement Surfaces for Pavement Markings.

**D. Application of Epoxy ReflectORIZED Pavement Markings**

Epoxy reflectORIZED pavement markings shall be placed at the width, thickness, and pattern designated in the Contract Documents.

Marking operations shall not begin until applicable surface preparation work is completed and approved by the Engineer, and the atmospheric conditions are acceptable to the Engineer.

Pavement markings shall be applied by the following simultaneous operation:

1. The pavement surface is air-blasted to remove dirt and residues.
2. The epoxy resin, mixed and heated in accordance with the manufacturer's

**ITEM 685.0715XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 15 MILS THICK  
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(WET NIGHT VISIBILITY SPHERES)**

recommendations, is uniformly hot-sprayed onto the pavement surface at the minimum specified thickness.

3. Standard (Type 2) and Wet/Night Visibility (Type 1) reflective glass spheres are injected into or dropped onto the liquid epoxy marking. Standard beads (Type 2) shall be applied first immediately followed by the application of Wet/Night Visibility beads (Type 1). Each type shall be applied at a minimum rate of 10 lbs/gal of epoxy resin (minimum total application = 20 lbs/gal).

**E. Defective Epoxy Pavement Markings**

Epoxy reflectORIZED pavement markings, which after application and curing are determined by the Engineer to be defective and not in conformance with this specification, shall be repaired. Repair of defective markings shall be the responsibility of the Contractor and shall be performed to the satisfaction of the Engineer as follows:

1. Insufficient film thickness and line width; insufficient glass bead coverage or inadequate glass bead retention.

Repair Method. Prepare the surface of the defective epoxy marking by grinding or blast cleaning. No other cleaning methods will be allowed. Surface preparation shall be performed to the extent that a substantial amount of the reflective glass spheres are removed and a roughened epoxy marking surface remains.

Immediately after surface preparation remove loose particles and foreign debris by brooming or blasting with compressed air.

Repair shall be made by restriping over the cleaned surface in accordance with the requirements of this specification and at the full thickness indicated on the Contract Documents.

2. Uncured or discolored epoxy\*; insufficient bond (to pavement surface or existing durable marking).

Repair Method. The defective epoxy marking shall be completely removed and cleaned to the underlying pavement surface in accordance with the requirements of Section 635 - Cleaning and Preparation of Pavement Surfaces, at the Contractor's expense.

The extent of removal shall be the defective area plus any adjacent epoxy pavement marking material extending three feet in any direction.

After surface preparation work is complete, repair shall be made by reapplying epoxy over the cleaned pavement surface in accordance with the requirements of this specification.

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\*Uncured epoxy shall be defined as applied material that fails to cure (dry) in accordance with the requirements of §727-03 Epoxy Paint; or applied material that fails to cure (dry) within a reasonable time period under actual field conditions, as defined by the Engineer.

Discoloration shall be defined as localized areas or patches of brown, grayish or black colored epoxy marking material. These areas often occur in a cyclic pattern and often are not visible until several days or weeks after markings are applied.

Other defects not noted above, but determined by the Engineer to need repair, shall be repaired or replaced as directed by and to the satisfaction of the Engineer.

All work in conjunction with the repair or replacement of defective epoxy reflectorized pavement markings shall be performed by the Contractor at no additional cost to the State.

**METHOD OF MEASUREMENT**

Pavement striping (regular lines, cross hatching and special markings) will be measured in feet along the centerline of the pavement stripe and will be based on a 4 inch wide stripe. Measurement for striping with a width greater than the basic 4 inches, as shown on the plans or directed by the Engineer, will be made by the following method:

$$\frac{\text{Plan Width of Striping (inches)} \times \text{Feet}}{4 \text{ inches}}$$

**BASIS OF PAYMENT**

The accepted quantities of markings will be paid for at the contract unit price, which shall include the cost of furnishing all labor, materials and equipment to satisfactorily complete the work. The cost for maintaining and protecting traffic during the marking operations shall be included in the price bid. The cost of removal of concrete curing compounds and existing pavement markings will be paid under separate items and are not included in this item.

No payment will be made for the repair or replacement of defective epoxy reflectorized pavement markings.

<b><u>PAY ITEM NO.</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>PAY UNIT</u></b>
685.07150110	White Epoxy Reflectorized Pavement Stripes – 15 mils	Foot

**ITEM 685.0715XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 15 MILS THICK**  
**(WET NIGHT VISIBILITY SPHERES)**

**ITEM 685.0720XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 20 MILS THICK**  
**(WET NIGHT VISIBILITY SPHERES)**

685.07150210	(Wet Night Visibility Spheres) White Epoxy ReflectORIZED Pavement Letters - 15 mils	Each
685.07150310	(Wet Night Visibility Spheres) White Epoxy ReflectORIZED Pavement Symbols – 15 mils	Each
685.07150410	(Wet Night Visibility Spheres) White Epoxy ReflectORIZED Cross Hatching -15 mils Thick	Foot
685.07150510	(Wet Night Visibility Spheres) White Epoxy ReflectORIZED Pavement Stripes (Special Markings) 15 mils Thick (Wet Night Visibility Spheres)	Foot
685.07150610	Yellow Epoxy ReflectORIZED Pavement Stripes – 15 mils (Wet Night Visibility Spheres)	Foot
685.07150710	Yellow Epoxy ReflectORIZED Pavement Stripes (Cross Hatching) 15 mils Thick (Wet Night Visibility Spheres)	Foot
685.07150810	White Epoxy ReflectORIZED Pavement Yield Line Symbols - Small - 15 mils (Wet Night Visibility Spheres)	Each
685.07150910	White Epoxy ReflectORIZED Pavement Yield Line Symbols - Large - 15 mils (Wet Night Visibility Spheres)	Each
685.07200110	White Epoxy ReflectORIZED Pavement Stripes – 20 mils (Wet Night Visibility Spheres)	Foot
685.07200210	White Epoxy ReflectORIZED Pavement Letters – 20 mils (Wet Night Visibility Spheres)	Each
685.07200310	White Epoxy ReflectORIZED Pavement Symbols – 20 mils (Wet Night Visibility Spheres)	Each
685.07200410	White Epoxy ReflectORIZED Pavement Stripes (Cross Hatching) 20 mils Thick (Wet Night Visibility Spheres)	Foot
685.07200510	White Epoxy ReflectORIZED Pavement Stripes (Special Markings) 20 mils Thick (Wet Night Visibility Spheres)	Foot

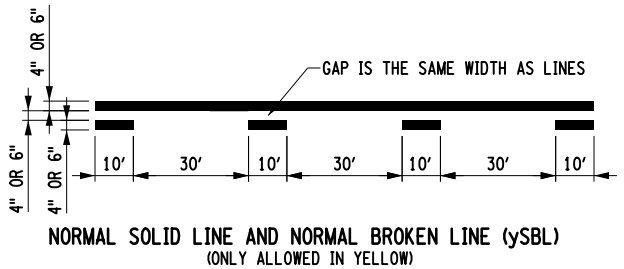
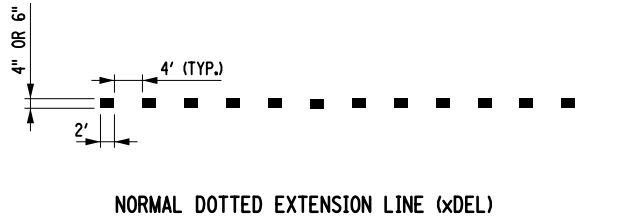
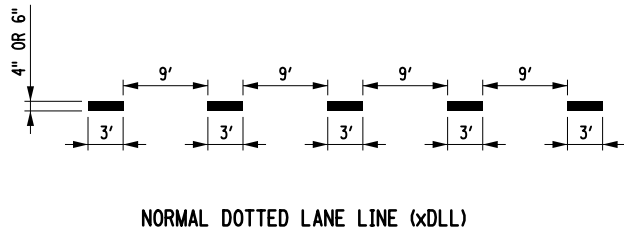
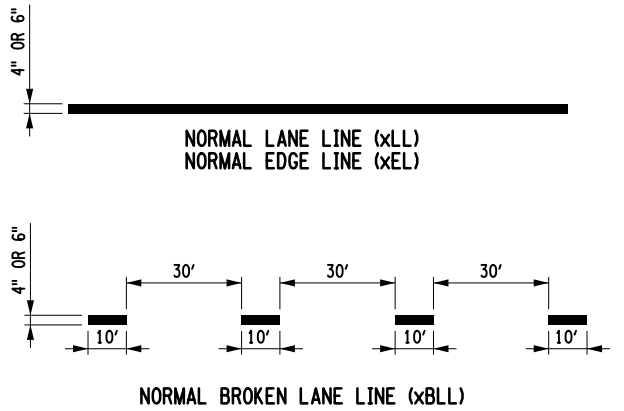
**ITEM 685.0715XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 15 MILS THICK**  
**(WET NIGHT VISIBILITY SPHERES)**

**ITEM 685.0720XX10 - EPOXY REFLECTORIZED PAVEMENT MARKINGS 20 MILS THICK**  
**(WET NIGHT VISIBILITY SPHERES)**

685.07200610	Yellow Epoxy ReflectORIZED Pavement Stripes – 20 mils (Wet Night Visibility Spheres)	Foot
685.07200710	Yellow Epoxy ReflectORIZED Pavement Stripes (Cross Hatching) 20 mils Thick (Wet Night Visibility Spheres)	Foot
685.07200810	White Epoxy ReflectORIZED Pavement Yield Line Symbols - Small - 20 mils (Wet Night Visibility Spheres)	Each
685.07200910	White Epoxy ReflectORIZED Pavement Yield Line Symbols - Large - 20 mils (Wet Night Visibility Spheres)	Each

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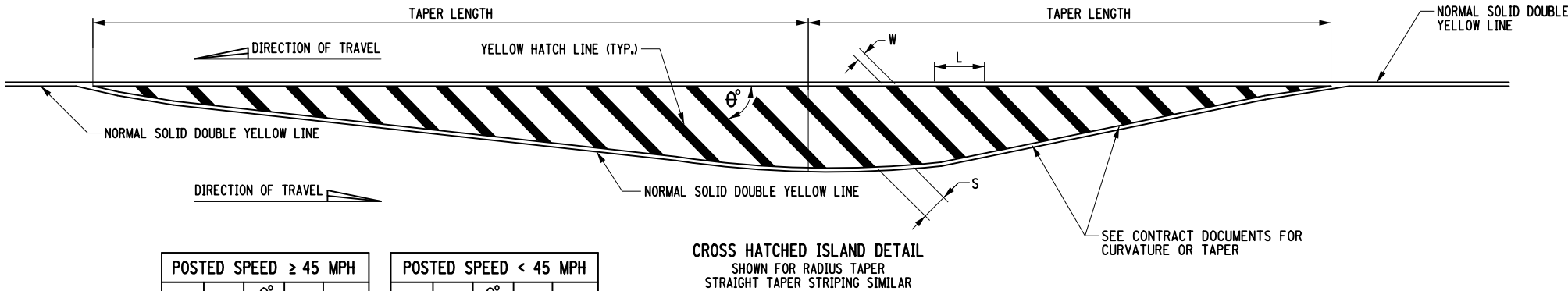


PAVEMENT MARKING LINE NOTES:

- L1. EDGE LINES ON ALL RURAL, HIGH SPEED HIGHWAY SEGMENTS WITH POSTED SPEEDS OF 45 MPH OR MORE SHALL BE 6". ALSO, NORMAL PAVEMENT MARKING LINES SHALL BE 6" ON FREEWAYS AND EXPRESSWAYS AND ON RAMP TO AND FROM FREEWAYS AND EXPRESSWAYS, AND WHERE SPECIFIED IN THE CONTRACT DOCUMENTS, AT ALL OTHER LOCATIONS NORMAL PAVEMENT MARKING LINES SHALL BE 4". WIDE PAVEMENT MARKING LINES SHALL BE TWICE AS WIDE AS NORMAL LINES ON THE SAME HIGHWAY. CHANNELIZING LINES ARE THE SAME WIDTH AS WIDE LINES.

- L2. PAVEMENT MARKING LINE CODES MAY BE SHOWN ON THE PLANS. DESIGNATIONS:

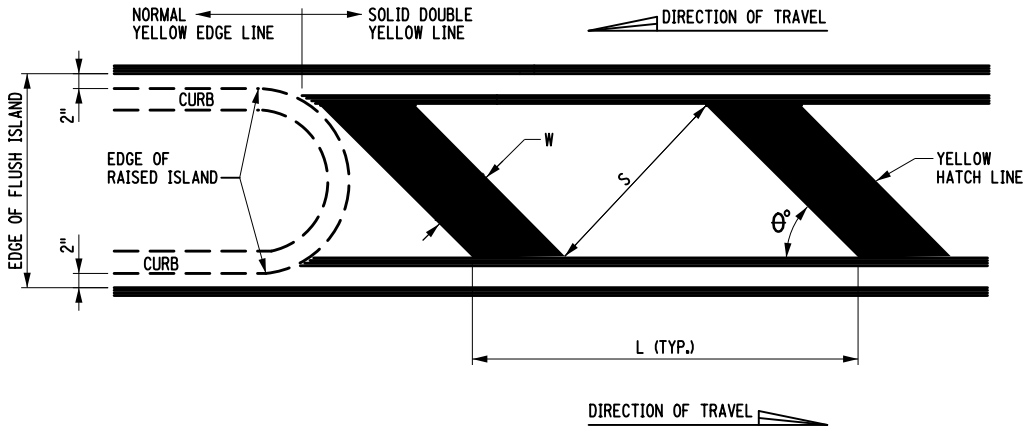
"W"=WHITE "Y"=YELLOW "WIDE"=WIDE



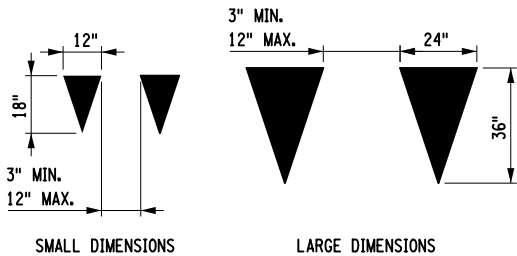
POSTED SPEED ≥ 45 MPH				
TYPE	W	θ°	S	L
A	1'	30°	3'	8'
B	1'	35°	3'	7'
C	2'	45°	6'	11'-4"

POSTED SPEED < 45 MPH				
TYPE	W	θ°	S	L
A	8"	30°	2'	5'-4"
B	1'	35°	3'	7'
C	2'	45°	6'	11'-4"

CROSS HATCH LINE DIMENSIONS  
NOTE: TYPE SHALL BE AS PER PLAN. DEFAULT  
VALUE IS TYPE C UNLESS OTHERWISE SHOWN.



TYPICAL CROSS HATCH LINE DETAIL AT FLUSH OR RAISED ISLANDS  
AND AT MEDIAN AREAS



YIELD LINE MARKINGS  
(EACH TRIANGLE PAID FOR SEPARATELY)

GENERAL PAVEMENT MARKING NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE MUTCD AND NYS SUPPLEMENT.
2. EDGE LINES SHALL BE YELLOW ON THE LEFT SIDE AND WHITE ON THE RIGHT SIDE IN THE DIRECTION OF TRAVEL UNLESS OTHERWISE SHOWN ON THE PLANS. IF THE CURB OFFSET IS LESS THAN 2'-0", NO EDGE LINE SHALL BE APPLIED ADJACENT TO CURBS UNLESS OTHERWISE SHOWN ON THE PLANS. EDGE LINES SHALL BE PROVIDED AT THE CURB ADJACENT TO RAISED ISLANDS (SEE DETAIL).
3. WHERE MARKINGS NORMALLY FOLLOW A PAVEMENT JOINT, SINGLE LINE MARKINGS SHALL BE PLACED ALONG ONE SIDE OF THE JOINT. DOUBLE LINE MARKINGS SHALL STRADDLE THE JOINT. LANE LINES ON ROADWAYS WHICH ARE MORE THAN TWO LANES WIDE AND HAVE LONGITUDINAL JOINTS BETWEEN ADJACENT LANES, SHALL BE PLACED ON THE SIDE OF THE JOINT WHICH WILL OBTAIN OPTIMUM LANE WIDTHS.
- AT THE JUNCTION OF SINGLE AND DOUBLE LINE MARKINGS WHICH FOLLOW A PAVEMENT JOINT, THE SINGLE LINE SHALL BE AN EXTENSION OF EITHER OF THE DOUBLE LINES AND NOT THE SPACE BETWEEN THEM. AT THE JUNCTION OF SINGLE AND DOUBLE LINE MARKINGS WHICH DO NOT FOLLOW A PAVEMENT JOINT, THE SINGLE LINE MAY BE ALIGNED WITH THE CENTER OF THE DOUBLE LINE MARKING OR WITH EITHER LINE OF THE DOUBLE LINE.
4. ALL DIMENSIONS AND THE PLACEMENT OF ARROWS, SYMBOLS, AND TEXT SHOWN ARE TYPICAL AND SHALL APPLY UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.
5. THE REGIONAL TRAFFIC ENGINEER WILL REVIEW AND APPROVE ANY CHANGES TO THE PAVEMENT MARKING PLANS PRIOR TO FINAL INSTALLATION. CHANGES SHALL BE SUBMITTED TWO WEEKS PRIOR TO INSTALLATION.



Department of  
Transportation

U.S. CUSTOMARY STANDARD SHEET

PAVEMENT\_MARKING\_DETAILS  
(SHEET 1 OF 9)

APPROVED AUGUST 21, 2018

/S/ ROBERT LIMOGES P.E.

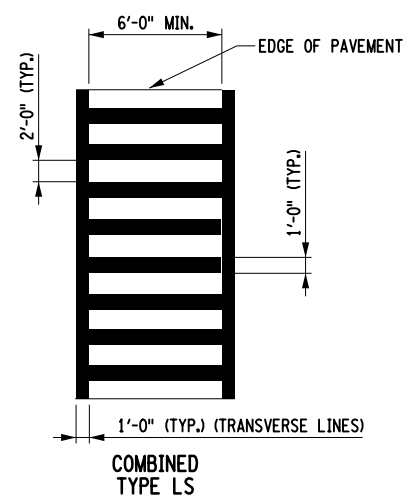
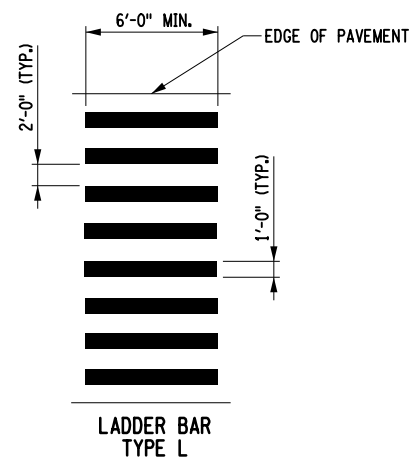
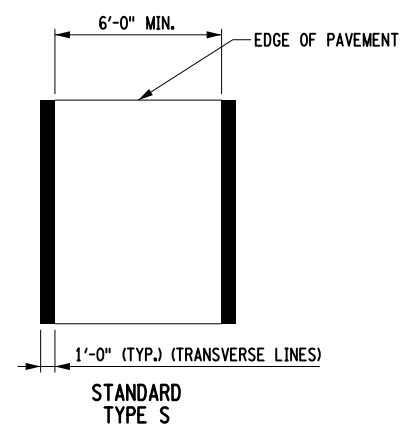
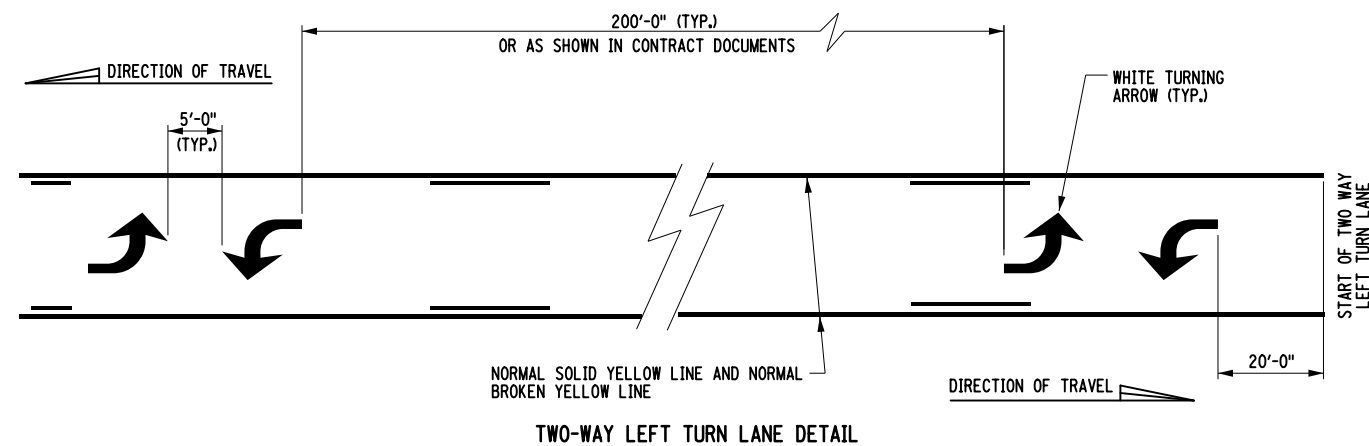
DIRECTOR, OFFICE OF TRAFFIC  
SAFETY AND MOBILITY

ISSUED UNDER EI 18-008

685-01

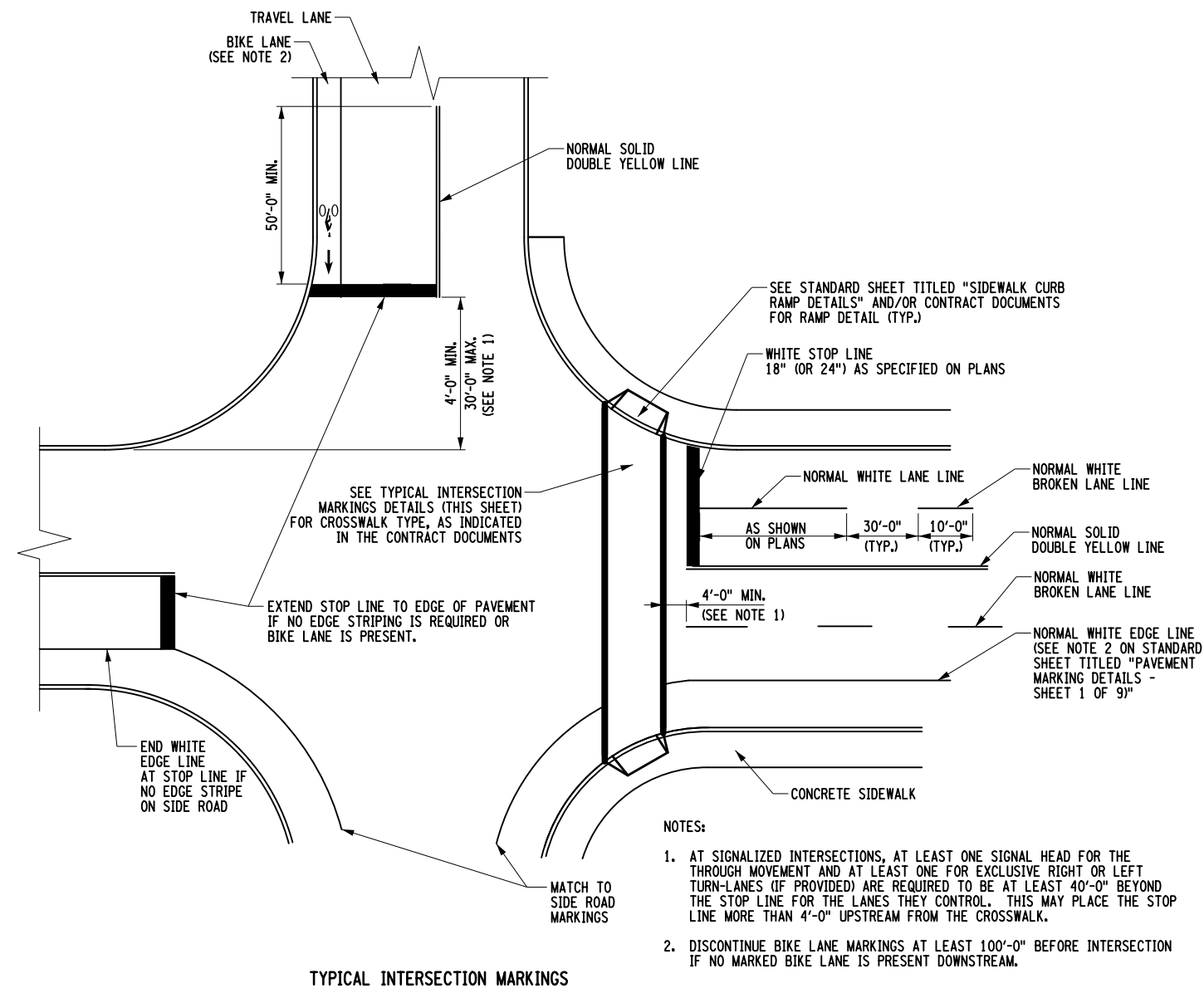
CONTRACT NO.: H62153-14G

PIN: 0761.67



NOTES:

1. ALL CROSSWALK MARKINGS SHALL BE WHITE.
2. TYPE "L" AND TYPE "LS" CROSSWALKS SHALL HAVE THE LONGITUDINAL LINES PARALLEL TO THE LANE LINES.



- NOTES:

1. AT SIGNALIZED INTERSECTIONS, AT LEAST ONE SIGNAL HEAD FOR THE THROUGH MOVEMENT AND AT LEAST ONE FOR EXCLUSIVE RIGHT OR LEFT TURN LANES (IF PROVIDED) ARE REQUIRED TO BE AT LEAST 40'-0" BEYOND THE STOP LINE FOR THE LANES THEY CONTROL. THIS MAY PLACE THE STOP LINE MORE THAN 4'-0" UPSTREAM FROM THE CROSSWALK.
2. DISCONTINUE BIKE LANE MARKINGS AT LEAST 100'-0" BEFORE INTERSECTION IF NO MARKED BIKE LANE IS PRESENT DOWNSTREAM.

1. SEE STANDARD SHEET 685-01 (SHEET 1 OF 9) FOR LINE LAYOUT AND DIMENSIONS (EXCEPT AS NOTED).
2. REFER TO STANDARD SHEET 685-01 (SHEET 1 OF 9) FOR GENERAL NOTES.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

PAVEMENT MARKING DETAILS  
(SHEET 2 OF 9)

APPROVED SEPTEMBER 24, 2012

/S/ TODD B. WESTHUIS, P.E.

ACTING DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

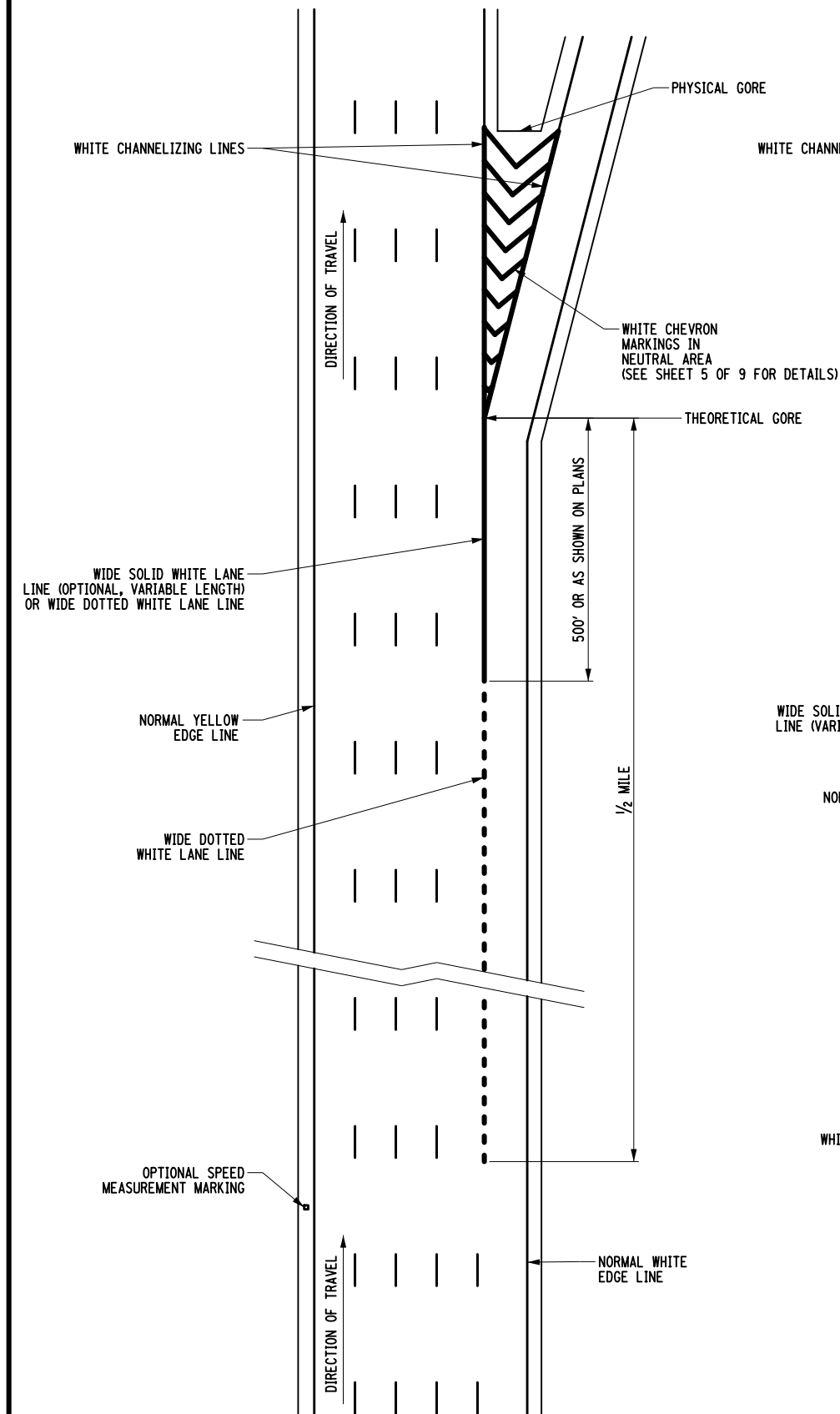
ISSUED UNDER EB 12-036

685-01

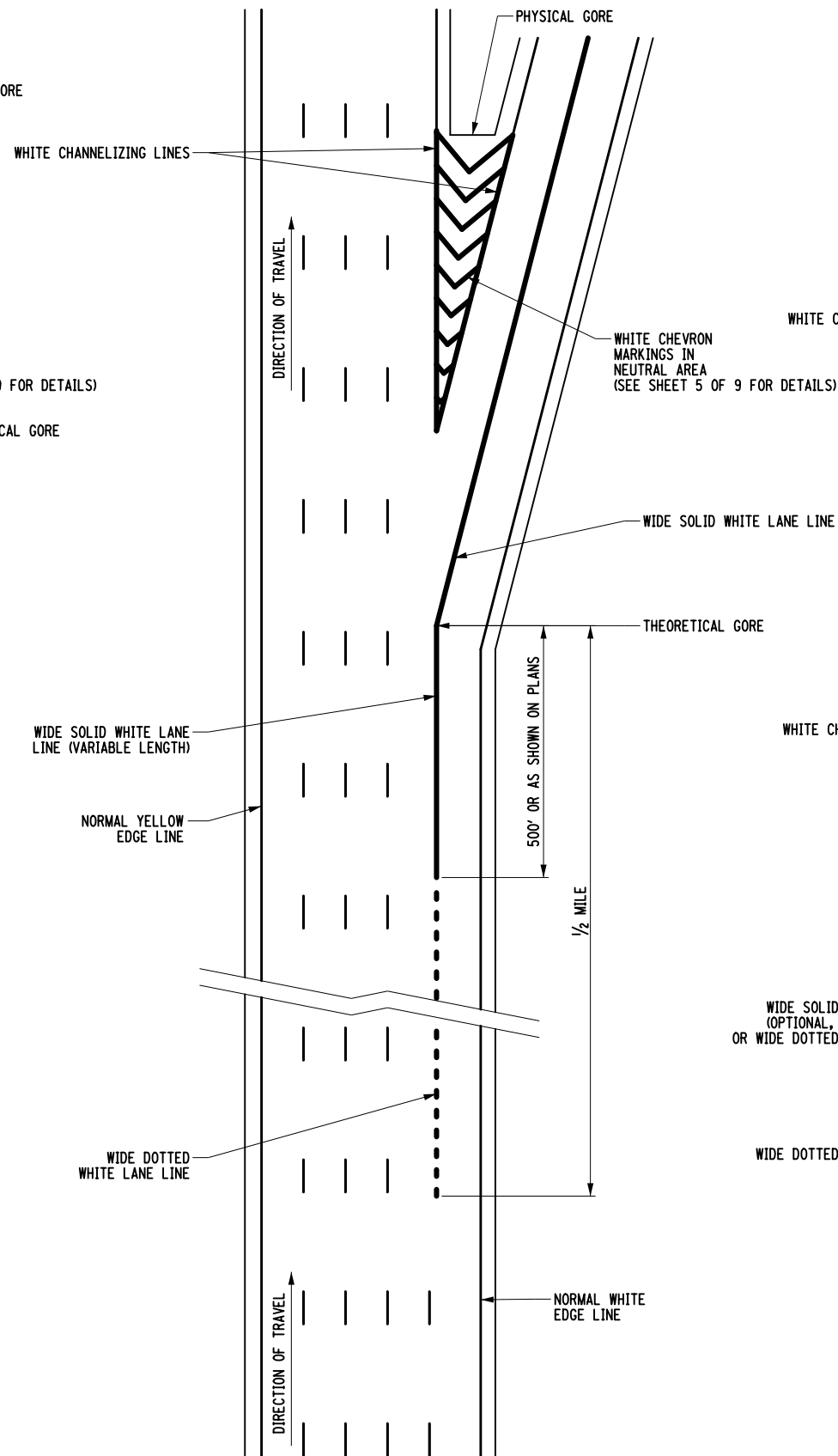
.: H62153-14G

PIN: 0761.67

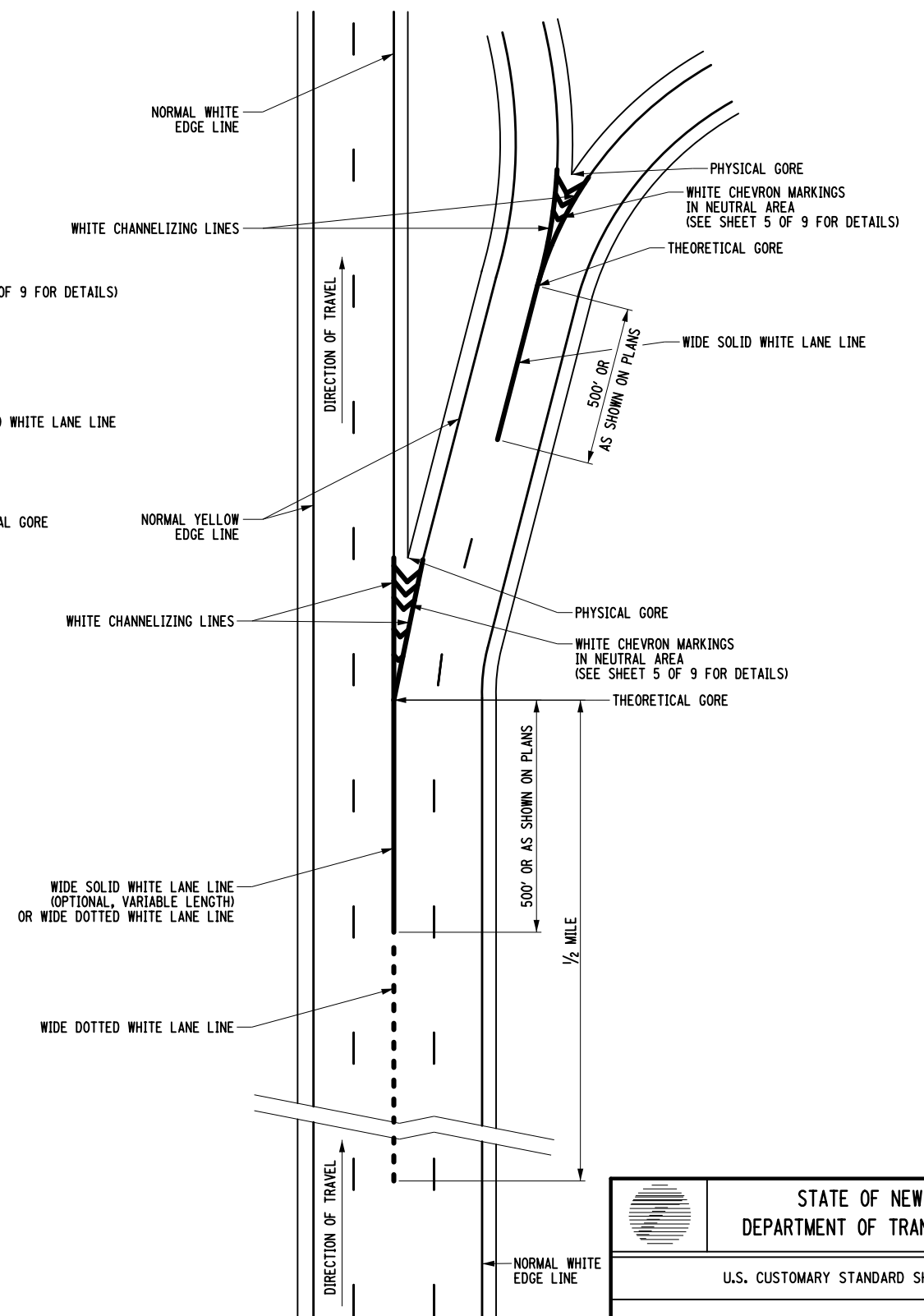
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LANE DROP AT A SINGLE LANE EXIT RAMP

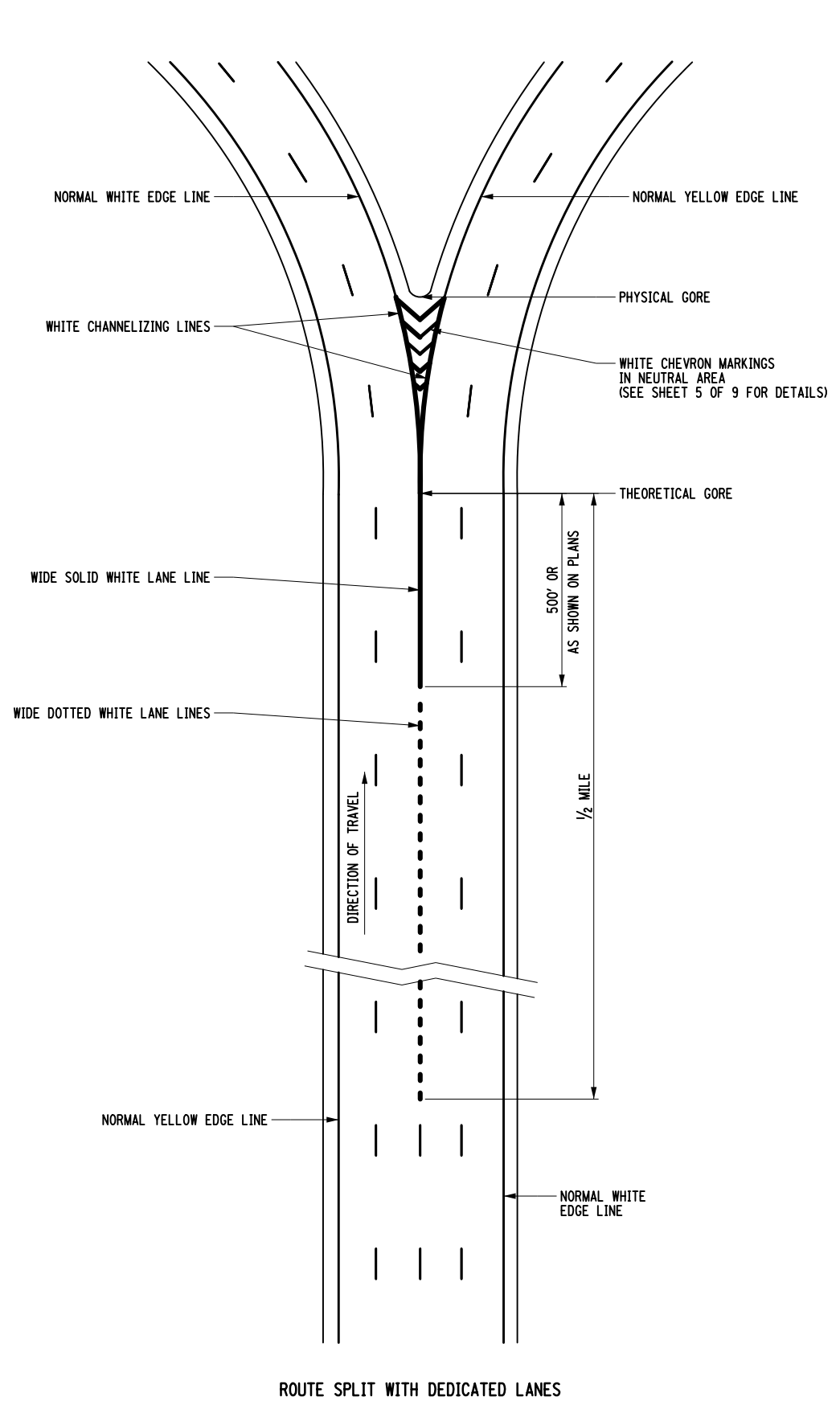


LANE DROP AT A MULTI-LANE EXIT RAMP WITH OPTION LANE

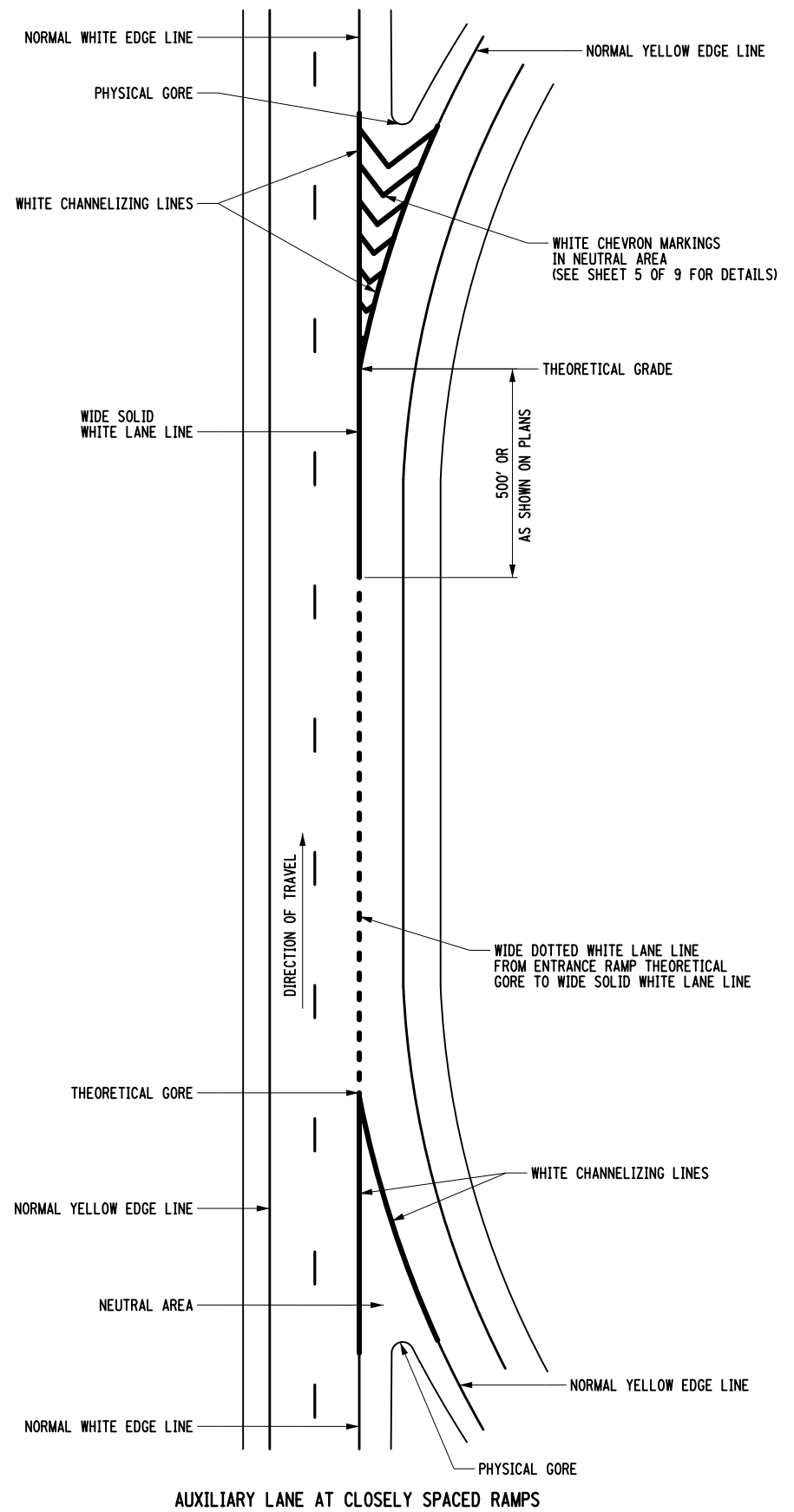


TWO-LANE DROP AT AN EXIT RAMP

	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
	U.S. CUSTOMARY STANDARD SHEET	
	PAVEMENT MARKING DETAILS (SHEET 3 OF 9)	
APPROVED SEPTEMBER 24, 2012		ISSUED UNDER EB 12-036
/S/ TODD B. WESTHUIS, P.E. ACTING DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY		685-01 H62153-14G PIN: 0761.67




ROUTE SPLIT WITH DEDICATED LANES



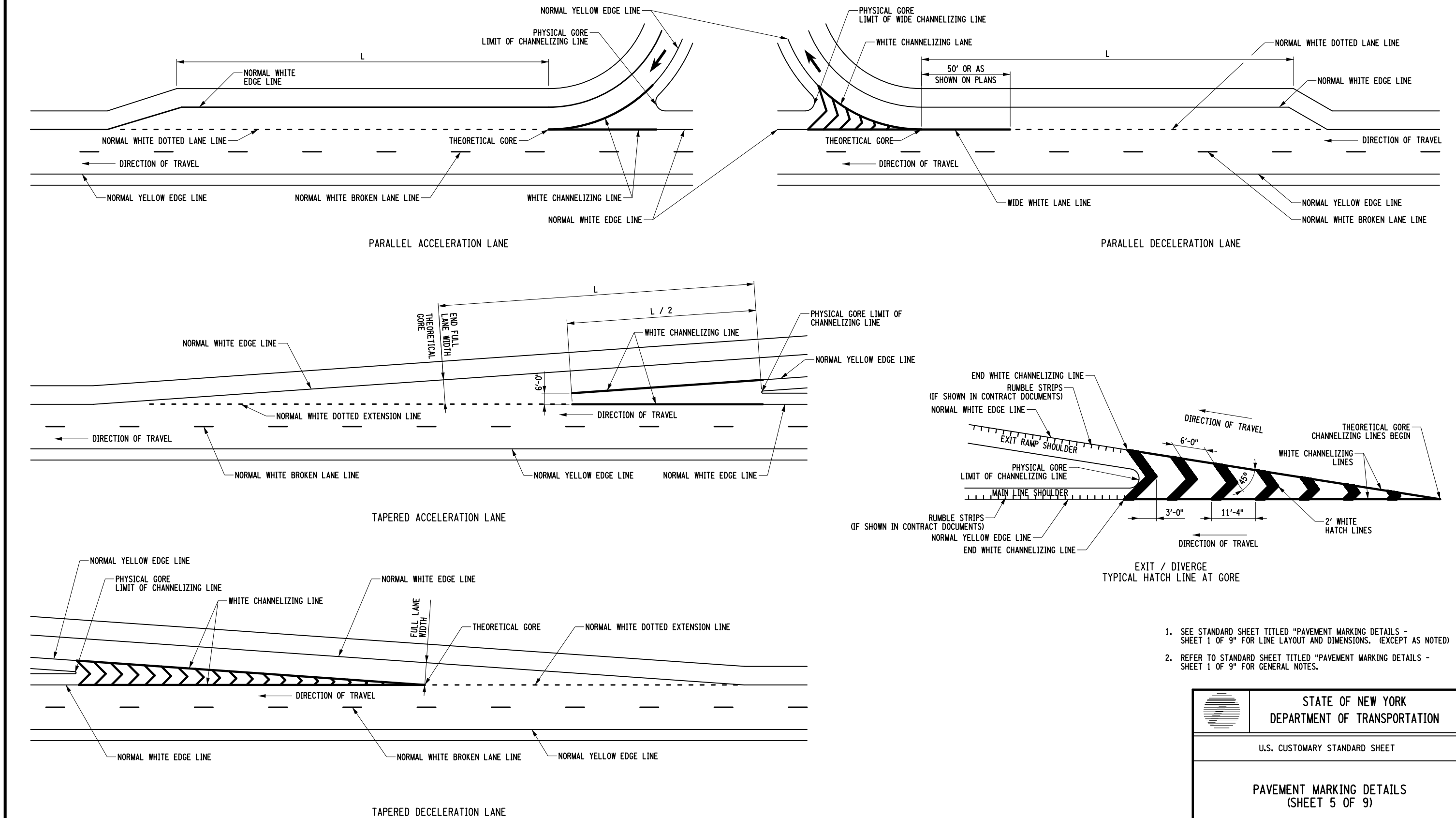
AUXILIARY LANE AT CLOSELY SPACED RAMPS

NOTE: USE THIS DETAIL WHERE DISTANCE FROM THEORETICAL GORE OF ENTRANCE RAMP TO THEORETICAL GORE OF EXIT RAMP IS LESS THAN OR EQUAL TO 3/4 MILE.

 <b>STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION</b>	
U.S. CUSTOMARY STANDARD SHEET	
<b>PAVEMENT MARKING DETAILS (SHEET 4 OF 9)</b>	
APPROVED SEPTEMBER 24, 2012	ISSUED UNDER EB 12-036
/S/ TODD B. WESTHUIS, P.E.	<b>685-01</b> PIN: 0761.67
ACTING DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY	

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DATE/TIME = 27-SEP-2012 10:05  
USER = jturley



1. SEE STANDARD SHEET TITLED "PAVEMENT MARKING DETAILS - SHEET 1 OF 9" FOR LINE LAYOUT AND DIMENSIONS. (EXCEPT AS NOTED)
2. REFER TO STANDARD SHEET TITLED "PAVEMENT MARKING DETAILS - SHEET 1 OF 9" FOR GENERAL NOTES.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

PAVEMENT MARKING DETAILS  
(SHEET 5 OF 9)

APPROVED SEPTEMBER 24, 2012

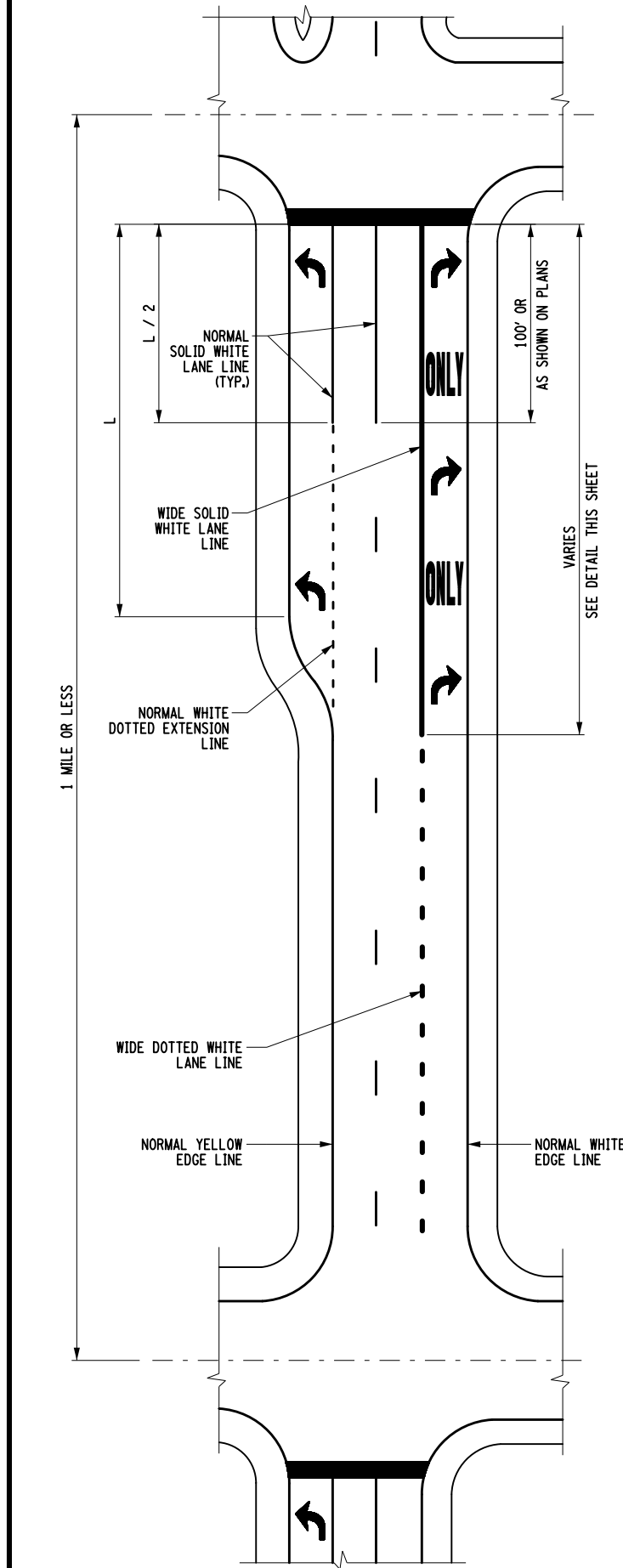
ISSUED UNDER EB 12-036

/S/ TODD B. WESTHUIS, P.E.

ACTING DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

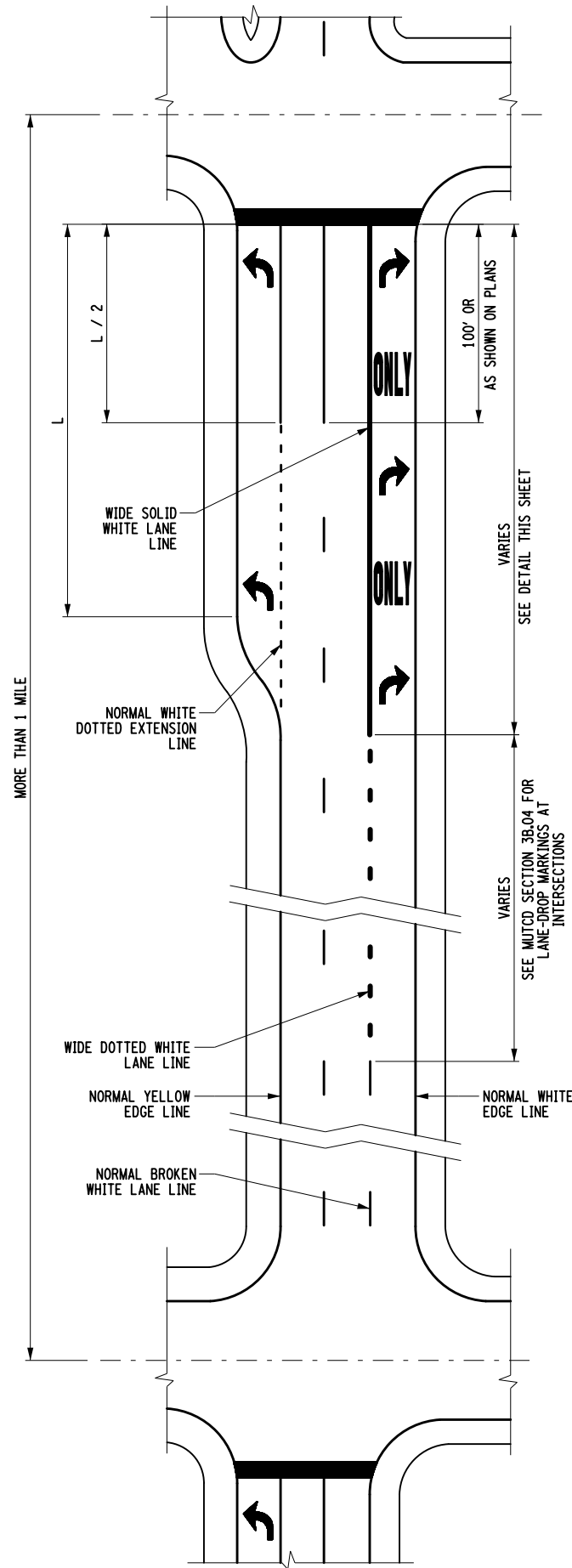
685-01  
H62153-14G  
PIN: 0761.67

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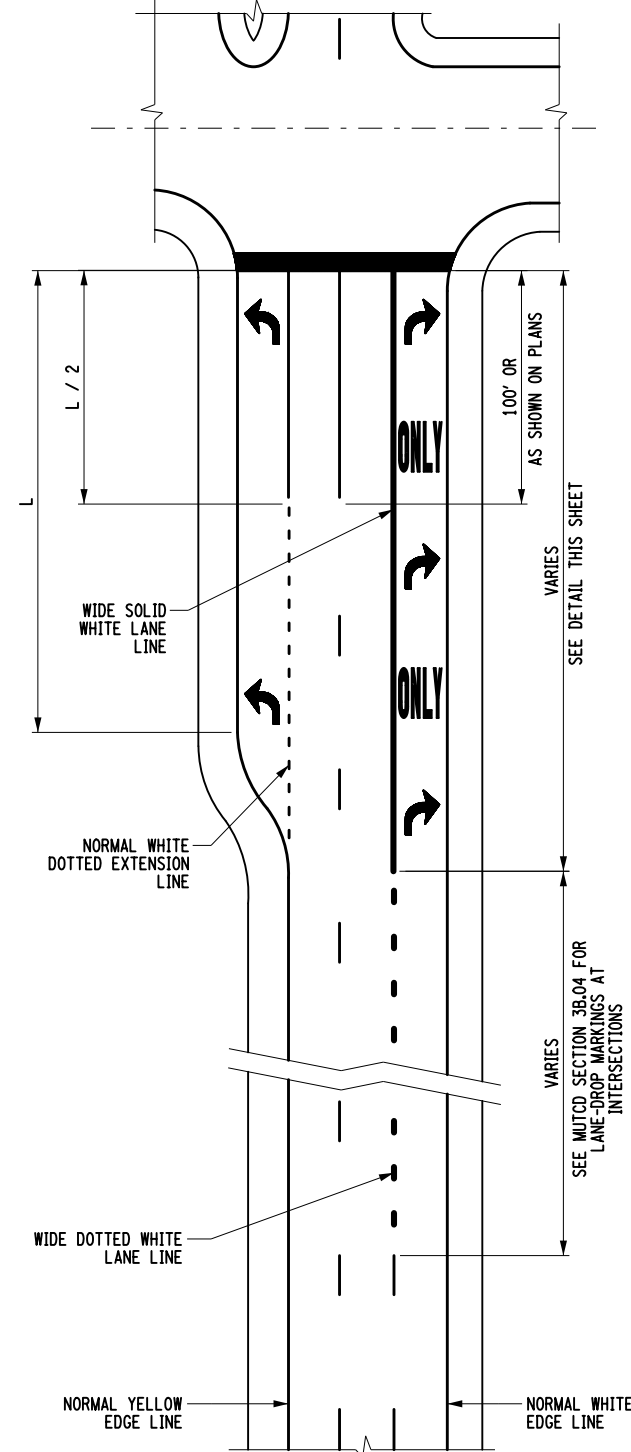
AUXILIARY LANE BETWEEN INTERSECTIONS

LESS THAN OR EQUAL TO 1 MILE APART  
IMPROVEMENTS PHASE 44



AUXILIARY LANE BETWEEN INTERSECTIONS

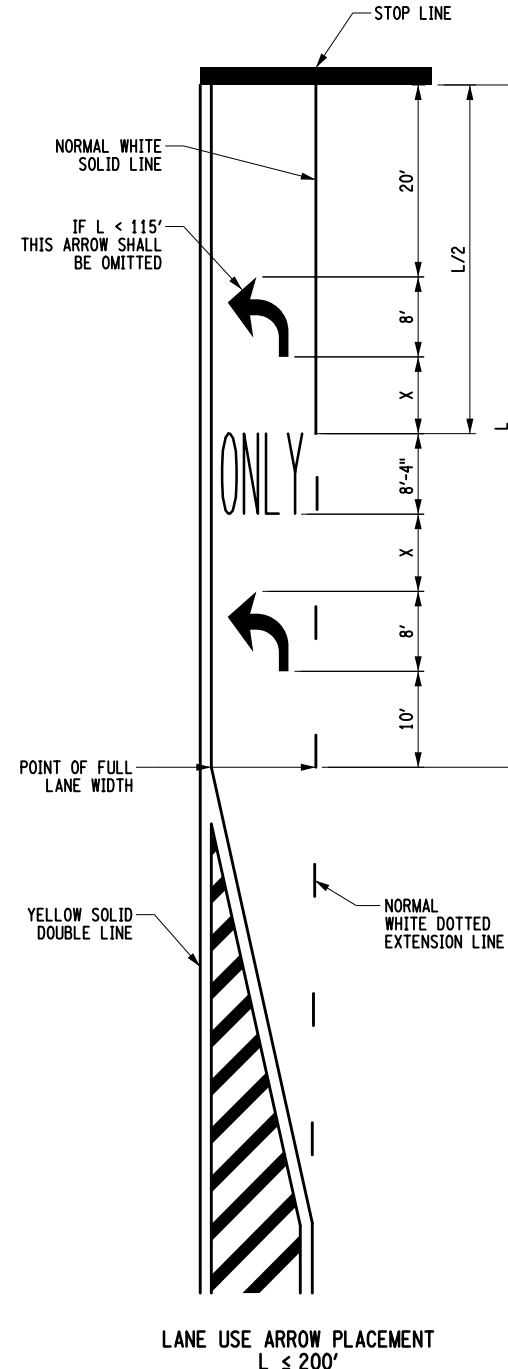
GREATER THAN 1 MILE APART



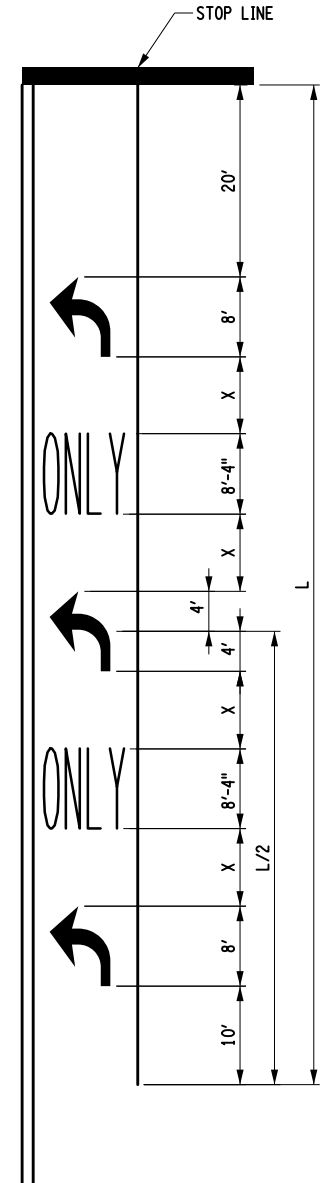
LANE DROP AT INTERSECTION

SYMBOL SPACING NOTES:

- SPACING BETWEEN ARROWS AND "ONLY" (X) IS 32' MIN. AND 80' MAX. LOWER SPEED ROADS SHOULD HAVE CLOSER SPACING THAN HIGHER SPEED ROADS.
- IF  $L < 75'$  OR  $L > 400'$ , REFER TO CONTRACT DOCUMENTS OR REGIONAL TRAFFIC SAFETY AND MOBILITY GROUP FOR GUIDANCE ON SPACING OF ARROWS AND "ONLY".
- ON AN UNCONTROLLED APPROACH (NO STOP SIGN, YIELD SIGN, OR TRAFFIC SIGNAL) OMIT STOP LINE.
- IF INTERSECTION LANE CONTROL SIGNS (EG. R3-5) ARE NOT PROVIDED FOR THE LANE, THE "ONLY" MARKINGS SHALL BE DELETED.
- ARROWS AND "ONLY" TO BE CENTERED IN THE LANE.



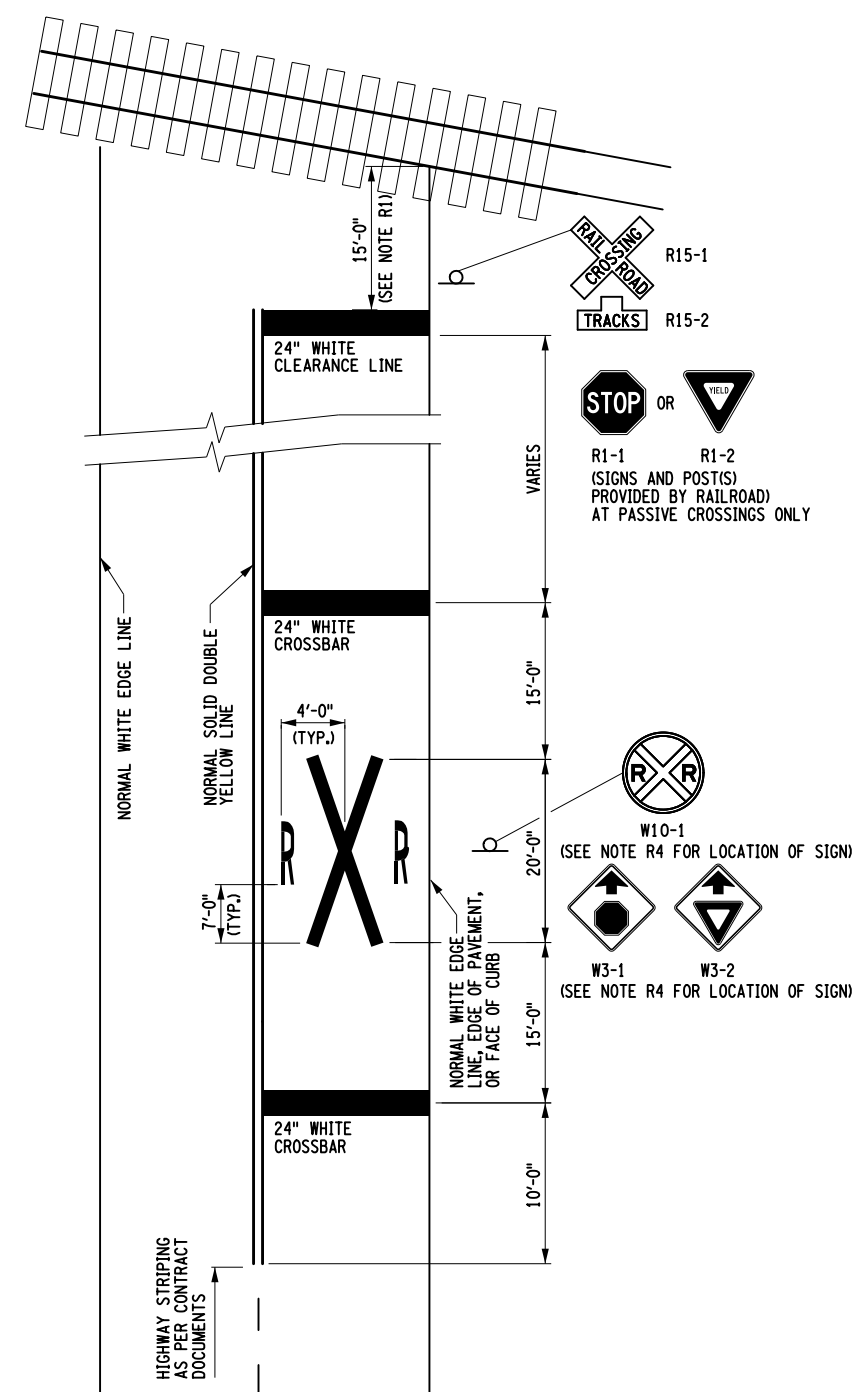
LANE USE ARROW PLACEMENT  
 $L \leq 200'$



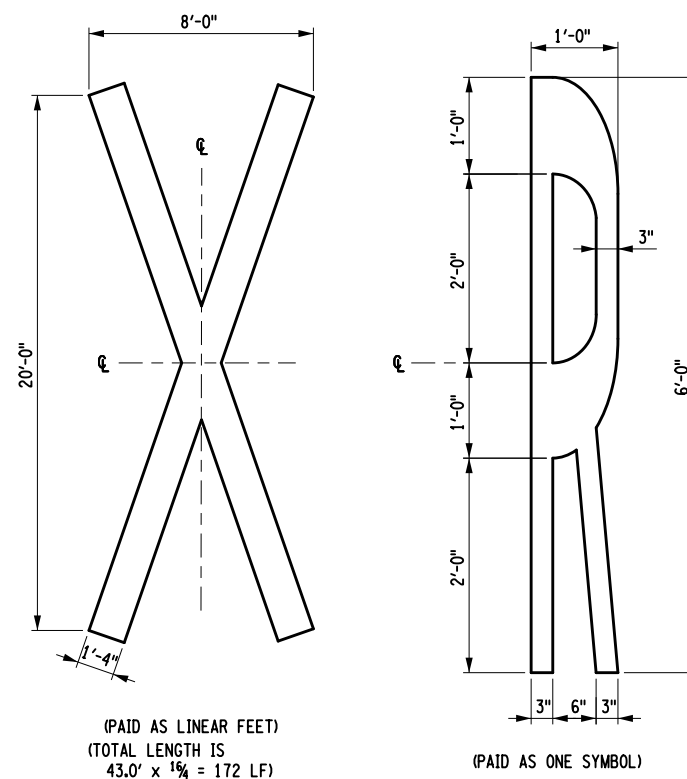
LANE USE ARROW PLACEMENT  
 $200' < L \leq 400'$

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION		
U.S. CUSTOMARY STANDARD SHEET		
PAVEMENT MARKING DETAILS (SHEET 6 OF 9)		
ERRATA 1 EFF. 01/09/2014 ISSUED WITH EB 13-042	APPROVED: OCTOBER 23, 2013 /S/ TODD B. WESTHUIS, P.E. DEPUTY CHIEF ENGINEER-TRAFFIC SAFETY AND MOBILITY (ACTING)	ISSUED UNDER EB 12-036 685-01 H62153-14G PIN: 0761.67

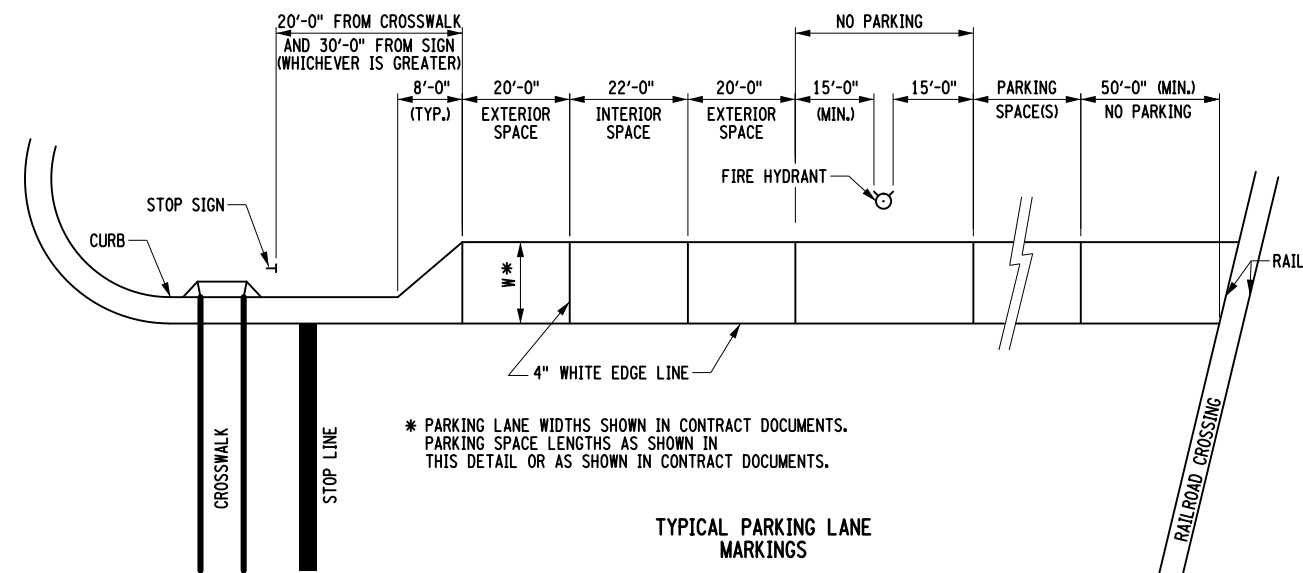
EFFECTIVE DATE: 05/02/2013



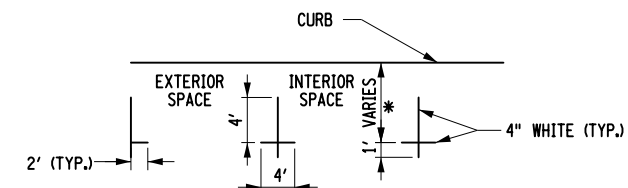
RAILROAD GRADE CROSSING MARKINGS AND LAYOUT PLAN



RAILROAD GRADE CROSSING



### TYPICAL PARKING LANE MARKINGS



ALTERNATE PARKING LANE MARKINGS  
(NO EDGE LINE)  
(NOT TO SCALE)

## RAILROAD GRADE CROSSING NOTES:

- R1. WHERE THERE IS NO RAILROAD CROSSING GATE, THE CLEARANCE LINE SHOULD BE PERPENDICULAR TO THE ROADWAY, AND 15'-0" FROM THE NEAREST RAIL AT ITS CLOSEST POINT. WHERE THERE IS A GATE, THE CLEARANCE LINE SHOULD BE PARALLEL TO THE GATE IN ITS LOWERED POSITION, AND EITHER 15'-0" FROM THE NEAREST RAIL OR 8'-0" FROM THE GATE, WHICHEVER PLACES THE LINE FURTHER FROM THE CROSSING.
- R2. ON A MULTI-LANE APPROACH, THE CLEARANCE LINE AND CROSSBARS SHALL EXTEND ACROSS ALL LANES, AND A "RXR" SYMBOL SHALL BE PLACED IN EACH LANE.
- R3. REFER TO STANDARD SHEET TITLED "PAVEMENT MARKING DETAILS - SHEET 1 OF 9" FOR GENERAL NOTES.
- R4. IF A W3-1 OR W3-2 SIGN IS NOT REQUIRED IN ADVANCE OF THE GRADE CROSSING, THE W10-1 SHALL BE LOCATED IN ACCORDANCE WITH TABLE NY2C-4. IF A W3-1 OR W3-2 SIGN IS REQUIRED IN ADVANCE OF A GRADE CROSSING, IT SHALL BE LOCATED IN ACCORDANCE WITH TABLE NY2C-4 AND THE W10-1 SIGN SHALL BE LOCATED APPROXIMATELY 200'-0" IN ADVANCE OF THE W3-1 OR W3-2 SIGN.
- R5. A PORTION OF THE "RXR" MARKING MUST BE OPPOSITE THE W10-1 SIGN. 24" WHITE CROSS BARS ARE PLACED IN RELATION TO "RXR" MARKING. THE DISTANCE TO CLEARANCE LINE WILL VARY.
- R6. NORMAL SOLID DOUBLE YELLOW LINE TO BEGIN A MINIMUM OF 10'-0" UPSTREAM OF FIRST 24" WHITE CROSS BAR.

Department of  
Transportation

U.S. CUSTOMARY STANDARD SHEET

PAVEMENT MARKING DETAILS  
(SHEET 7 OF 9)

APPROVED SEPTEMBER 24, 2012

/S/ TODD B. WESTHUIS, P.E.

ACTING DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

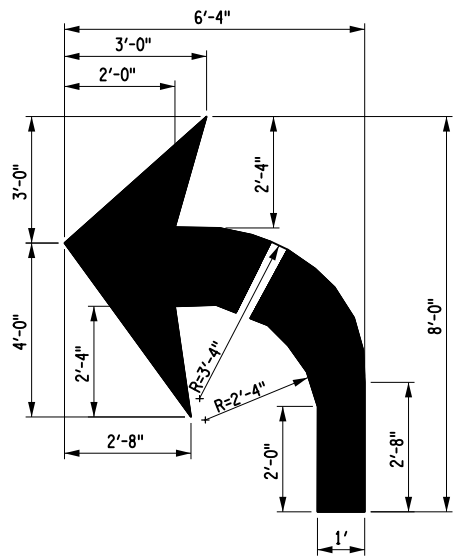
ISSUED UNDER EB 12-036

685-01

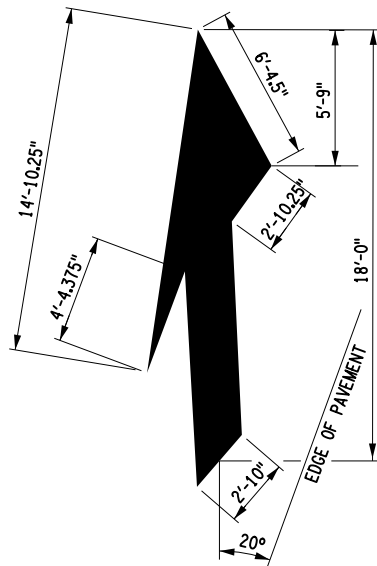
..: H62153-14G  
DIN: 0764 67

ERRATA 2 EFF. 01/01/2020  
ISSUED WITH EB 19-041

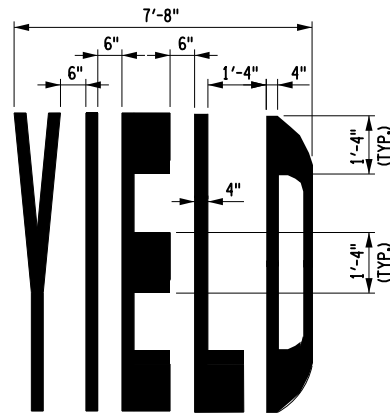
ERRATA 1 EFF. 01/01/2018  
ISSUED WITH EB 17-041



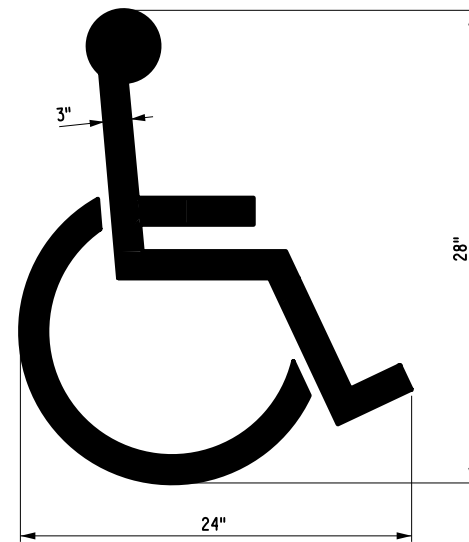
TURNING ARROW  
(PAID AS ONE SYMBOL)



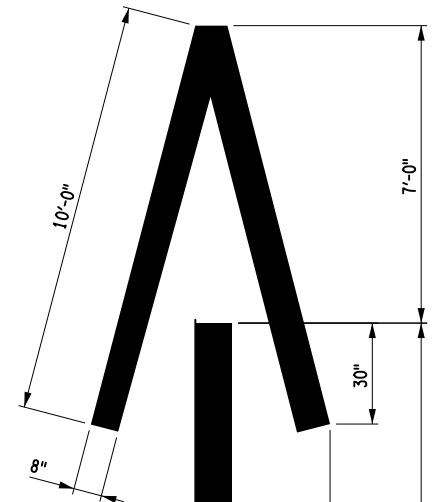
LANE REDUCTION ARROW  
(PAID AS ONE SYMBOL)



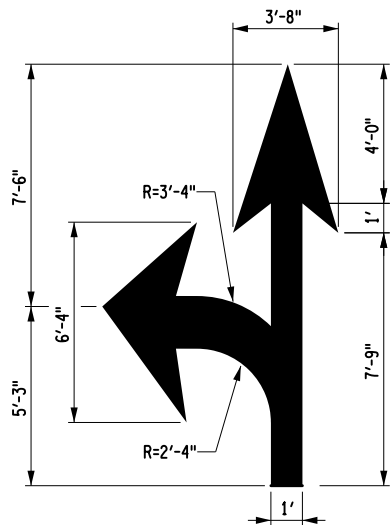
"YIELD" LETTERS  
SEE NOTE  
(PAID AS FIVE LETTERS)



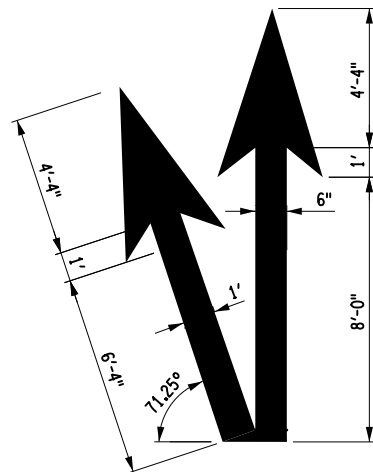
HANDICAPPED PARKING SYMBOL  
(PAID AS ONE SYMBOL)



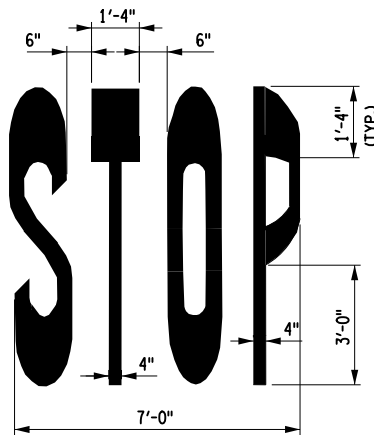
RAMP ARROW  
(PAID BY LINEAR FEET)  
(TOTAL 73'x8"=146 LF)



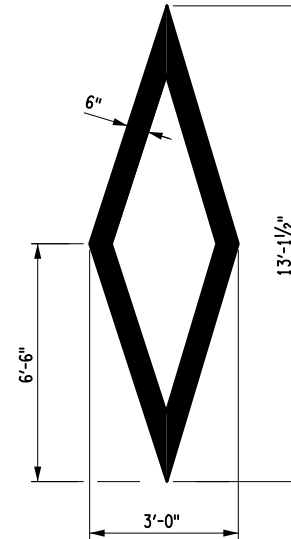
TURNING/STRAIGHT ARROW  
FOR SHARED LANE  
(PAID AS ONE SYMBOL)



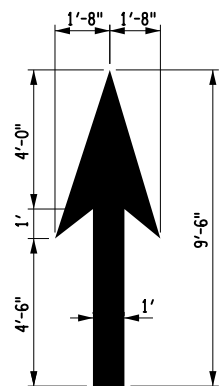
DIVERGE ARROW  
(PAID AS ONE SYMBOL)



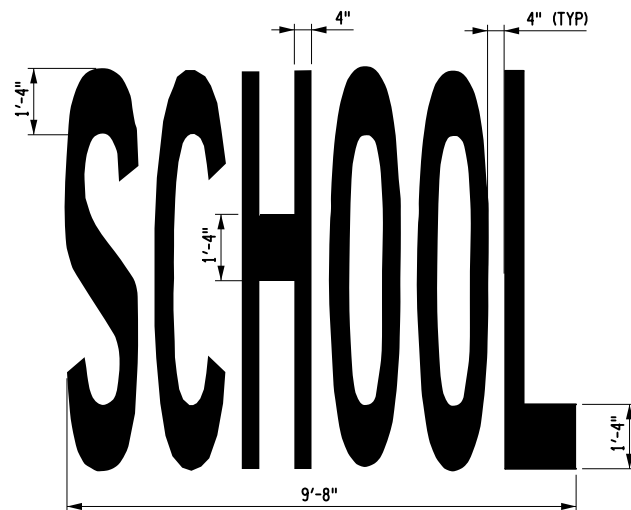
"STOP" LETTERS  
SEE NOTE  
(PAID AS FOUR LETTERS)



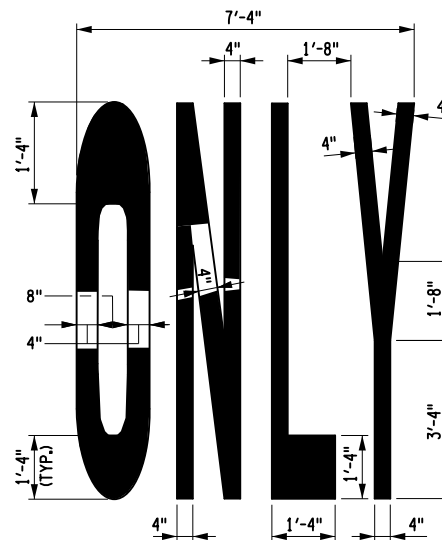
PREFERENTIAL LANE SYMBOL  
(PAID BY LINEAR FEET)  
(TOTAL IS 35'x8"=52.5 LF)



STRAIGHT ARROW  
(PAID AS ONE SYMBOL)



"SCHOOL" LETTERS  
SEE NOTE  
(PAID AS SIX LETTERS)



"ONLY" LETTERS  
SEE NOTE  
(PAID AS FOUR LETTERS)

NOTES:

UNLESS OTHERWISE SHOWN:  
LETTER HEIGHT = 8'-4"  
LETTER WIDTH = 1'-4"  
SPACING = 8"  
(USE EQUAL SPACING BETWEEN LETTERS AND CENTER ENTIRE SYMBOL IN LANE)



Department of  
Transportation

U.S. CUSTOMARY STANDARD SHEET

PAVEMENT MARKING DETAILS  
(SHEET 8 OF 9)

APPROVED SEPTEMBER 24, 2012  
/S/ TODD B. WESTHUIS, P.E.  
ACTING DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

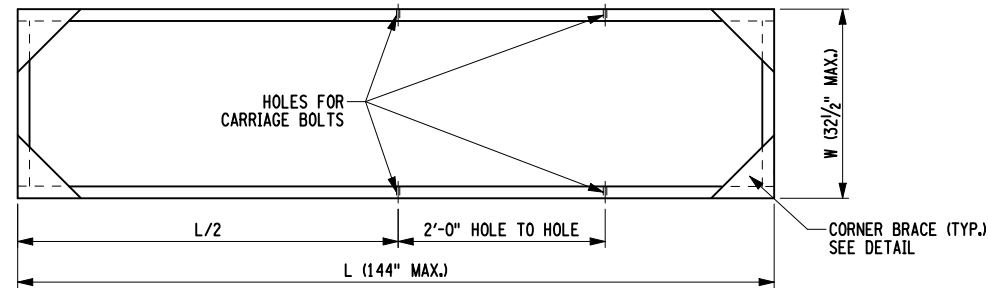
ISSUED UNDER EB 12-036  
685-01  
H62153-14G  
PIN: 0761.67

ERRATA 2 EFF. 01/01/2020  
ISSUED WITH EB 19-041  
ERRATA 1 EFF. 01/01/2018  
ISSUED WITH EB 17-041

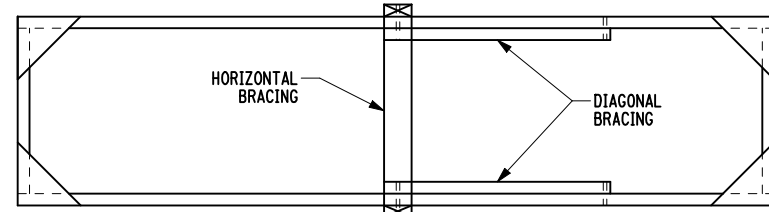


**NYSDOT Pavement Marking Details Standard Sheet Page 9 of 9 has been removed from this project.**

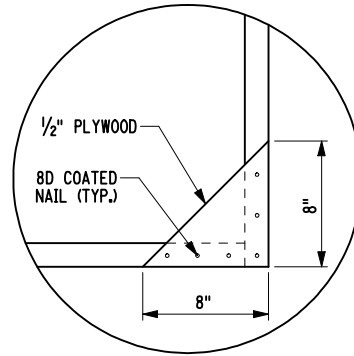
**Contractors are directed to reference Chapter 9C of the 2009 edition of the Federal MUTCD  
for any and all Bicycle Facility Pavement Markings**



**BOTTOM FRAME  
TOP VIEW**



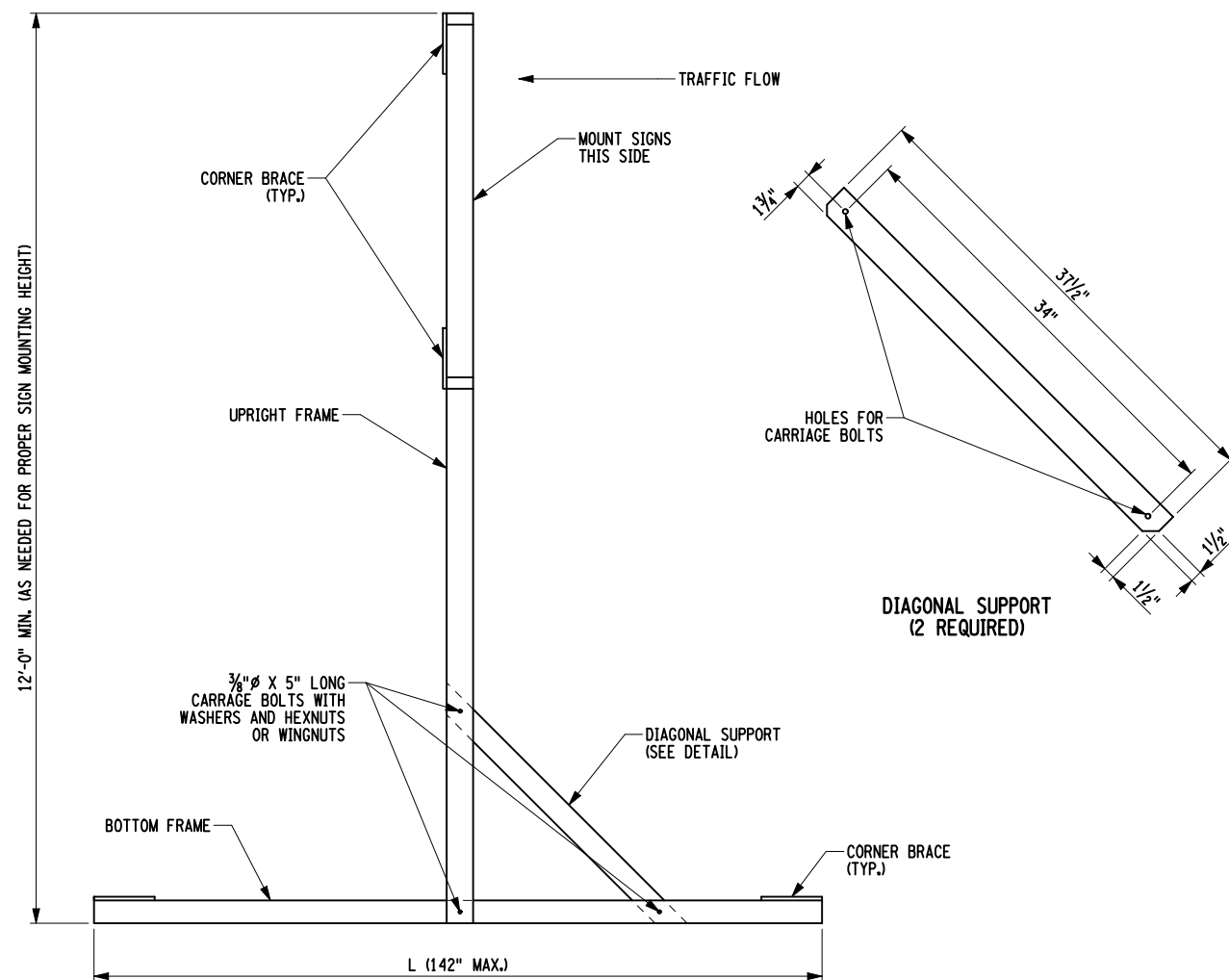
**TEMPORARY WOODEN SIGN STAND  
TOP VIEW**



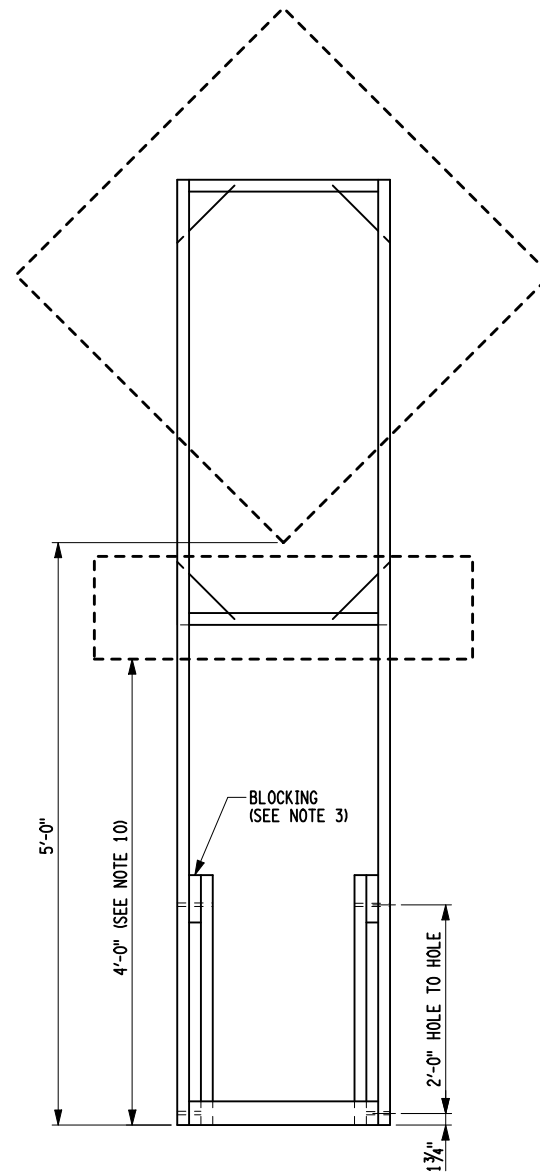
**CORNER BRACE DETAIL  
(TO BE USED ON UPRIGHT AND BOTTOM FRAMES)**

**NOTES:**

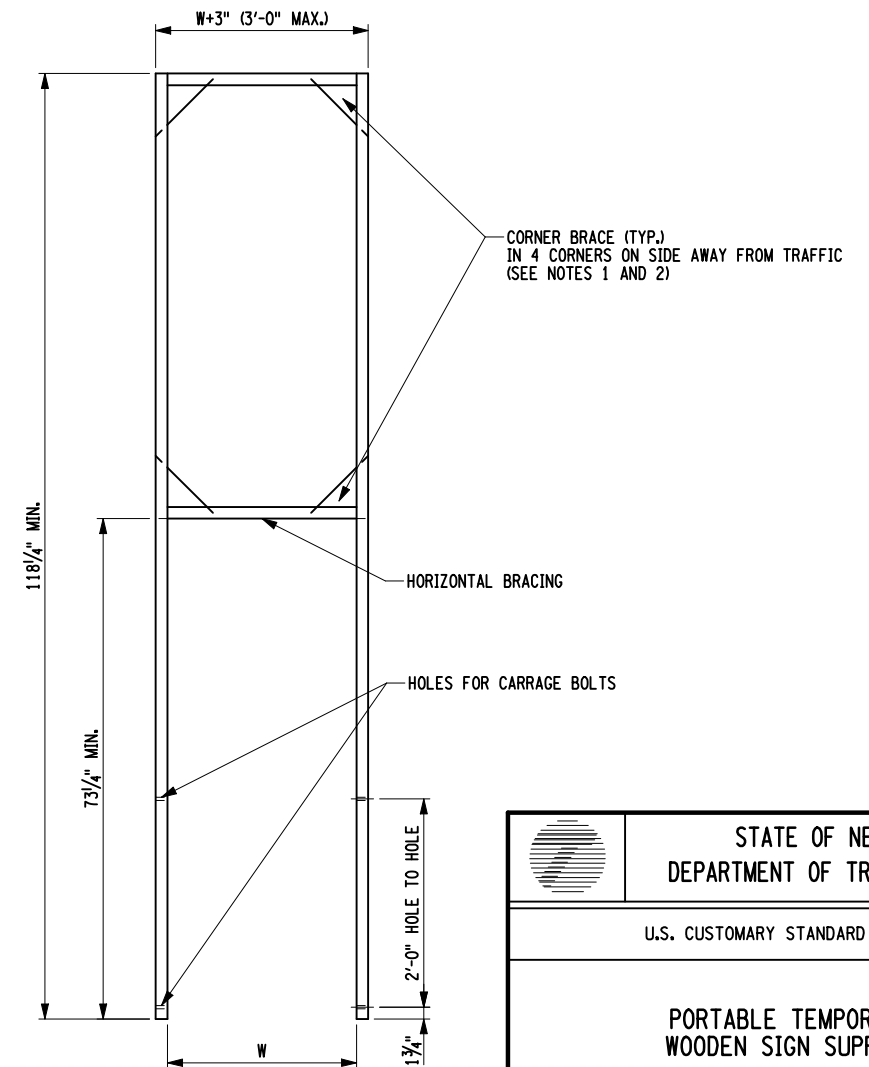
1. ALL LUMBER SHALL BE 2 X 4 DIMENSIONAL LUMBER. CONNECT FRAME MEMBERS WITH 2 EACH 12D COATED NAILS.
2. ALL HOLES SHALL BE DRILLED IN CENTERLINE OF FRAME MEMBERS AND DIAGONAL BRACES.
3. 6" BLOCK SPACER MAY BE USED BETWEEN DIAGONAL BRACE AND VERTICAL SUPPORT.
4. CONNECT FRAME CORNER BRACES TO FRAME MEMBERS WITH 6 EACH - 8D COATED NAILS. (3 NAILS INTO EACH FRAME MEMBER).
5. UPRIGHT FRAME MOUNTS ON THE OUTSIDE OF THE BOTTOM FRAME.
6. PAINT SIGN SUPPORT WITH 2 COATS OF WHITE PAINT.
7. DIAGONAL SUPPORTS MOUNT INSIDE BOTH UPRIGHT AND BOTTOM FRAMES. ALL UPRIGHT DIAGONAL BRACING SHALL BE SLOPED SUCH THAT BRACING COLLAPSES DOWNWARD UPON IMPACT BY A VEHICLE.
8. A SINGLE LAYER OF BALLAST PLACED ON THE BOTTOM FRAME MAY BE USED TO PREVENT SIGNS FROM TIPPING OVER FROM WIND AND VEHICLE GUSTS.
9. NO HORIZONTAL BRACING ALLOWED BETWEEN 2' AND 5' ON UPRIGHT VERTICALS, MEASURED FROM THE BOTTOM OF THE SKID BASE.
10. 5' MINIMUM SIGN MOUNTING HEIGHT, MEASURED FROM THE BOTTOM OF THE SKID BASE TO THE BOTTOM OF THE SIGN. VERTICAL SUPPORTS SHALL BE TALL ENOUGH TO ALLOW FOR HIGHER MOUNTING HEIGHTS FOR THOSE LOCATIONS REQUIRED BY THE MUTCD (I.E. SIDEWALKS, ROADSIDE PARKING AND EMBANKMENTS).
11. CONNECTIONS ALLOW FOR THE FOLDING, TRANSPORT AND STORAGE OF THE SUPPORT. WHEN FOLDED IN THE DOWN POSITION WITHIN THE CLEAR ZONE, THE MAXIMUM ASSEMBLY HEIGHT SHALL NOT EXCEED 4". SIMILAR NON-FOLDING SUPPORTS SHALL BE STORED OUTSIDE THE CLEAR ZONE OR BEHIND A BARRIER.
12. L = LENGTH OF BOTTOM FRAME.  
W = WIDTH OF BOTTOM FRAME.



**TEMPORARY WOODEN SIGN STAND  
SIDE VIEW**




**TEMPORARY WOODEN SIGN STAND  
FRONT VIEW**



**UPRIGHT FRAME  
FRONT VIEW**

FILE NAME = IP\_PWP-0109553\619-04.dgn  
DATE/TIME = 06-NOV-2008 15:03  
USER = jturley

 <b>STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION</b>	
U.S. CUSTOMARY STANDARD SHEET	
<b>PORTABLE TEMPORARY WOODEN SIGN SUPPORT</b>	
APPROVED OCTOBER 06, 2008	ISSUED UNDER EB 08-036
/S/ J. F. TYNAN, P.E. DEPUTY CHIEF ENGINEER (CONSTRUCTION)	<b>619-04</b> CONTRACT NO.: H62153-14G PIN: 0764.67

FILE NAME = IP\_PWP-j0109553\619-10.dgn  
DATE/TIME = 06-NOV-2008 15:03  
USER = jtur1ey

- GENERAL NOTES
1. THE TYPICAL DETAILS DEPICTED ON THE STANDARD SHEETS AND IN THE MUTCD, REFLECT THE MINIMUM REQUIREMENTS.
  2. THE CONTRACTOR MUST SUBMIT TO THE ENGINEER, IN WRITING, PROPOSED REVISIONS TO THE TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE FIVE (5) WORK DAYS PRIOR TO THE PLANNED IMPLEMENTATION OF SUCH PROPOSED REVISIONS, EXCEPT FOR CHANGES THAT ALTER THE SCOPE OF THE TRAFFIC CONTROL PLAN. SUCH CHANGES IN SCOPE MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE THIRTY (30) WORKING DAYS PRIOR TO IMPLEMENTATION OF SUCH REVISIONS.
  3. THE CONTRACTOR SHALL PROVIDE THE ENGINEER, IN WRITING, WITH THE NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF STAFF WHO ARE AUTHORIZED TO SECURE LABOR, MATERIALS, AND EQUIPMENT FOR EMERGENCY REPAIRS OUTSIDE NORMAL WORKING HOURS. THE ENGINEER WILL PROVIDE THE SUBMITTED INFORMATION TO REGIONAL MANAGEMENT, THE NEW YORK STATE POLICE, THE RESIDENT ENGINEER, AND THE LOCAL POLICE.

ACTIVITY AREA

1. THE CONTRACTOR SHALL MAINTAIN A MINIMUM 500' LONGITUDINAL DISTANCE BETWEEN CONSTRUCTION OPERATIONS ON ALTERNATE SIDES OF THE ROADWAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.
2. WHEN TWO OR MORE AREAS ARE ADJACENT, OVERLAP, OR ARE IN CLOSE PROXIMITY, THE CONTRACTOR SHALL ENSURE THERE ARE NO CONFLICTING SIGNS AND THAT LANE CONTINUITY IS MAINTAINED THROUGHOUT ALL WORK AREAS.

SIGNS

1. THE LOCATIONS OF THE SIGNS SHOWN ON THE WORK ZONE TRAFFIC CONTROL PLANS AND DETAILS MAY BE ADJUSTED BASED ON SIGHT DISTANCE AND OTHER CONSIDERATIONS. THE FINAL LOCATIONS OF SIGNS ARE SUBJECT TO APPROVAL OF THE ENGINEER.
2. ANY EXISTING SIGNS, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET, AS APPROVED BY THE ENGINEER. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THIS CONTRACT.
3. SIGNS AT OR NEAR INTERSECTIONS SHALL BE PLACED SO THAT THEY DO NOT OBSTRUCT A MOTORIST'S LINE OF SIGHT.
4. ALL WARNING AND REGULATORY SIGNS SHALL BE POSTED ON BOTH SIDES OF MULTI-LANE DIVIDED HIGHWAYS, MULTI-LANE RAMPS, AND ONE-WAY STREETS. IN CASES WHERE LANE RESTRICTIONS REDUCE THE TRAVEL LANE TO ONE LANE, SIGNS SHALL BE POSTED ON THE RIGHT SIDE OF THE ACTIVE TRAVEL LANE, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
5. SIGNS MOUNTED ON THE MEDIAN OF DIVIDED HIGHWAYS WHERE MEDIAN BARRIER IS IN PLACE MAY BE MOUNTED ON THE BARRIER WITH A SADDLE TYPE BRACKET. LAYING THE SIGN DOWN IN A HORIZONTAL POSITION IS NOT PERMITTED.
6. THE DIMENSIONS OF WORK ZONE TRAFFIC CONTROL SIGNS ARE DESCRIBED IN THE MUTCD. ANY CHANGES TO THE DIMENSIONS SHALL BE APPROVED BY THE REGIONAL DIRECTOR OR BY HIS/HER DESIGNEE.
7. NYR9-12 MAY BE USED IN PLACE OF NYR9-11.

CHANNELIZING DEVICES

1. WHERE POSSIBLE ALL CHANNELIZING AND GUIDING DEVICES ARE TO BE PLACED SO AS TO PROVIDE A MINIMUM 2' LATERAL CLEARANCE TO THE TRAVELED WAY.

PUBLIC ACCESS

1. PROPERTY OWNERS WHOSE DRIVEWAYS WILL BE MADE INACCESSIBLE SHALL BE NOTIFIED BY THE CONTRACTOR AT LEAST 24 HOURS PRIOR TO RESTRICTING USE OF THE DRIVEWAY. FOR MULTIPLE ACCESS PROPERTIES, AT LEAST ONE DRIVEWAY SHALL BE OPEN AT ALL TIMES. ACCESS SHALL BE RESTORED TO ALL DRIVEWAYS AS SOON AS POSSIBLE.
2. SUITABLE RAMPS SHALL BE INSTALLED TO MAINTAIN SMOOTH TRANSITIONS FROM RESIDENTIAL AND COMMERCIAL DRIVEWAYS TO AND FROM THE WORK AREA.

LANE CLOSURES


1. THE CONTRACTOR SHALL LOCATE LANE CLOSURES TO PROVIDE OPTIMUM VISIBILITY, I.E. BEFORE CURVES AND CRESTS, TO THE EXTENT CONDITIONS PERMIT.
2. THE ENGINEER MAY REQUIRE THAT ALL LANES BE RE-OPENED AT ANY TIME IF THE ROUTE IS NEEDED FOR EMERGENCY PURPOSES. THIS COULD INCLUDE INCIDENTS AT LOCATIONS OUTSIDE THE CONTRACT LIMITS.

LANE WIDTHS

1. UNLESS AUTHORIZED BY THE ENGINEER, THE MINIMUM LANE WIDTHS FOR WORK ZONE TRAVEL LANES SHALL BE AS FOLLOWS: FREEWAYS AND/OR EXPRESSWAYS IS 11'. THE MINIMUM LANE WIDTH FOR ALL OTHER TYPES OF ROADWAYS IS 10'.
2. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ENGINEER, A MINIMUM OF 21 CALENDAR DAYS IN ADVANCE OF PERFORMING ANY WORK THAT RESULTS IN THE REDUCED WIDTH OF AN EXISTING ROADWAY, SO THAT THE ENGINEER MAY NOTIFY THE REGIONAL PERMIT ENGINEER IN A TIMELY MANNER.

BARRIER/SHADOW VEHICLES

1. BARRIER AND SHADOW VEHICLES SHALL BE REQUIRED AS PER STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
2. NO WORK ACTIVITY, EQUIPMENT, VEHICLES AND/OR MATERIALS SHALL BE LOCATED BETWEEN THE BARRIER OR SHADOW VEHICLE AND THE ACTIVE WORK AREA (ROLL AHEAD DISTANCE).
3. THE CONTRACTOR MAY BE REQUIRED TO PROVIDE A BARRIER VEHICLE IN CONJUNCTION WITH POLICE PRESENCE IN THE WORK ZONE, TO BE INCLUDED IN THE UNIT BID PRICE FOR BASIC WORK ZONE TRAFFIC CONTROL.

	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
U.S. CUSTOMARY STANDARD SHEET		
WORK ZONE TRAFFIC CONTROL GENERAL NOTES		
APPROVED SEPTEMBER 18, 2008	ISSUED UNDER EB 08-036	
/S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF CONTRACT NO.: H62153-14G TRAFFIC SAFETY AND MOBILITY		619-10 PIN: 0761.67

FILE NAME = IP\_PWP-j0109553\619-11.dgn  
DATE/TIME = 06-NOV-2008 15:03  
USER = jturley

TABLE NY1-A BARRIER VEHICLE USE REQUIREMENTS (LONG TERM, INTERMEDIATE TERM, AND SHORT TERM STATIONARY CLOSURES)					
CLOSURE TYPE	EXPOSURE CONDITION <sup>1</sup>	USE REQUIREMENTS <sup>4,5</sup>			
		FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIMIT)		
			≥ 45 MPH	35-40 MPH	≤ 30 MPH
LANE CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED <sup>3</sup>	REQUIRED <sup>3</sup>	REQUIRED <sup>3</sup>	OPTIONAL <sup>2</sup>
	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED <sup>3</sup>	REQUIRED <sup>3</sup>	OPTIONAL <sup>2</sup>	OPTIONAL <sup>2</sup>
SHOULDER CLOSURE	WORKERS ON FOOT OR IN VEHICLES EXPOSED TO TRAFFIC	REQUIRED <sup>3</sup>	REQUIRED <sup>3</sup>	OPTIONAL <sup>2</sup>	OPTIONAL <sup>2</sup>
	NON-TRAVERSABLE HAZARD (IE. EQUIPMENT, MATERIALS, EXCAVATION) ONLY NO WORKERS EXPOSED	REQUIRED <sup>3</sup>	OPTIONAL <sup>2</sup>	OPTIONAL <sup>2</sup>	OPTIONAL <sup>2</sup>

1. THE EXPOSURE CONDITIONS DESCRIBED IN TABLE NY1-A ASSUMES THERE IS NO POSITIVE PROTECTION (TEMPORARY TRAFFIC BARRIER) PRESENT. WHERE WORKERS OR HAZARDS ARE PROTECTED BY A TEMPORARY TRAFFIC BARRIER, BARRIER VEHICLES ARE NOT REQUIRED.
2. WHERE THE REQUIREMENT IS "OPTIONAL", EITHER A BARRIER VEHICLE OR THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
3. REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE BARRIER VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED PAVED SHOULDER 8' OR GREATER IN WIDTH. IF THE WORK SPACE MOVES WITHIN THE STATIONARY CLOSURE, THE BARRIER VEHICLE SHALL BE REPOSITIONED ACCORDINGLY. BARRIER VEHICLES PROTECTING NON-TRANSVERSABLE HAZARDS SHALL REMAIN IN PLACE DURING BOTH WORKING AND NON-WORKING HOURS UNTIL THE HAZARD NO LONGER EXISTS. EXCEPTIONS TO THESE REQUIREMENTS MAY BE MADE, AS APPROVED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE WHERE BARRIER VEHICLE PLACEMENT WOULD BE INEFFECTIVE OR WOULD INTERFERE WITH THE SAFE OPERATION OF TRAFFIC.
4. BARRIER VEHICLES ARE NOT REQUIRED FOR MILLING AND/OR PAVING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE 6C-2) SHALL BE PROVIDED.
5. BARRIER VEHICLES ARE NOT REQUIRED FOR FLAGGING OPERATIONS, BUT THE STANDARD LONGITUDINAL BUFFER SPACE (TABLE6C-2) SHALL BE PROVIDED.

TABLE NY1-B SHADOW VEHICLE USE REQUIREMENTS (MOBILE CLOSURES)					
CLOSURE TYPE	EXPOSURE CONDITION	USE REQUIREMENTS			
		FREEWAY	NON-FREEWAY (PRECONSTRUCTION POSTED SPEED LIMIT)		
			≥ 45 MPH	35-40 MPH	≤ 30 MPH
LANE CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED <sup>2,4</sup>	REQUIRED <sup>2,4</sup>	REQUIRED <sup>2,4</sup>	REQUIRED <sup>2,4</sup>
SHOULDER CLOSURE	WHEN ANY WORKER, VEHICLE, OR OTHER HAZARD IS EXPOSED TO TRAFFIC	REQUIRED <sup>2,4</sup>	REQUIRED <sup>2,4</sup>	REQUIRED <sup>2,4</sup>	REQUIRED <sup>2,4</sup>

1. A MOBILE CLOSURE SHALL BE USED FOR ANY WORK ACTIVITY THAT MOVES CONTINUOUSLY OR INTERMITTENTLY ALONG THE TRAVELED WAY OR SHOULDER SLOWER THAN THE PREVAILING SPEED OF TRAFFIC. CHANNELIZING DEVICES ARE NOT USED FOR MOBILE CLOSURES.
2. SHADOW VEHICLES SHALL BE EQUIPPED WITH AN APPROVED REAR MOUNTED ATTENUATOR (TRUCK MOUNTED OR TRAILER MOUNTED) FOR THE FOLLOWING MOBILE CLOSURES: LANE CLOSURES ON FREEWAYS, LANE CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION POSTED SPEED LIMIT OF 35 MPH OR MORE, SHOULDER CLOSURES ON FREEWAYS, AND SHOULDER CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION SPEED LIMIT OF 45 MPH OR MORE.
3. FOR MOBILE LANE CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION POSTED SPEED LIMIT OF 30 MPH OR LESS AND MOBILE SHOULDER CLOSURES ON NON-FREEWAY ROADWAYS HAVING A PRE-CONSTRUCTION SPEED LIMIT OF 40 MPH OR LESS, SHADOW VEHICLES ARE NOT REQUIRED TO BE EQUIPPED WITH A REAR MOUNTED ATTENUATOR.
4. A SHADOW VEHICLE IS USED TO PROTECT EXPOSED WORKERS (ON FOOT OR IN A VEHICLE) AND SHALL BE REQUIRED FOR ALL MOBILE CLOSURES. SHADOW VEHICLE REQUIREMENTS SHALL INCLUDE PROVIDING A SEPARATE SHADOW VEHICLE FOR EACH CLOSED LANE AND EACH CLOSED PAVED SHOULDER 8' OR GREATER IN WIDTH. ADDITIONAL SHADOW VEHICLES MAY BE REQUIRED TO PROMOTE THE SAFE OPERATION OF TRAFFIC AND THE INCREASED PROTECTION OF EXPOSED WORKERS, AS DIRECTED BY THE REGIONAL DIRECTOR OR HIS/HER DESIGNEE.

TABLE 6H-4 FORMULAS FOR DETERMINING TAPER LENGTHS										
SPEED LIMIT (S) (MPH)		TAPER LENGTH (L) (FT.)		L = TAPER LENGTH W = WIDTH OF OFFSET (FT.) S = PRECONSTRUCTION POSTED SPEED LIMIT (MPH)						
(40 MPH) OR LESS		L = WS <sup>2</sup> /60								
(45 MPH) OR MORE		L = WS								
STANDARD TAPER LENGTHS										
LATERAL SHIFT OF TRAFFIC FLOW PATH	TEMPORARY TRAFFIC CONTROL ZONE POSTED SPEED LIMIT									
	(25 MPH)	(30 MPH)	(35 MPH)	(40 MPH)	(45 MPH)	(50 MPH)	(55 MPH)	(60 MPH)	(65 MPH)	(70 MPH)
4	45	60	85	110	180	200	220	240	260	280
5	55	75	105	135	225	250	275	300	325	350
6	65	90	125	160	270	300	330	360	390	420
7	75	105	145	190	315	350	385	420	455	490
8	85	120	165	215	360	400	440	480	520	560
9	95	135	185	240	405	450	495	540	585	630
10	105	150	205	270	450	500	550	600	650	700
11	115	165	225	295	495	550	605	660	715	770
12	125	180	245	320	540	600	660	720	780	840

TABLE 6C-2 LONGITUDINAL BUFFER SPACE	
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	DISTANCE
25	155 FT.
30	200 FT.
35	250 FT.
40	305 FT.
45	360 FT.
50	425 FT.
55	495 FT.
60	570 FT.
65	645 FT.

TABLE NY2-A PLACEMENT DISTANCE FOR BARRIER VEHICLES					
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	PLACEMENT DISTANCE (FT.)				
	BARRIER VEHICLES*				
	(18000 LBS.)		(24000 LBS.)		
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	
> 55	100 FT.	200 FT.	100 FT.	200 FT.	
45 - 55	100 FT.	200 FT.	85 FT.	165 FT.	
< 45	85 FT.	165 FT.	50 FT.	100 FT.	

\* AS DEFINED IN NYSDOT STANDARD SPECIFICATION 619:

BARRIER VEHICLE - VEHICLE USED FOR STATIONARY SHOULDER CLOSURES, LANE CLOSURES, AND OTHER STATIONARY WORK ZONES.

MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

TABLE NY2-B PLACEMENT DISTANCE FOR SHADOW VEHICLES					
PRECONSTRUCTION POSTED SPEED LIMIT (MPH)	PLACEMENT DISTANCE (FT.)				
	SHADOW VEHICLES**				
	(18000 LBS.)		(24000 LBS.)		
	MINIMUM	MAXIMUM	MINIMUM	MAXIMUM	
> 55	230 FT.	330 FT.	180 FT.	280 FT.	
45 - 55	180 FT.	280 FT.	150 FT.	250 FT.	
< 45	100 FT.	200 FT.	100 FT.	200 FT.	

\* AS DEFINED IN NYSDOT STANDARD SPECIFICATION 619:

SHADOW VEHICLE - VEHICLE USED FOR MOBILE OR SHORT DURATION WORK OPERATIONS.

MINIMUM DISTANCE SHOWN REFLECTS THE ACTUAL ROLL AHEAD DISTANCE FROM MANUFACTURER.

TABLE 6C-3 TAPER LENGTH FOR TEMPORARY TRAFFIC CONTROL ZONES	
TYPE OF TAPER	TAPER LENGTH (L)
MERGING TAPER	L
SHIFTING TAPER	L/2
SHOULDER TAPER	L/3
ONE-LANE, TWO-WAY TRAFFIC TAPER	100 FT. MAXIMUM
DOWNSTREAM TAPER	100 FT. PER LANE

TABLE 619-4 FLARE RATES FOR POSITIVE BARRIER					
TYPE OF POSITIVE BARRIER	POSTED SPEED LIMIT				
	30 MPH	40 MPH	50 MPH	55 MPH	65 MPH
TEMPORARY CONCRETE BARRIER	8:1	11:1	14:1	16:1	20:1
BOX BEAM OR HEAVY POST CORRUGATED BEAM	7:1	9:1	11:1	12:1	15:1

TABLE NY6H-3 ADVANCE WARNING SIGN SPACING					
ROAD TYPE	DISTANCE BETWEEN SIGNS			SIGN LEGEND	
	A (FT.)	B (FT.)	C (FT.)	XX	YY
URBAN (≤ 30 MPH*)	100	100	100	AHEAD	AHEAD
URBAN (35-40 MPH*)	200	200	200	AHEAD	AHEAD
URBAN (≥ 45 MPH*)	350	350	350	1000 FT.	AHEAD
RURAL	500	500	500	1500 FT.	1000 FT.
EXPRESSWAY / FREEWAY	1000	1500	2640	1 MILE	1/2 MILE

\* PRECONSTRUCTION POSTED SPEED LIMIT

URBAN: (MEETS MORE THAN 1 OF THE FOLLOWING CRITERIA) SIDEWALKS, BICYCLE USAGE, CURBING, CLOSED DRAINAGE SYSTEMS, DRIVEWAY DENSITIES GREATER THAN 24 DRIVEWAYS PER MILE, MINOR COMMERCIAL DRIVEWAY DENSITIES OF 10 DRIVEWAYS PER MILE OR GREATER, MAJOR COMMERCIAL DRIVEWAYS, NUMEROUS RIGHT OF WAY CONSTRAINTS, HIGH DENSITY OF CROSS STREETS, 85TH PERCENTILE SPEEDS OF 45 MPH OR LESS.


RURAL: ANY AREA NOT EXHIBITING MORE THAN ONE OF THE ABOVE CHARACTERISTICS.

EXPRESSWAY: DIVIDED HIGHWAYS FOR TRAFFIC WITH FULL OR PARTIAL CONTROL OF ACCESS AND GENERALLY WITH GRADE SEPARATIONS AT MAJOR CROSSROADS.

FREEWAYS/INTERSTATE: LOCAL OR INTER REGIONAL HIGH-SPEED, DIVIDED, HIGH-VOLUME FACILITIES WITH FULL OR PARTIAL CONTROL OF ACCESS.

WORK DURATION DEFINITIONS
LONG-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN 3 CONSECUTIVE DAYS.
INTERMEDIATE-TERM STATIONARY IS WORK THAT OCCUPIES A LOCATION MORE THAN ONE DAYLIGHT PERIOD UP TO 3 CONSECUTIVE DAYS, OR NIGHTTIME WORK LASTING MORE THAN 1 HOUR.
SHORT-TERM STATIONARY IS DAYTIME WORK THAT OCCUPIES A LOCATION FOR MORE THAN 1 HOUR WITHIN A SINGLE DAYLIGHT PERIOD.
SHORT DURATION IS WORK THAT OCCUPIES A LOCATION UP TO 1 HOUR.
MOBILE IS WORK THAT MOVES INTERMITTENTLY OR CONTINUOUSLY.

WORK ZONE TRAFFIC CONTROL LEGEND	
SYMBOL	DESCRIPTION
	ARROW PANEL
	ARROW PANEL, CAUTION MODE
	ARROW PANEL TRAILER OR SUPPORT
	CHANGEABLE MESSAGE SIGN (PVMS)
	CHANNELIZING DEVICE
	CRASH CUSHION/TEMPORARY IMPACT ATTENUATOR
	DIRECTION OF TEMPORARY TRAFFIC DETOUR
	DIRECTION OF TRAFFIC
	FLAGGER
	FLAG TREE
	LUMINAIRE
	PAVEMENT MARKINGS THAT SHALL BE REMOVED FOR A LONG TERM PROJECT
	SIGN, TEMPORARY
	TEMPORARY BARRIER
	TEMPORARY BARRIER WITH WARNING LIGHTS
	TRAFFIC OR PEDESTRIAN SIGNAL
	TYPE III BARRICADE
	WARNING LIGHTS
	WORK SPACE
	WORK VEHICLE
	WORK VEHICLE WITH TRUCK MOUNTED ATTENUATOR

	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
U.S. CUSTOMARY STANDARD SHEET		
WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES		
APPROVED SEPTEMBER 18, 2008	ISSUED UNDER EB 08-036	
/S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY	619-11 H62153-14G PIN: 0761.67	

FILE NAME = 619-1201.050312.dgn  
DATE/TIME = 18-APR-2012 11:00  
USER = rlohse

WORK ZONE TRAFFIC CONTROL SIGN TABLE					
SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY
	E5-1	C	-----	72"x60"	72"x60"
	G20-1	A	36"x18"	48"x24"	48"x24"
	G20-2	A	36"x18"	48"x24"	48"x24"
	G20-4	A	36"x18"	-----	-----
	G20-5aP	A	24"x18"	36"x24"	36"x24"
	M1-1	G	1 OR 2 DIGITS 24"x24"	36"x36"	36"x36"
	M1-1t	G	3 DIGITS 30"x24"	45"x36"	45"x36"
	M1-4	B	1 OR 2 DIGITS 24"x24"	36"x36"	36"x36"
	M1-4t	B	3 DIGITS 30"x24"	45"x36"	45"x36"
	M3-1	SEE NOTE 3	24"x12"	36"x18"	36"x18"
	M3-2				
	M3-3				
	M3-4				
	M4-8	A	24"x12"	36"x18"	36"x18"
	M4-8a	A	24"x18"	24"x18"	24"x18"
	M4-9	A	30"x24"	48"x36"	48"x36"
	M4-9L				
	M4-9R				
	M4-9a	A	30"x24"	30"x24"	-----
	M4-9b	A	30"x24"	30"x24"	-----
	M4-9c	A	30"x24"	30"x24"	-----
	M4-10L	A	48"x18"	48"x18"	48"x18"
	M4-10R				
	M5-1	SEE NOTE 3	21"x15"	30"x21"	30"x21"
	M5-2	SEE NOTE 3	21"x15"	30"x21"	30"x21"
	M6-1	SEE NOTE 3	21"x15"	30"x21"	30"x21"
	M6-2				
	M6-3				
	M6-4				
	NYM3-1	B	24"x24"	36"x36"	36"x36"
	NYM3-2	B	30"x24"	45"x36"	45"x36"
	NYM3-3	B	30"x24"	45"x36"	45"x36"

WORK ZONE TRAFFIC CONTROL SIGN TABLE					
SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY
	NYR9-11	B	24"x42"	48"x84"	48"x84"
	NYR9-12	B	24"x36"	36"x54"	48"x72"
	NYW4-17	A	36"x36"	48"x48"	48"x48"
	NYW8-30	A	48"x24"	48"x24"	48"x24"
	NYW8-31	A	48"x24"	48"x24"	48"x24"
	NYW8-32	A	48"x24"	48"x24"	48"x24"
	NYW8-33	A	48"x24"	48"x24"	48"x24"
	R1-1	D	36"x36"	36"x36"	48"x48"
	R1-2	E	36"x36"x36"	48"x48"x48"	60"x60"x60"
	R2-1	B	24"x30" OR 30"x36" (SEE NOTE 5)	36"x48"	36"x48"
	R2-11	B	24"x30"	36"x48"	36"x48"
	R2-12	B	24"x36"	36"x54"	36"x54"
	R4-1	B	24"x30"	36"x48"	36"x48"
	R4-7	B	24"x30"	36"x48"	36"x48"
	R4-7c NARROW	B	18"x30"	-----	-----
	R4-8	B	24"x30"	36"x48"	36"x48"
	R4-8c NARROW	B	18"x30"	-----	-----
	R4-9	B	24"x30"	36"x48"	36"x48"
	R5-1	E	36"x36"	36"x36"	48"x48"
	R9-8	B	36"x18"	36"x18"	-----
	R9-9	B	24"x12"	24"x12"	-----
	R9-10L	B	24"x12"	24"x12"	-----
	R9-10R				
	R9-11L	B	24"x18"	24"x18"	-----
	R9-11R				
	R9-11dL	B	24"x12"	24"x12"	-----
	R9-11dR				
	R10-6	B	24"x36"	24"x36"	-----
	R11-2	B	48"x30"	48"x30"	48"x30"

WORK ZONE TRAFFIC CONTROL SIGN TABLE					
SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY
	R11-3a	B	60"x30"	60"x30"	-----
	W1-4L	A	36"x36"	48"x48"	48"x48"
	W1-4R	A	36"x36"	48"x48"	48"x48"
	W1-4bL	A	36"x36"	48"x48"	48"x48"
	W1-4bR	A	36"x36"	48"x48"	48"x48"
	W1-4cL	A	36"x36"	48"x48"	48"x48"
	W1-4cR	A	36"x36"	48"x48"	48"x48"
	W1-6L	A	48"x24"	60"x30"	60"x30"
	W1-6R	A	48"x24"	60"x30"	60"x30"
	W1-8L	A (NO BORDER)	18"x24"	30"x36"	30"x36"
	W1-8R	A (NO BORDER)	18"x24"	30"x36"	30"x36"
	W3-1	A <sup>4</sup>	36"x36"	48"x48"	48"x48"
	W3-2	A <sup>4</sup>	36"x36"	48"x48"	48"x48"
	W3-3	A <sup>4</sup>	36"x36"	48"x48"	48"x48"
	W3-4	A	36"x36"	48"x48"	48"x48"
	W3-5	A <sup>4</sup>	36"x36"	48"x48"	48"x48"
	W4-1L	A	36"x36"	48"x48"	48"x48"
	W4-1R	A	36"x36"	48"x48"	48"x48"
	W4-2L	A	36"x36"	48"x48"	48"x48"
	W4-2R	A	36"x36"	48"x48"	48"x48"

ROADWAY DEFINITIONS:

CONVENTIONAL ROAD - A STREET OR HIGHWAY OTHER THAN A FREEWAY, OR EXPRESSWAY.

EXPRESSWAY - A DIVIDED HIGHWAY WITH PARTIAL CONTROL OF ACCESS.

FREEWAY - A DIVIDED HIGHWAY WITH FULL CONTROL OF ACCESS.

COLOR CODE LEGEND	
CODE	DESCRIPTION
A	BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND
B	BLACK LEGEND AND BORDER ON A WHITE BACKGROUND
C	WHITE LEGEND AND BORDER ON A GREEN BACKGROUND
D	WHITE LEGEND AND BORDER ON A RED BACKGROUND
E	RED LEGEND AND BORDER ON A WHITE BACKGROUND
F	BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW GREEN BACKGROUND
G	WHITE LEGEND AND BORDER ON A BLUE AND RED BACKGROUND

NOTES:

- DIMENSIONS ARE SHOWN AS WIDTH X HEIGHT.
- FOR SIGNAGE NOT SHOWN ON THESE TABLES REFER TO THE M.U.T.C.D.
- COLORS FOR DIRECTION PLAQUES, ADVANCE TURN ARROWS, AND DIRECTIONAL ARROWS SHALL MATCH THE ROUTE OR INTERSTATE SIGN THAT THEY SUPPLEMENT AS PER THE M.U.T.C.D.
- MULTICOLORED SYMBOL IMPOSED ON SIGN WITH BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND.
- FOR R2-1 SIGN LARGER DIMENSIONS SHALL BE USED WHEN SIGN FACES MULTIPLE LANES ON A CONVENTIONAL ROAD.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

SIGN TABLE  
(SHEET 1 OF 2)

APPROVED APRIL 1, 2012

ISSUED UNDER EB 12-010

/S/ TODD WESTHUIS, P.E.

DIRECTOR, OFFICE OF




















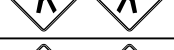
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















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CONTRACT NO.: H62153-14G

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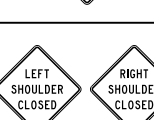
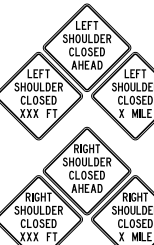

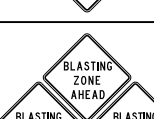



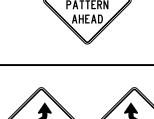


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WORK ZONE TRAFFIC CONTROL SIGN TABLE					
SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY
	W5-1	A	36"X36"	48"X48"	48"X48"
	W5-4	A	36"X36"	48"X48"	48"X48"
	W6-3	A	36"X36"	48"X48"	48"X48"
	W7-3aP	A	24"X18"	36"X30"	36"X30"
	W8-1	A	36"X36"	48"X48"	48"X48"
	W8-3	A	36"X36"	48"X48"	48"X48"
	W8-7	A	36"X36"	48"X48"	48"X48"
	W8-8	A	36"X36"	48"X48"	48"X48"
	W8-9	A	36"X36"	48"X48"	48"X48"
	W8-12	A	36"X36"	-----	-----
	W8-14	A	36"X36"	48"X48"	48"X48"
	W8-15	A	36"X36"	48"X48"	48"X48"
	W8-17	A	36"X36"	48"X48"	48"X48"
	W8-17p	A	24"X18"	30"X24"	30"X24"
	W8-23	A	36"X36"	48"X48"	48"X48"
	W8-24	A	36"X36"	48"X48"	48"X48"
	W9-3	A	36"X36"	48"X48"	48"X48"
	W11-1L W11-1R	A OR F	36"X36"	36"X36"	-----
	W11-2L W11-2R	F	36"X36"	36"X36"	-----
	W11-15L W11-15R	F	36"X36"	36"X36"	-----

WORK ZONE TRAFFIC CONTROL SIGN TABLE					
SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY
	W13-1P	A	24"X24"	30"X30"	30"X30"
	W14-3	A	36"X36"	36"X36"	36"X36"
	W13-4P	A	48"X48"X36"	-----	-----
	W16-1P	SEE NOTE 3 A OR F	18"X24"	24"X30"	-----
	W16-2P	A	24"X18"	30"X24"	-----
	W16-4P	SEE NOTE 3 A OR F	30"X24"	-----	-----
	W16-5PL W16-5PR	A	24"X18"	-----	-----
	W16-7PL W16-7PR	SEE NOTE 3 A OR F	24"X12"	30"X18"	-----
	W16-9P	SEE NOTE 3 A OR F	24"X12"	30"X18"	-----
	W20-1	A	36"X36"	48"X48"	48"X48"
	W20-2	A	36"X36"	48"X48"	48"X48"
	W20-3	A	36"X36"	48"X48"	48"X48"
	W20-4	A	36"X36"	48"X48"	48"X48"
	W20-5	A	36"X36"	48"X48"	48"X48"
	W20-5	A	36"X36"	48"X48"	48"X48"
	W20-5a	A	36"X36"	48"X48"	48"X48"
	W20-5a	A	36"X36"	48"X48"	48"X48"
	W20-7	A	36"X36"	48"X48"	48"X48"

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WORK ZONE TRAFFIC CONTROL SIGN TABLE					
SIGN	SIGN DESIGNATION	COLOR CODE	CONVENTIONAL ROAD	EXPRESSWAY	FREEWAY
	W21-1	A	36"X36"	48"X48"	48"X48"
	W21-4	A	36"X18"	48"X24"	48"X24"
	W21-5	A	36"X36"	48"X48"	48"X48"
	W21-5aL W21-5aR	A	36"X36"	48"X48"	48"X48"
	W21-5bL W21-5bR	A	36"X36"	48"X48"	48"X48"
	W21-8	A	36"X36"	48"X48"	48"X48"
	W22-1	A	36"X36"	48"X48"	48"X48"
	W22-2	A	42"X36"	42"X36"	42"X36"
	W22-3	A	42"X36"	42"X36"	42"X36"
	W23-2	A	36"X36"	48"X48"	48"X48"
	W24-1L W24-1R	A	36"X36"	48"X48"	48"X48"
	W24-1aL W24-1aR	A	36"X36"	48"X48"	48"X48"
	W24-1bL W24-1bR	A	36"X36"	48"X48"	48"X48"

ROADWAY DEFINITIONS:

CONVENTIONAL ROAD - A STREET OR HIGHWAY OTHER THAN A FREEWAY, OR EXPRESSWAY.

EXPRESSWAY - A DIVIDED HIGHWAY WITH PARTIAL CONTROL OF ACCESS.

FREEWAY - A DIVIDED HIGHWAY WITH FULL CONTROL OF ACCESS.

COLOR CODE LEGEND	
CODE	DESCRIPTION
A	BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND
B	BLACK LEGEND AND BORDER ON A WHITE BACKGROUND
C	WHITE LEGEND AND BORDER ON A GREEN BACKGROUND
D	WHITE LEGEND AND BORDER ON A RED BACKGROUND
E	RED LEGEND AND BORDER ON A WHITE BACKGROUND
F	BLACK LEGEND AND BORDER ON A FLOURESCENT YELLOW GREEN BACKGROUND
G	WHITE LEGEND AND BORDER ON A BLUE AND RED BACKGROUND

NOTES:

- DIMENSIONS ARE SHOWN AS WIDTH X HEIGHT.
- FOR SIGNAGE NOT SHOWN ON THESE TABLES REFER TO THE M.U.T.C.D.
- WHEN USED IN CONJUNCTION WITH A BICYCLE SIGN (W11-1) OR PEDESTRIAN CROSSING (W11-2) COLOR CODE SHALL MATCH.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

SIGN TABLE  
(SHEET 2 OF 2)

APPROVED APRIL 1, 2012

ISSUED UNDER EB 12-010

/S/ TODD WESTHUIS, P.E.

DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

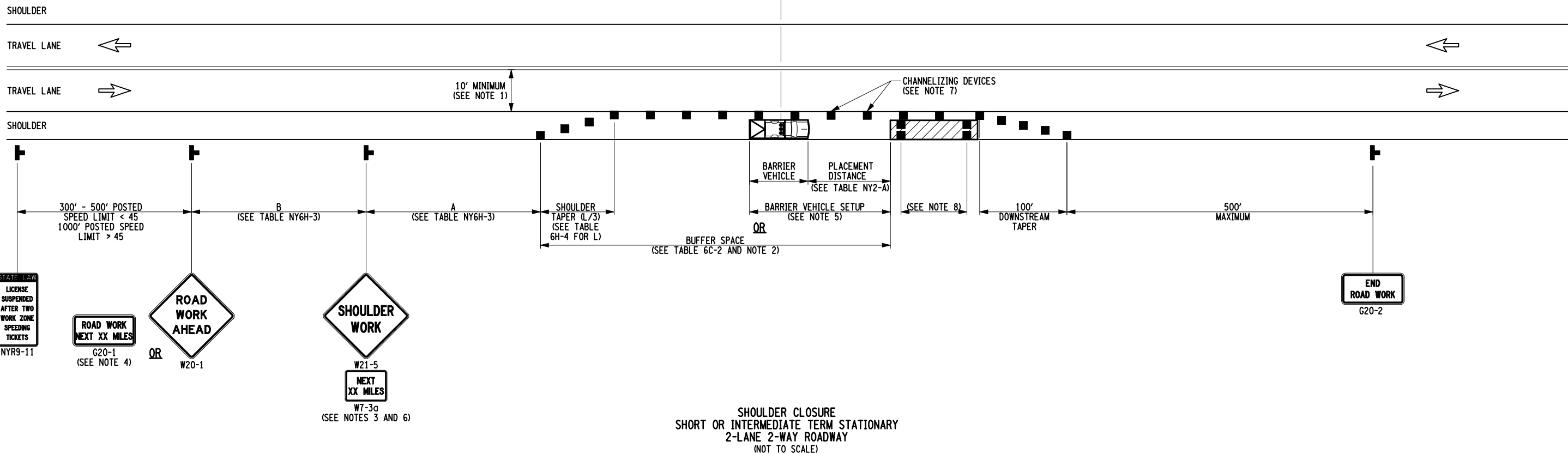
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CONTRACT NO.: H62153-14G

PRN. 0701.07

EFFECTIVE DATE: 05/03/2012

FILE NAME = 619-20\_010710.dgn  
DATE/TIME = 09-OCT-2009 10:46  
USER = jturley



NOTES:

1. WHEN THE MINIMUM LANE WIDTH OF 10' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM STATIONARY FLAGGING OPERATION.
2. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
3. WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS 2 MILES TO 5 MILES, A SUPPLEMENTAL DISTANCE PLAQUE (W7-3a) SHOULD BE USED WITH THE SHOULDER WORK SIGN (W21-5).
4. THE ROAD WORK NEXT XX MILES SIGN (G20-1) MAY BE USED INSTEAD OF THE ROAD WORK AHEAD SIGN (W20-1) IF WORK LOCATIONS OCCUR OVER A DISTANCE OF MORE THAN 2 MILES.
5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
6. IN THOSE SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A LIMITED DISTANCE MAKE IT PRACTICAL TO PLACE STATIONARY SIGNS, THE DISTANCE BETWEEN THE ADVANCE WARNING SIGN AND WORK SHALL NOT EXCEED 5 MILES.
7. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
8. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

SHOULDER CLOSURE  
2-LANE 2-WAY ROADWAY

APPROVED SEPTEMBER 15, 2009

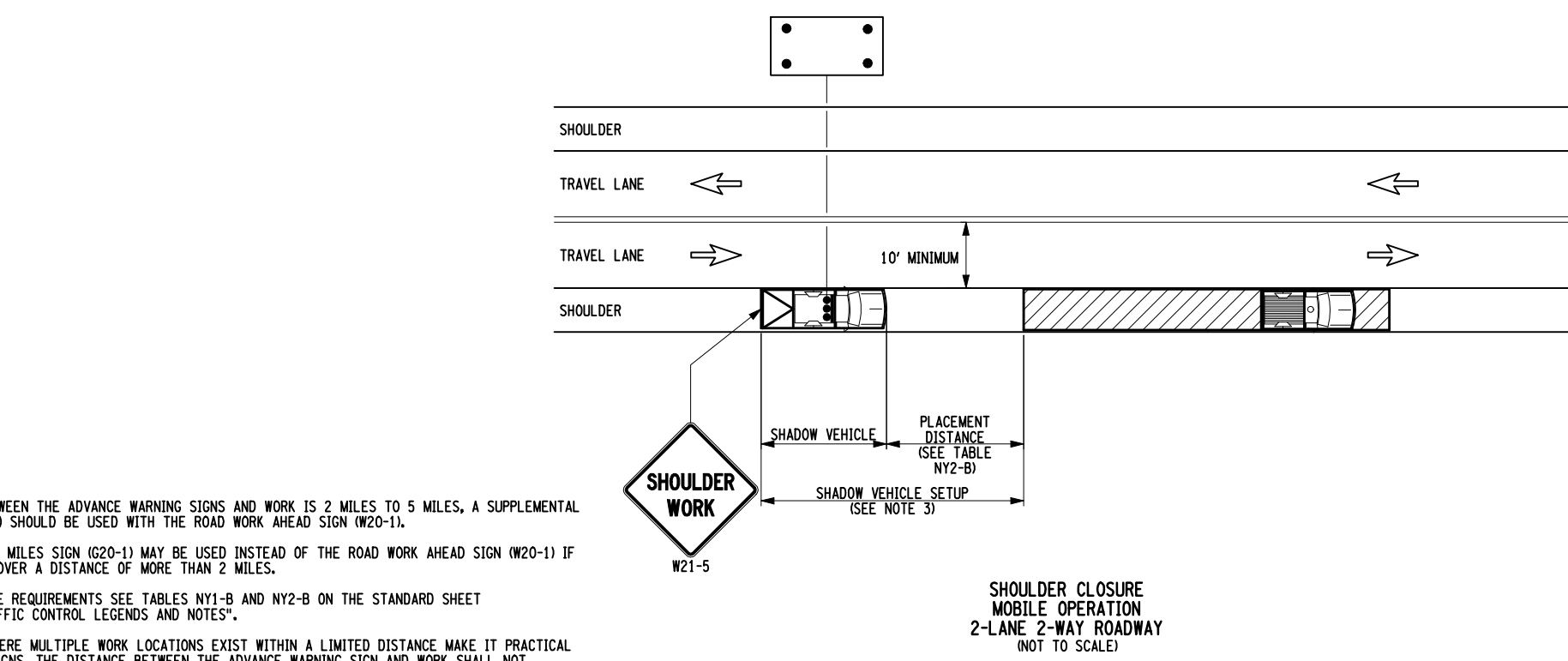
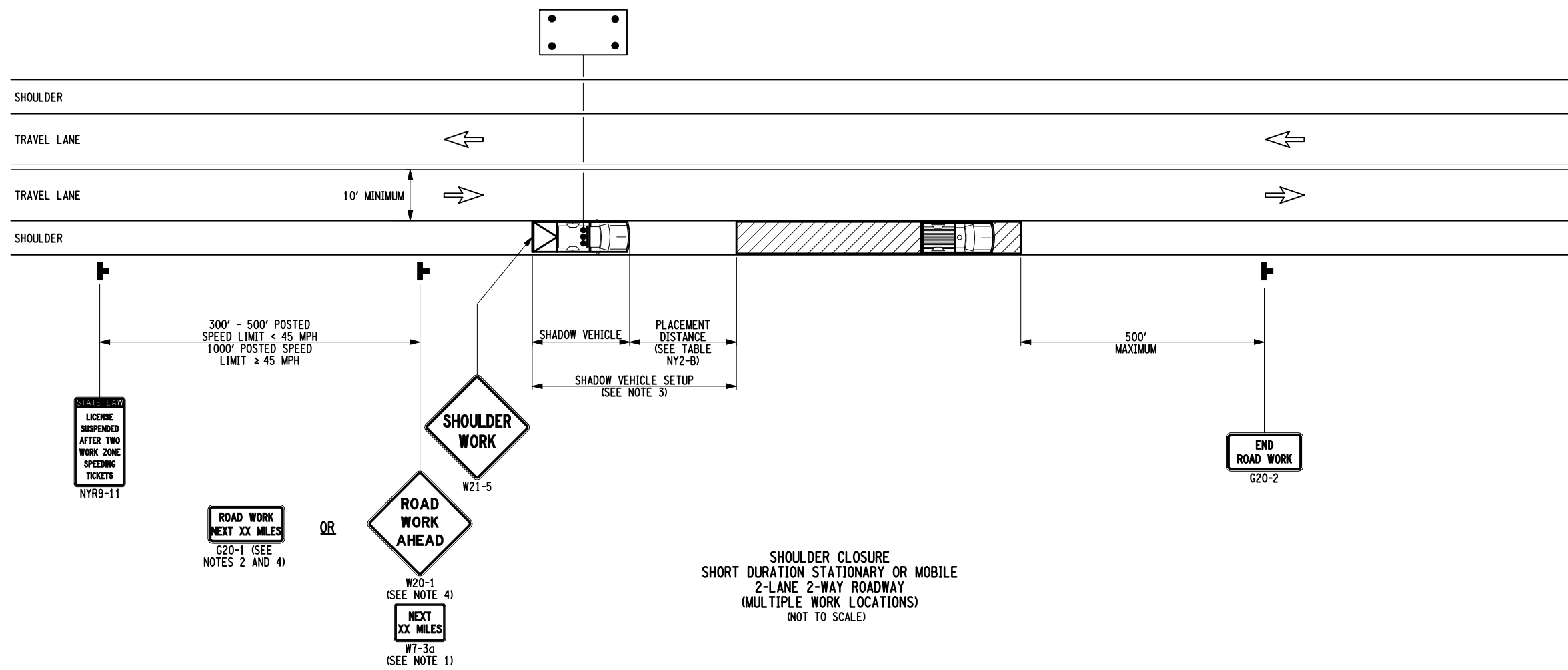
ISSUED UNDER EB 09-025

/S/ DAVID J. CLEMENTS, P.E.

DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

619-20

CONTRACT NO.: H62153-14G  
PIN: 0764.67



- NOTES:
1. WHEN THE DISTANCE BETWEEN THE ADVANCE WARNING SIGNS AND WORK IS 2 MILES TO 5 MILES, A SUPPLEMENTAL DISTANCE PLAQUE (W7-3a) SHOULD BE USED WITH THE ROAD WORK AHEAD SIGN (W20-1).
  2. THE ROAD WORK NEXT XX MILES SIGN (G20-1) MAY BE USED INSTEAD OF THE ROAD WORK AHEAD SIGN (W20-1) IF WORK LOCATIONS OCCUR OVER A DISTANCE OF MORE THAN 2 MILES.
  3. FOR SHADOW VEHICLE USE REQUIREMENTS SEE TABLES NY1-B AND NY2-B ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
  4. IN THOSE SITUATIONS WHERE MULTIPLE WORK LOCATIONS EXIST WITHIN A LIMITED DISTANCE MAKE IT PRACTICAL TO PLACE STATIONARY SIGNS, THE DISTANCE BETWEEN THE ADVANCE WARNING SIGN AND WORK SHALL NOT EXCEED 5 MILES.

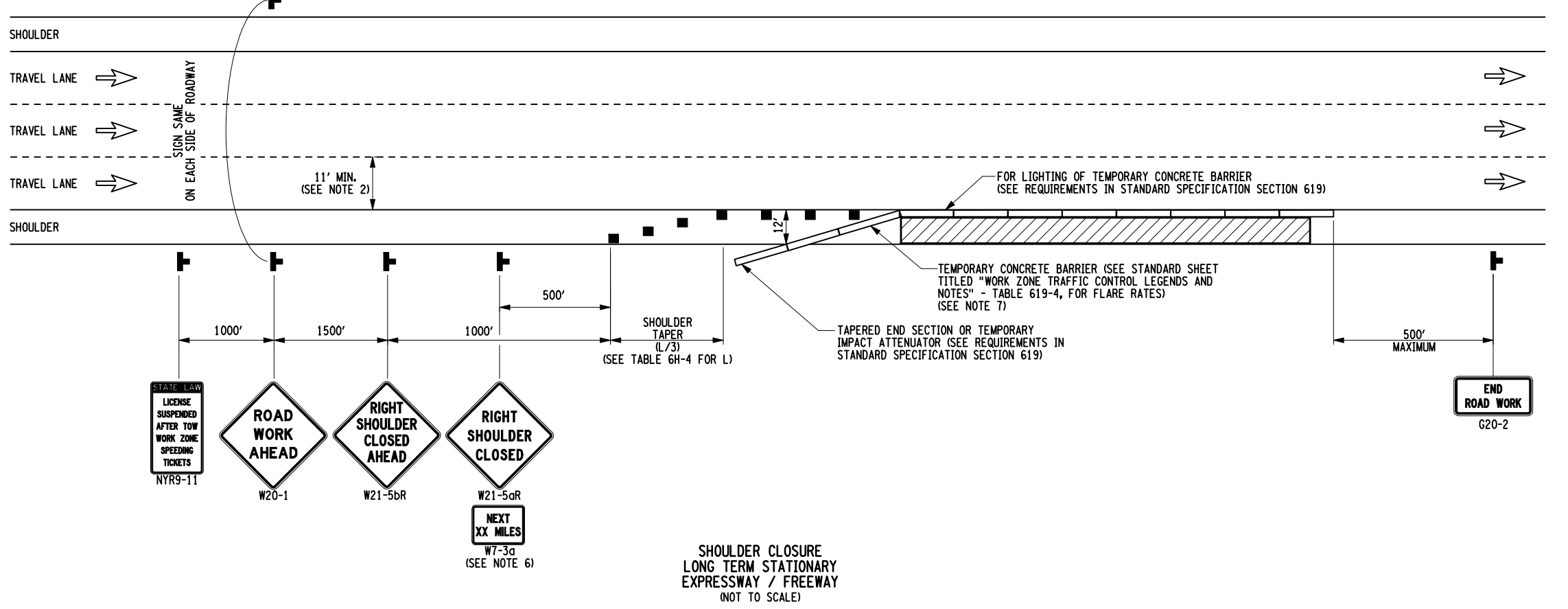
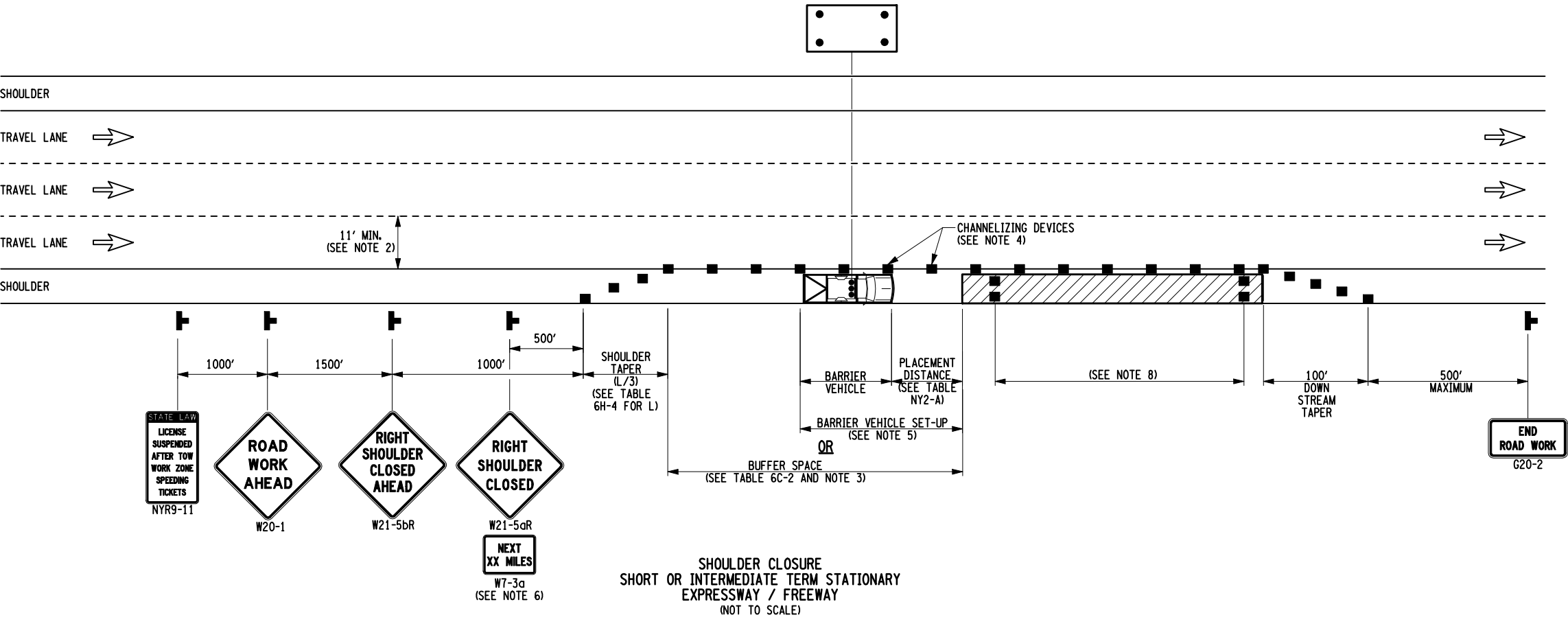
NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
U.S. CUSTOMARY STANDARD SHEET	
SHOULDER CLOSURE 2-LANE 2-WAY ROADWAY MULTIPLE WORK LOCATIONS	
APPROVED SEPTEMBER 15, 2009 /S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY	ISSUED UNDER EB 09-025 619-21 CONTRACT NO.: H62153-14G PIN: 0761.67

FILE NAME = 619-21\_010710.dgn  
DATE/TIME = 09-OCT-2009 10:46  
USER = jturley




FILE NAME = IP\_PWP-d0109553\619-22.dgn  
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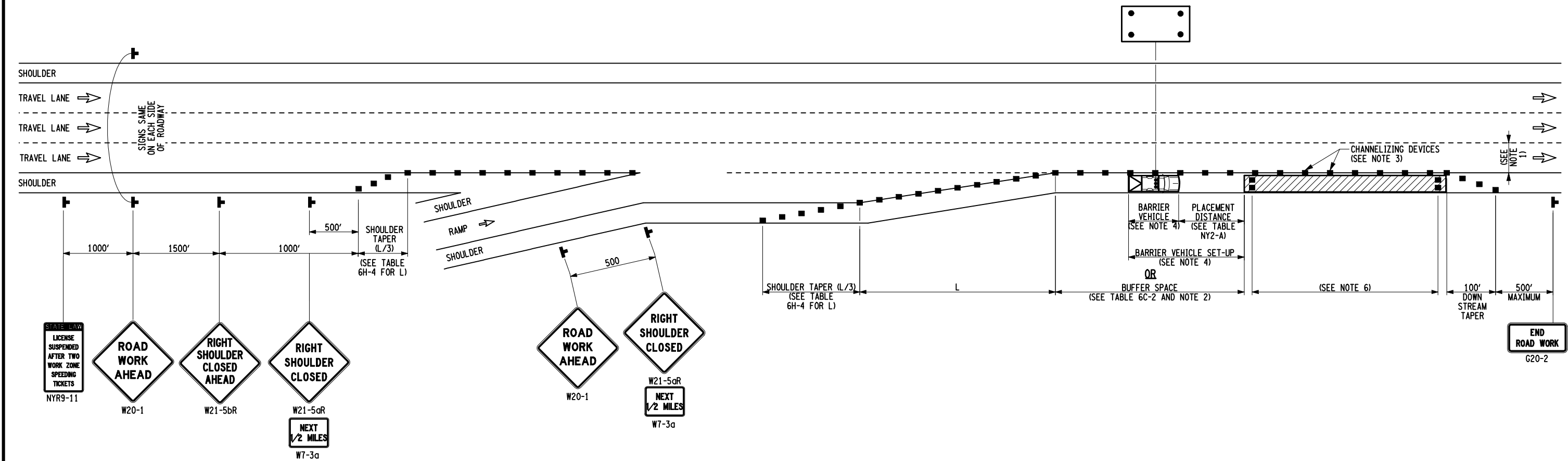


- NOTES:
1. LEFT SHOULDER CLOSURES ARE SYMMETRICAL. SUBSTITUTE LEFT SHOULDER CLOSED AHEAD SIGN (W21-5bL) AND LEFT SHOULDER CLOSED SIGN (21-5dL) FOR RIGHT SHOULDER CLOSED SIGNS (W21-5bR AND W21-5dR).
  2. WHEN THE MINIMUM LANE WIDTH OF 11' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAILS FOR SHORT, INTERMEDIATE, OR LONG TERM, STATIONARY SINGLE LANE CLOSURES.
  3. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
  4. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
  5. FOR SHADOW VEHICLE USE REQUIREMENTS SEE TABLES NY1-B AND NY2-B ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
  6. THE "NEXT X MILE" SUPPLEMENTAL SIGN (W7-3a) IS REQUIRED WHEN THE SHOULDER IS CLOSED FOR A DISTANCE GREATER THAN 2 MILES.
  7. THE TEMPORARY CONCRETE BARRIER SHALL NOT BE PLACED ALONG THE MERGING TAPER. THE SHOULDER SHALL BE CLOSED USING CHANNELIZING DEVICES.
  8. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.

	
STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
U.S. CUSTOMARY STANDARD SHEET	
SHOULDER CLOSURE EXPRESSWAY / FREEWAY	
APPROVED SEPTEMBER 18, 2008	ISSUED UNDER EB 08-036
/S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF CONTRACT NO.: H62153-14G TRAFFIC SAFETY AND MOBILITY	
619-22 PIN: 0761.67	

FILE NAME = IP\_PWP-0109553\619-23.dgn  
DATE/TIME = 06-NOV-2008 15:04  
USER = jturley



SHOULDER CLOSURE  
SHORT OR INTERMEDIATE TERM STATIONARY  
EXPRESSWAY / FREEWAY / WITH APPROACH RAMP  
(NOT TO SCALE)

NOTES:

1. WHEN THE MINIMUM LANE WIDTH OF 11' CANNOT BE MAINTAINED DUE TO A SHOULDER CLOSURE, USE THE DETAIL FOR SHORT OR INTERMEDIATE TERM, STATIONARY SINGLE LANE CLOSURE NEAR ENTRANCE RAMP.
2. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
3. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
4. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
5. THE "NEXT X MILE" SUPPLEMENTAL SIGN (W7-3a) IS REQUIRED WHEN THE SHOULDER IS CLOSED FOR A DISTANCE GREATER THAN 2 MILES.
6. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

SHOULDER CLOSURE  
EXPRESSWAY / FREEWAY RAMP APPROACH

APPROVED SEPTEMBER 18, 2008

ISSUED UNDER EB 08-036

/S/ DAVID J. CLEMENTS, P.E.

DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

CONTRACT NO.: H62153-14G

619-23

FIN: 0761.67




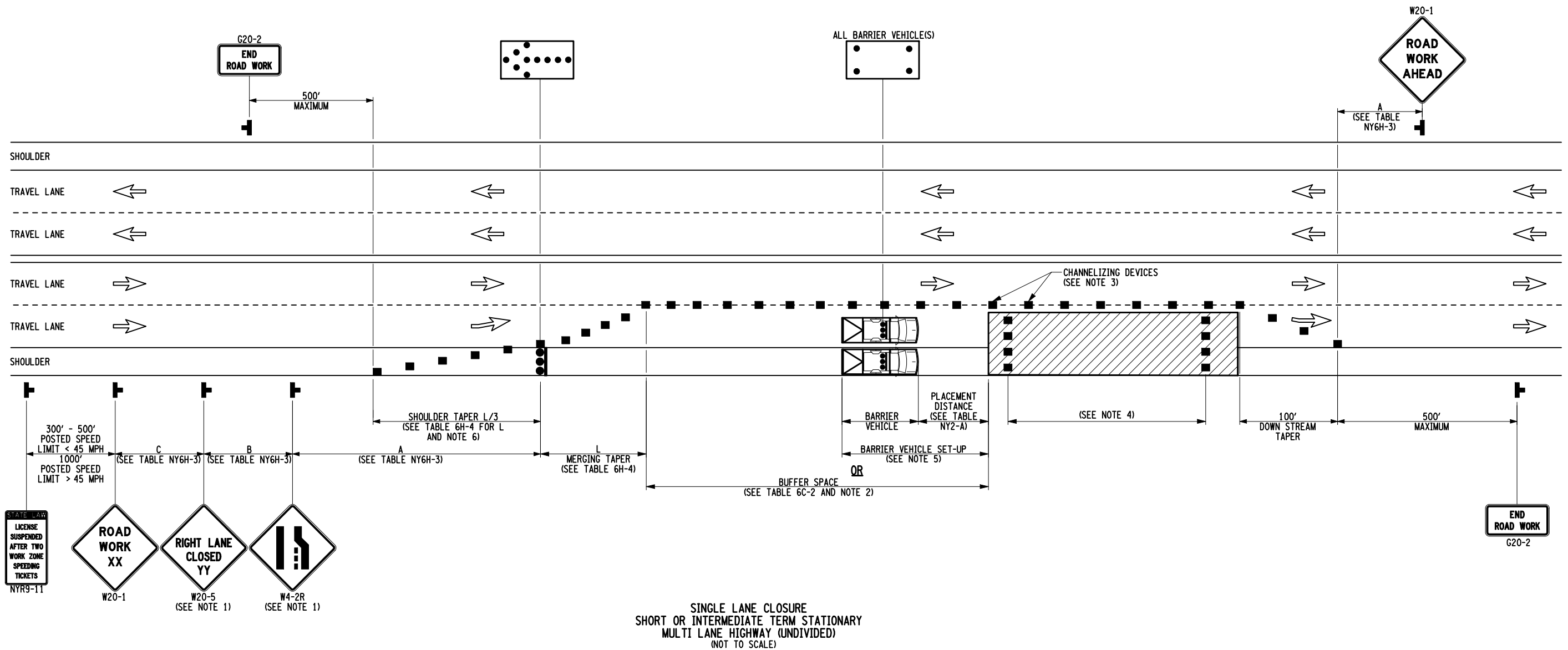
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USER = jturley

NOTES:

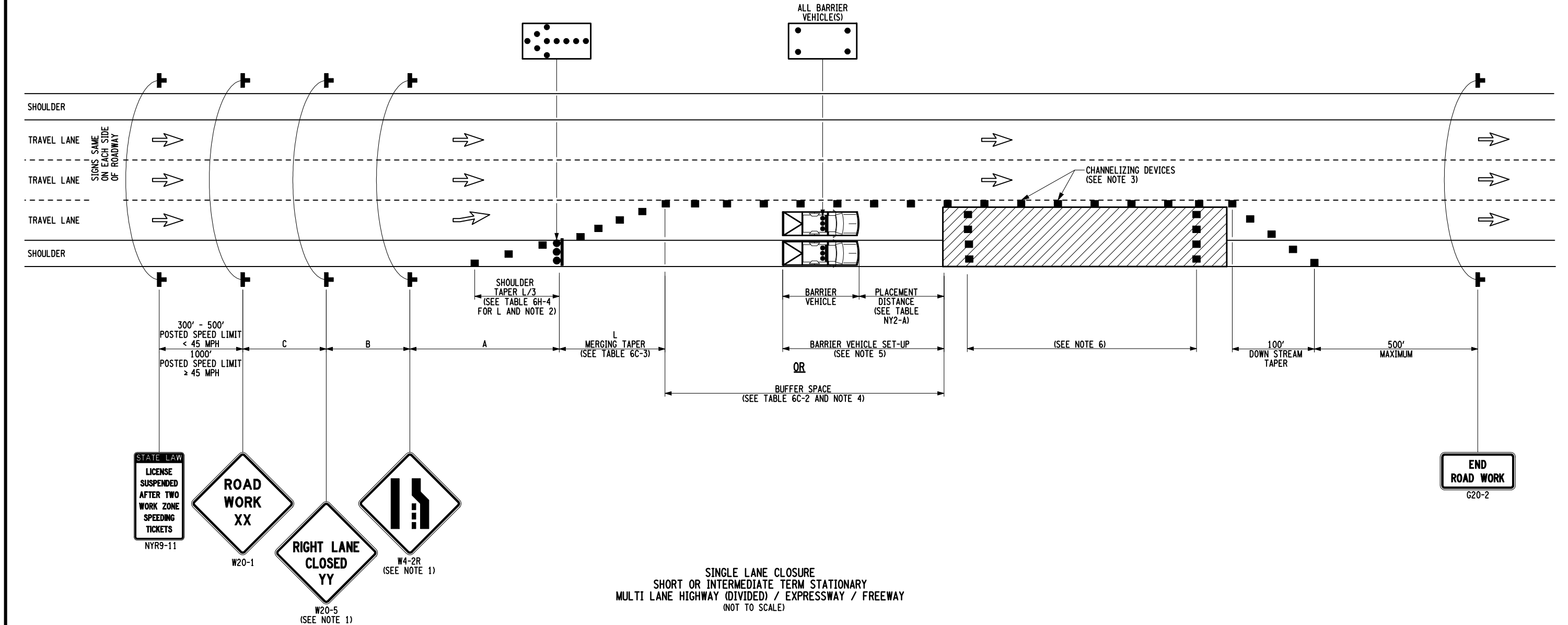
1. LEFT LANE CLOSURES ARE SYMMETRICAL TO RIGHT LANE CLOSURES. SUBSTITUTE LEFT LANE CLOSED SIGN (W20-5) AND THE CORRESPONDING LANE ENDS SIGN (W4-2L).
2. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
3. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
4. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.
5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
6. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND TO DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVELED WAY.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.

	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET	
SINGLE LANE CLOSURE MULTI LANE HIGHWAY	
APPROVED SEPTEMBER 18, 2008 /S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY	ISSUED UNDER EB 08-036 619-30 CONTRACT NO.: H62153-14G PIN: 0761.67



FILE NAME = IP\_PWP-0109553\619-31.dgn  
DATE/TIME = 06-NOV-2008 15:04  
USER = jturley



NOTES:

1. LEFT LANE CLOSURES ARE SYMMETRICAL TO RIGHT LANE CLOSURES. SUBSTITUTE LEFT LANE CLOSED SIGN (W20-5) AND THE CORRESPONDING LANE ENDS SIGN (W4-2L).
2. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND TO DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVELED WAY.
3. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
4. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
6. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

SINGLE LANE CLOSURE  
MULTI LANE DIVIDED HIGHWAY

APPROVED SEPTEMBER 18, 2008

ISSUED UNDER EB 08-036

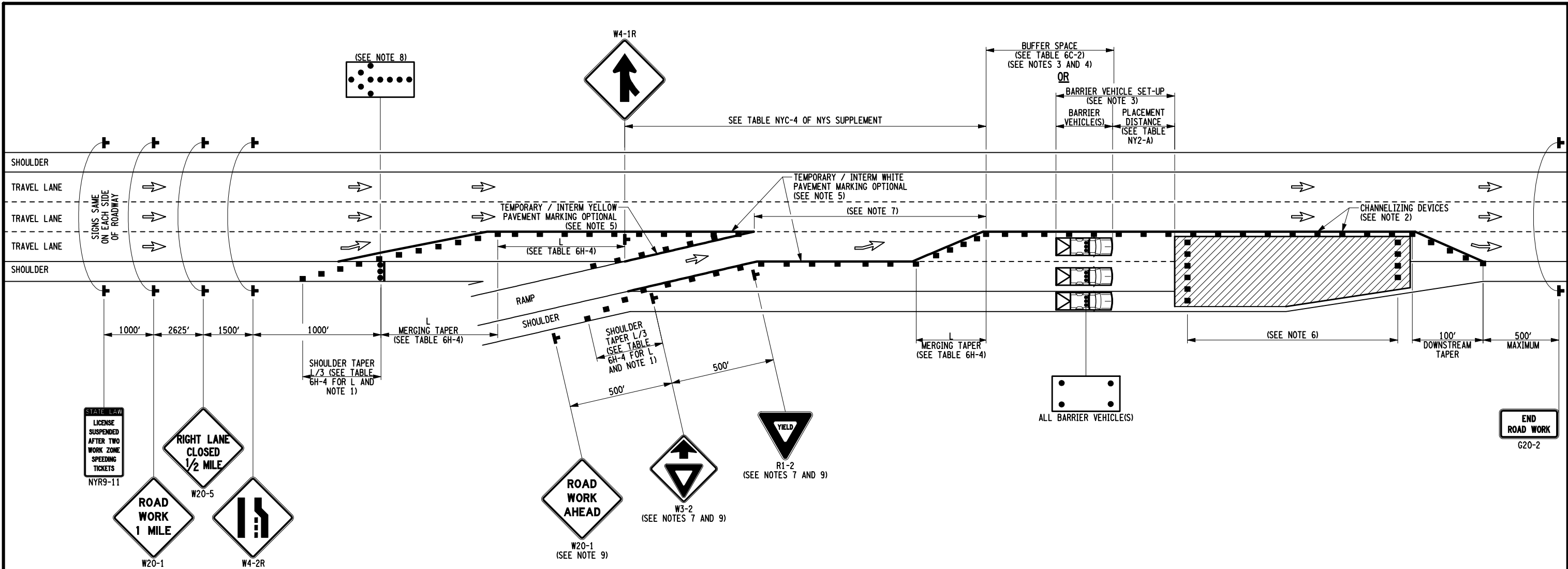
/S/ DAVID J. CLEMENTS, P.E.

DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

CONTRACT NO.: H62153-14G  
PIN: 0761.67

619-31

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USER = jturley



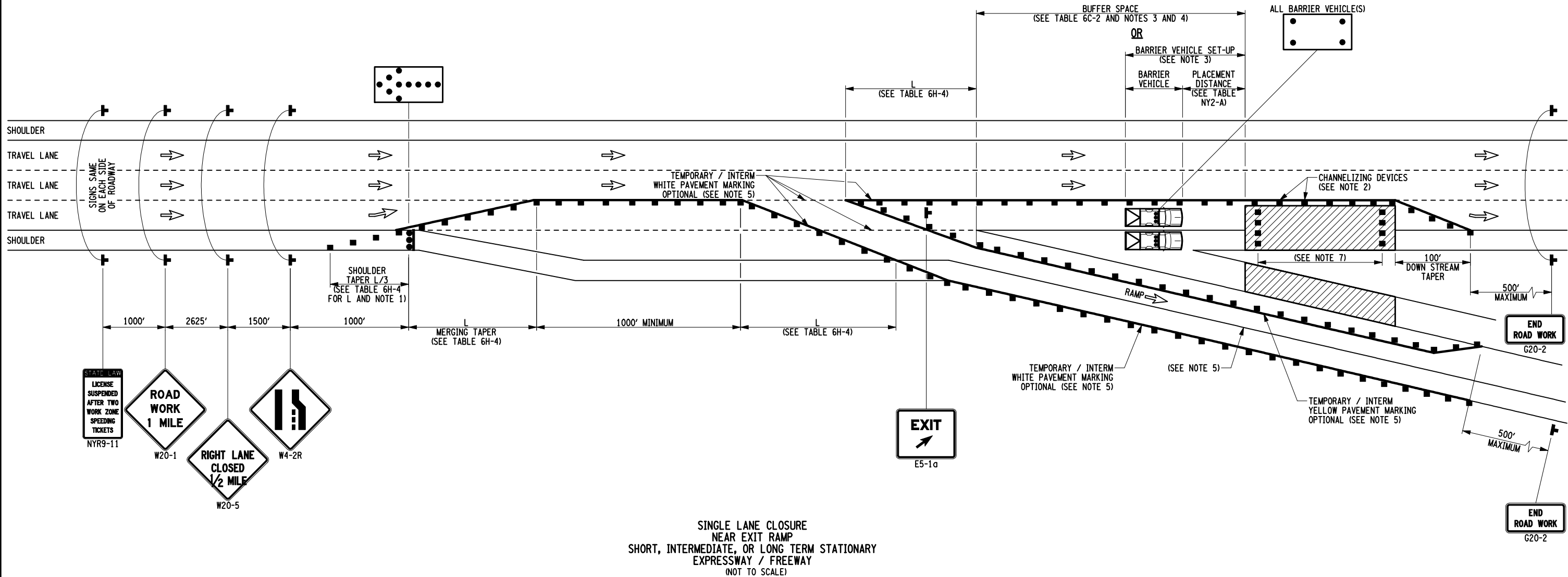
NOTES:

1. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND TO DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVELED WAY.
2. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
3. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
4. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
5. FOR LONG DURATION LANE CLOSURES, TEMPORARY / INTERIM PAVEMENT MARKINGS SHALL BE USED IN ACCORDANCE TO THE CONTRACT DOCUMENTS. ANY EXISTING PAVEMENT MARKINGS THAT ARE CONFLICTING OR MISLEADING SHALL BE REMOVED OR COVERED.
6. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.
7. CONTRACTOR SHALL PROVIDE ADEQUATE ACCELERATION DISTANCE FOR YIELD CONDITION AS PER THE CONTRACT PLANS.
8. MAINLINE MERGING TAPER WITH THE ARROW PANEL AT ITS STARTING POINT SHALL BE LOCATED SUFFICIENTLY IN ADVANCE SO THAT THE ARROW PANEL IS NOT VISIBLE TO DRIVERS ON THE ENTRANCE RAMP, AND SO THAT THE MAINLINE MERGING TRAFFIC FROM THE LANE CLOSURE HAS THE OPPORTUNITY TO STABILIZE BEFORE ENCOUNTERING THE VEHICULAR TRAFFIC MERGING FROM THE RAMP.
9. IF THE RAMP CURVES SHARPLY TO THE RIGHT, WARNING SIGNS WITH ADVISORY SPEED PLAQUES LOCATED IN ADVANCE OF THE ENTRANCE TERMINAL SHALL BE PLACED IN PAIRS (ONE ON EACH SIDE OF THE RAMP).

SINGLE LANE CLOSURE  
NEAR ENTRANCE RAMP  
SHORT, INTERMEDIATE, OR LONG TERM STATIONARY  
EXPRESSWAY / FREEWAY  
(NOT TO SCALE)

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.

	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET	
SINGLE LANE CLOSURE NEAR ENTRANCE RAMP EXPRESSWAY / FREEWAY	
APPROVED SEPTEMBER 15, 2009 /S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY	ISSUED UNDER EB 09-025 619-33 CONTRACT NO.: H62153-14G PIN: 0764.67



NOTES:

1. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND TO DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVELED WAY.
2. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
3. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
4. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
5. FOR LONG DURATION LANE CLOSURES, TEMPORARY / INTERIM PAVEMENT MARKINGS SHALL BE USED IN ACCORDANCE TO THE CONTRACT DOCUMENTS. ANY EXISTING PAVEMENT MARKINGS THAT ARE CONFLICTING OR MISLEADING SHALL BE REMOVED OR COVERED.
6. IF WORK ACTIVITY PERMITS, A MOVABLE BARRIER MAY BE USED AND RELOCATED TO THE SHOULDER.
7. DURING NON WORK PERIODS OR AS PEAK PERIOD VEHICULAR TRAFFIC CONDITIONS EXIST, WHEN MOVABLE BARRIER IS USED, THE TEMPORARY / INTERIM WHITE PAVEMENT MARKINGS SHALL NOT BE USED. DURING THE PERIOD WHEN THE RIGHT LANE IS OPENED, THE SIGN LEGENDS AND CHANNELIZATION SHALL BE CHANGED TO INDICATE THAT ONLY THE SHOULDER IS CLOSED AS SHOWN IN THE DETAIL "SHOULDER CLOSURE - LONG TERM STATIONARY - EXPRESSWAY / FREEWAY" ON THE STANDARD SHEET TITLED "SHOULDER CLOSURE EXPRESSWAY - FREEWAY". IN ADDITION, THE ARROW PANEL SHALL BE PLACED AT THE END OF THE SHOULDER TAPER AND SHALL DISPLAY IN THE CAUTION MODE.
8. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

SINGLE LANE CLOSURE NEAR EXIT RAMP  
EXPRESSWAY / FREEWAY

APPROVED SEPTEMBER 15, 2009

ISSUED UNDER EB 09-025

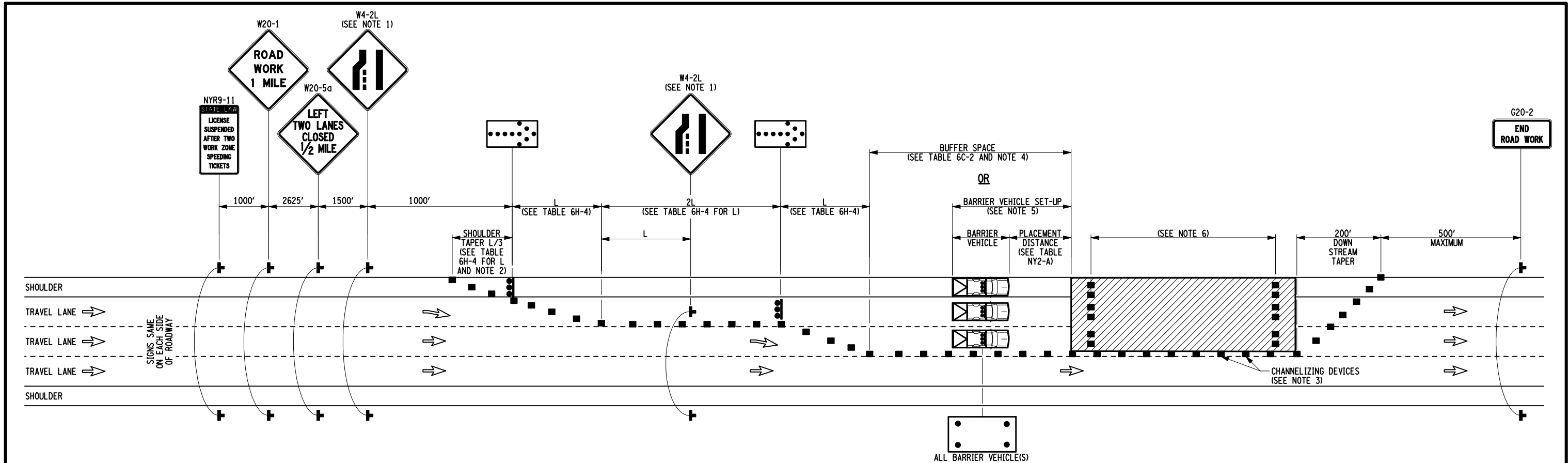
/S/ DAVID J. CLEMENTS, P.E.

DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

CONTRACT NO.: H62153-14G  
PIN: 0761.67

619-34

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USER = jturley



DOUBLE LANE CLOSURE  
SHORT OR INTERMEDIATE TERM STATIONARY  
FREEWAY / EXPRESSWAY  
(NOT TO SCALE)

NOTES:

1. RIGHT LANE CLOSURES ARE SYMMETRICAL TO LEFT LANE CLOSURES. SUBSTITUTE RIGHT TWO LANES CLOSED 1/2 MILE SIGN (W20-5a) AND THE CORRESPONDING LANE ENDS SIGN (W4-2R).
2. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND TO DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVELED WAY.
3. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
4. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
6. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.

	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET	
DOUBLE LANE CLOSURE EXPRESSWAY / FREEWAY	
APPROVED SEPTEMBER 18, 2008 /S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY	ISSUED UNDER EB 08-036 619-40 CONTRACT NO.: H62153-14G PIN: 0764.67



FILE NAME = IP\_PWP-06109553\619-41.dgn  
DATE/TIME = 06-NOV-2008 15:04  
USER = jturley

NOTES:

1. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
2. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
3. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.
4. FOR LONG DURATION LANE CLOSURES, TEMPORARY PAVEMENT MARKINGS SHALL BE USED IN ACCORDANCE TO THE CONTRACT DOCUMENTS. ANY EXISTING PAVEMENT MARKINGS THAT ARE CONFLICTING OR MISLEADING SHALL BE REMOVED OR COVERED.
5. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
6. FOR LOW SPEED, LOW VOLUME URBAN STREETS, THE LEFT LANE CLOSED XXX FT. SIGN (W20-5) CAN BE OMITTED AND THE ROAD WORK AHEAD SIGN (W20-1) RELOCATED TO THAT LOCATION.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

DOUBLE INTERIOR LANE CLOSURE  
MULTI LANE HIGHWAY

APPROVED SEPTEMBER 18, 2008

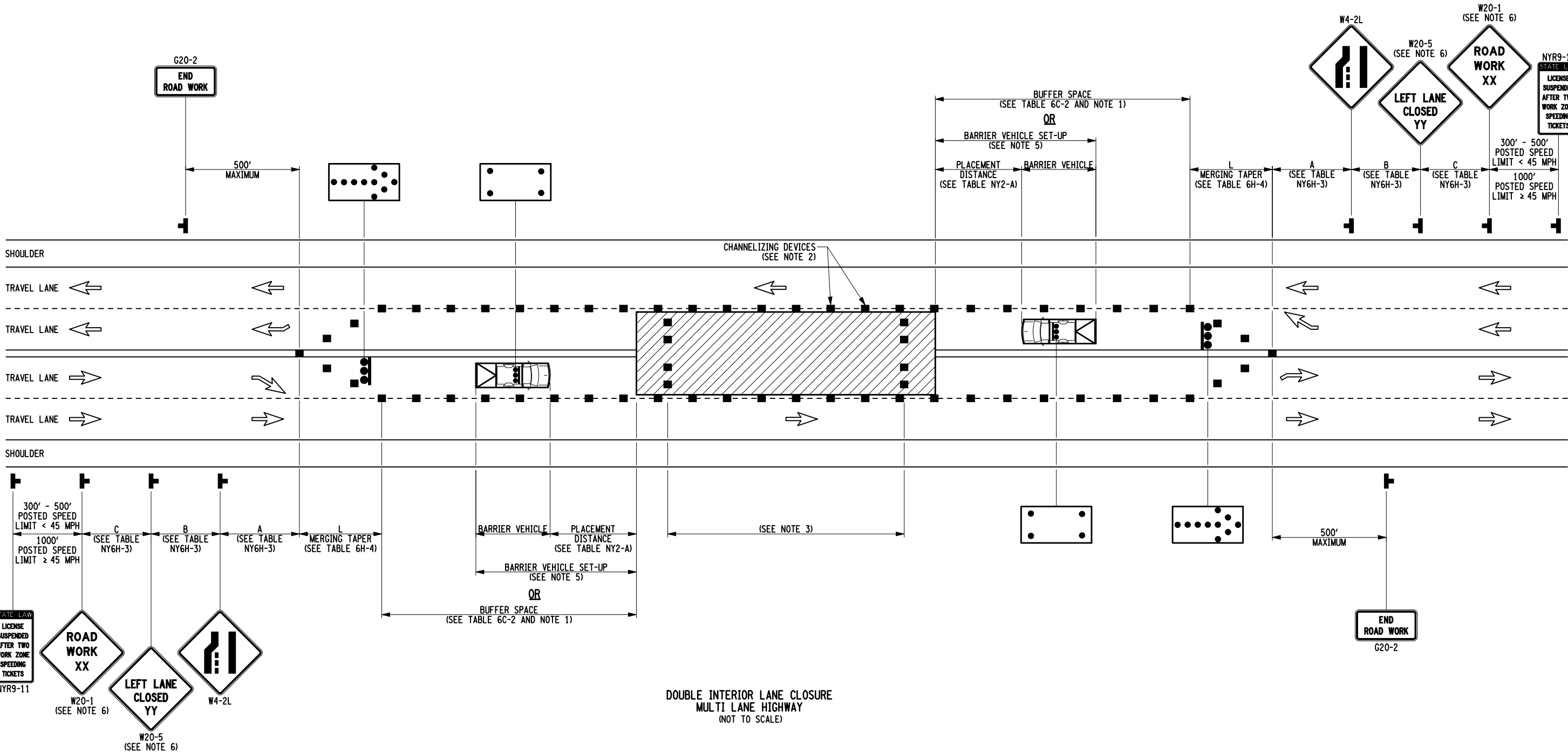
ISSUED UNDER EB 08-036

/S/ DAVID J. CLEMENTS, P.E.

DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

CONTRACT NO.: H62153-14G  
PIN: 0761.67

619-41



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NOTES:

1. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK AREA AND DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVEL WAY.
2. WHEN A SIDE ROAD OR DRIVEWAY INTERSECTS THE ROADWAY WITHIN A WORK ZONE TRAFFIC CONTROL AREA, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES AND/OR FLAGGERS SHALL BE PLACED AS NEEDED. ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK SPACE.
3. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
4. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
5. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.
6. THE END ROAD WORK SIGN (G20-2) SHALL BE PLACED A MAXIMUM OF 500' PAST THE END OF THE WORK SPACE.
7. WHERE DIRECTED BY THE ENGINEER, A BUFFER SPACE SHALL BE PROVIDED IN ORDER TO LOCATE THE ONE-LANE, TWO-WAY TRAFFIC TAPER PRIOR TO ANY HORIZONTAL OR VERTICAL CURVE, IN ORDER TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE FLAGGERS AND/OR A QUEUE OF STOPPED VEHICLES.
8. THE FLAG TREE SHALL BE LOCATED ON THE SHOULDER, AT APPROXIMATELY  $\frac{1}{2}$  THE DISTANCE BETWEEN THE FLAGGER SIGN (W20-7a) AND THE FLAGGER.
9. FLAGGER SIGN (W20-7a) AND ONE LANE ROAD AHEAD SIGN (W20-4) SHALL BE REMOVED, COVERED OR TURNED AWAY FROM ROAD USERS WHEN FLAGGING OPERATIONS ARE NOT OCCURRING.
10. FLAGGER AND FLAG TREE SHALL BE ILLUMINATED TO LEVEL II ILLUMINATION DURING NIGHT TIME OPERATIONS.
11. ALL FLAGGERS SHALL USE 24" (MIN.) OCTAGON SHAPED STOP/SLOW PADDLES HAVING 6' STAFF.
12. CENTERLINE CHANNELIZING DEVICES ARE OPTIONAL AND MAY BE ELIMINATED WHERE SPACE CONSTRAINTS EXIST.

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

FLAGGING OPERATION  
2-LANE 2-WAY ROADWAY

APPROVED SEPTEMBER 15, 2009

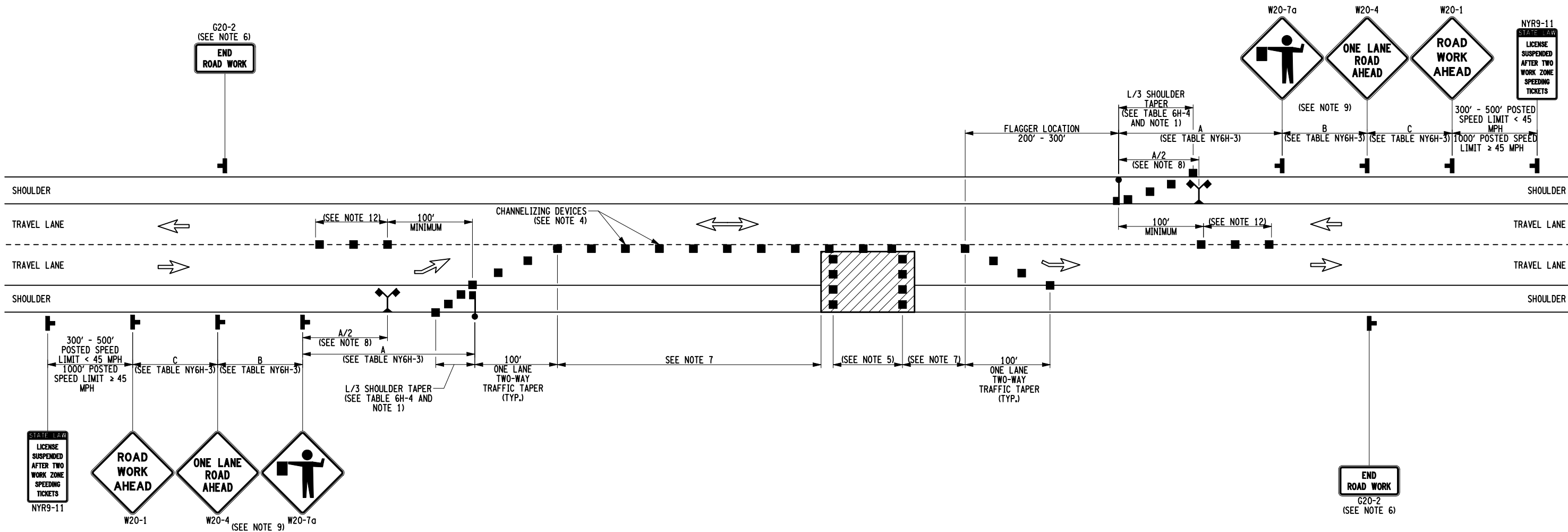
ISSUED UNDER EB 09-025

/S/ DAVID J. CLEMENTS, P.E.

DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

619-60

TRACT NO.: H62153-14G  
PIN: 0764.67

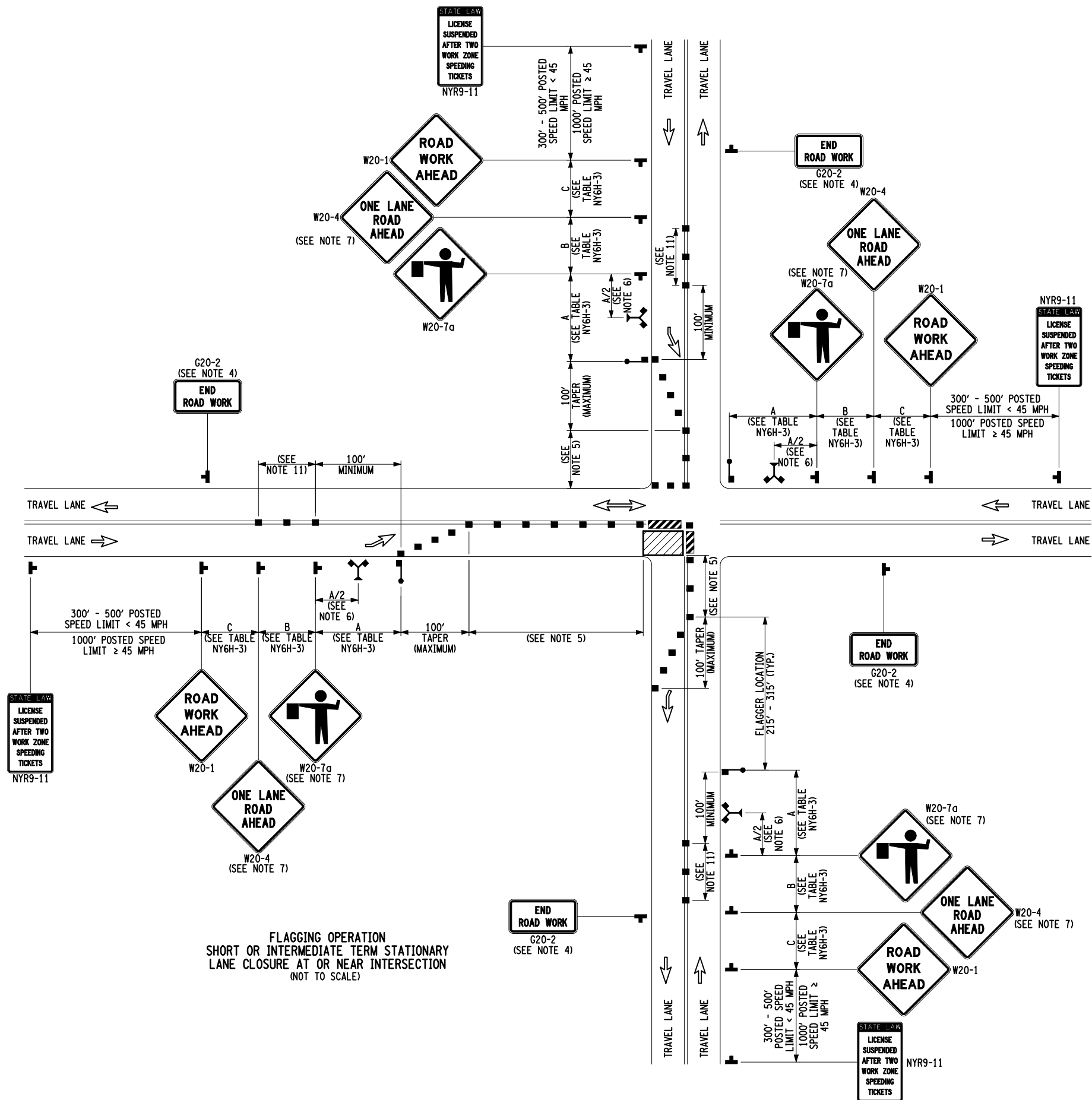


FLAGGING OPERATION  
SHORT OR INTERMEDIATE TERM STATIONARY  
LANE CLOSURE ON 2-LANE 2-WAY ROADWAY  
(NOT TO SCALE)

FILE NAME = IP\_PWP-0109553 619-61.dgn  
DATE/TIME = 06-NOV-2008 15:04  
USER = jturley

NOTES:

1. AT SIGNALIZED INTERSECTIONS, SIGNALS SHALL BE TURNED OFF FOR ANY FLAGGING OPERATIONS, UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
2. WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK AREA AND DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVEL WAY.
3. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
4. THE END ROAD WORK SIGN (G20-2) SHALL BE PLACED A MAXIMUM OF 500' PAST THE END OF THE WORK SPACE.
5. WHERE DIRECTED BY THE ENGINEER, A BUFFER SPACE SHALL BE PROVIDED IN ORDER TO LOCATE THE ONE-LANE, TWO-WAY TRAFFIC TAPER PRIOR TO ANY HORIZONTAL OR VERTICAL CURVE, IN ORDER TO PROVIDE ADEQUATE SIGHT DISTANCE FOR THE FLAGGERS AND/OR A QUEUE OF STOPPED VEHICLES.
6. THE FLAG TREE SHALL BE LOCATED ON THE SHOULDER, AT APPROXIMATELY  $\frac{1}{2}$  THE DISTANCE BETWEEN THE FLAGGER SIGN (W20-7a) AND THE FLAGGER.
7. FLAGGER SIGN (W20-7a) AND ONE LANE ROAD AHEAD SIGN (W20-4) SHALL BE REMOVED, COVERED OR TURNED AWAY FROM ROAD USERS WHEN FLAGGING OPERATIONS ARE NOT OCCURRING.
8. FLAGGER AND FLAG TREE SHALL BE ILLUMINATED TO LEVEL II ILLUMINATION DURING NIGHT TIME OPERATIONS.
9. ALL FLAGGERS SHALL USE 24" (MIN.) OCTAGON SHAPED STOP/SLOW PADDLES HAVING 6' STAFF.
10. ADDITIONAL FLAGGERS SHALL BE LOCATED AT ALL INTERSECTIONS AND COMMERCIAL DRIVEWAYS LOCATED WITHIN OR NEAR THE ACTIVE WORK AREA.
11. CENTERLINE CHANNELIZING DEVICES ARE OPTIONAL AND MAY BE ELIMINATED WHERE SPACE CONSTRAINTS EXIST.
12. NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
13. FOR PEDESTRIAN DETOUR ACCOMMODATIONS REFER TO THE STANDARD SHEETS TITLED "SIDEWALK DETOUR OR DIVERSION" AND "CROSSWALK CLOSURE AND PEDESTRIAN DETOUR".



NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.



STATE OF NEW YORK  
DEPARTMENT OF TRANSPORTATION

U.S. CUSTOMARY STANDARD SHEET

FLAGGING OPERATION  
2-LANE 2-WAY ROADWAY INTERSECTION

APPROVED SEPTEMBER 18, 2008

ISSUED UNDER EB 08-036

/S/ DAVID J. CLEMENTS, P.E.

DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

619-61

CONTRACT NO.: H62153-14G  
PIN: 0761.67


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NCDPW PAEMENT MARKING  
IMPROVEMENTS PHASE 11

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EFFECTIVE DATE: 01/08/09

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.

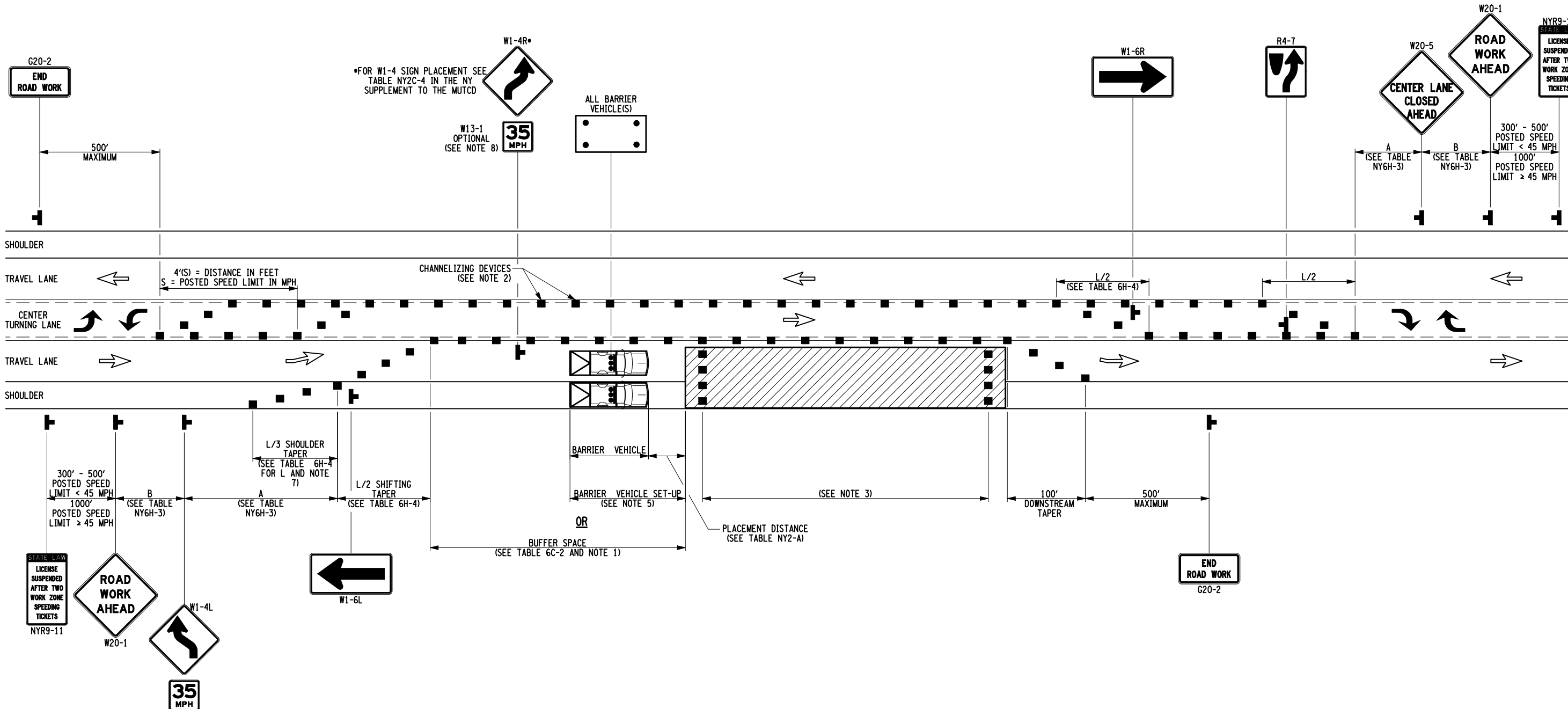
	
STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
U.S. CUSTOMARY STANDARD SHEET	
SINGLE LANE SHIFT 2-LANE 2-WAY ROADWAY WITH CENTER TURN LANE	
APPROVED SEPTEMBER 18, 2008	ISSUED UNDER EB 08-036
/S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY	
CONTRACT NO.: H62153-14G PIN: 0761.67	

NOTES:

- NO WORK ACTIVITY, EQUIPMENT, OR STORAGE OF VEHICLES, OR MATERIAL SHALL OCCUR WITHIN THE BUFFER SPACE AT ANY TIME.
- CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
- TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.
- FOR LONG DURATION LANE CLOSURES, TEMPORARY PAVEMENT MARKINGS SHALL BE USED IN ACCORDANCE TO THE CONTRACT DOCUMENTS. ANY EXISTING PAVEMENT MARKINGS THAT ARE CONFLICTING OR MISLEADING SHALL BE REMOVED OR COVERED.
- FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".

SINGLE LANE SHIFT  
SHORT OR INTERMEDIATE TERM STATIONARY  
2-LANE 2-WAY ROADWAY WITH CENTER TURN LANE  
(NOT TO SCALE)

- WHERE THE SHIFTED SECTION IS LONGER THAN 600', ONE SET OF REVERSE CURVE SIGNS SHOULD BE USED TO SHOW THE INITIAL SHIFT AND A SECOND SET SHOULD BE USED TO SHOW THE RETURN TO THE NORMAL ALIGNMENT. IF THE TANGENT DISTANCE ALONG THE TEMPORARY DIVERSION IS LESS THAN 600', THE DOUBLE REVERSE CURVE SIGN (W24-1L) SHOULD BE USED INSTEAD OF THE FIRST REVERSE CURVE SIGN (W1-4L) AND THE SECOND REVERSE CURVE SIGN (W1-4L) SHOULD BE OMITTED.
- WHEN PAVED SHOULDERS HAVING A WIDTH OF 8' OR MORE ARE CLOSED, CHANNELIZING DEVICES SHALL BE USED TO CLOSE THE SHOULDER IN ADVANCE TO DELINEATE THE BEGINNING OF THE WORK SPACE AND TO DIRECT VEHICULAR TRAFFIC TO REMAIN IN THE TRAVELED WAY.
- THE ENGINEER MAY REQUIRE THE USE OF AN ADVISORY SPEED PLAQUE (W13-1) TO SUPPLEMENT A WARNING SIGN. THE PLAQUE WILL BE USED TO INDICATE AN ADVISORY SPEED FOR THE WORK ZONE CONDITION. (IE. NARROW LANES, BUMPS, POOR ROADWAY SURFACE, LOW OR NO SHOULDER, DROP-OFFS, GEOMETRIC CONSTRAINTS, AND/OR POOR SIGHT CONDITIONS).



\*FOR W1-4 SIGN PLACEMENT SEE  
TABLE NY2C-4 IN THE NY  
SUPPLEMENT TO THE MUTCD

W13-1  
OPTIONAL  
(SEE NOTE 8)

ALL BARRIER  
VEHICLE(S)

CHANNELIZING DEVICES  
(SEE NOTE 2)

4'(S) = DISTANCE IN FEET  
S = POSTED SPEED LIMIT IN MPH

L/2  
(SEE TABLE 6H-4)

L/2

L/3 SHOULDER  
TAPER  
(SEE TABLE 6H-4  
FOR L AND NOTE  
7)

L/2 SHIFTING  
TAPER  
(SEE TABLE 6H-4)

BARRIER VEHICLE

BARRIER VEHICLE SET-UP  
(SEE NOTE 5)

(SEE NOTE 3)

100'  
DOWNSTREAM  
TAPER

500'  
MAXIMUM

PLACEMENT DISTANCE  
(SEE TABLE NY2-A)

OR  
BUFFER SPACE  
(SEE TABLE 6C-2 AND NOTE 1)

300' - 500'  
POSTED SPEED  
LIMIT < 45 MPH  
1000'  
POSTED SPEED  
LIMIT ≥ 45 MPH

B  
(SEE TABLE  
NY6H-3)

A  
(SEE TABLE  
NY6H-3)

STATE LAW  
LICENSE  
SUSPENDED  
AFTER TWO  
WORK ZONE  
SPEEDING  
TICKETS  
NYR9-11

ROAD  
WORK  
AHEAD  
W20-1

W1-4L

35  
MPH  
W13-1  
OPTIONAL  
(SEE NOTE 8)

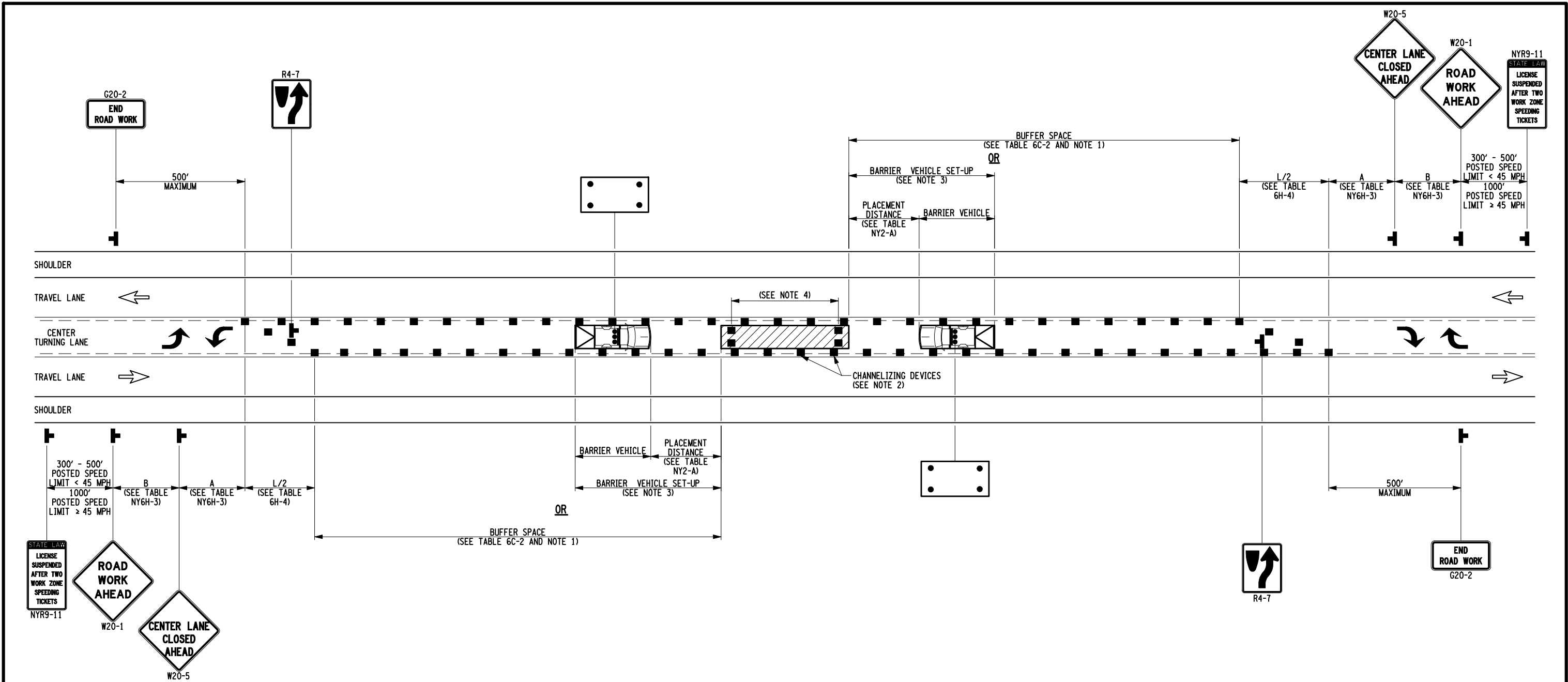
W24-1L  
(SEE NOTE 6)

35  
MPH  
W13-1  
OPTIONAL  
(SEE NOTE 8)

W1-6L

END  
ROAD WORK  
G20-2

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CENTER TURN LANE CLOSURE  
SHORT OR INTERMEDIATE TERM STATIONARY  
2-LANE 2-WAY WITH CENTER TURN LANE  
(NOT TO SCALE)

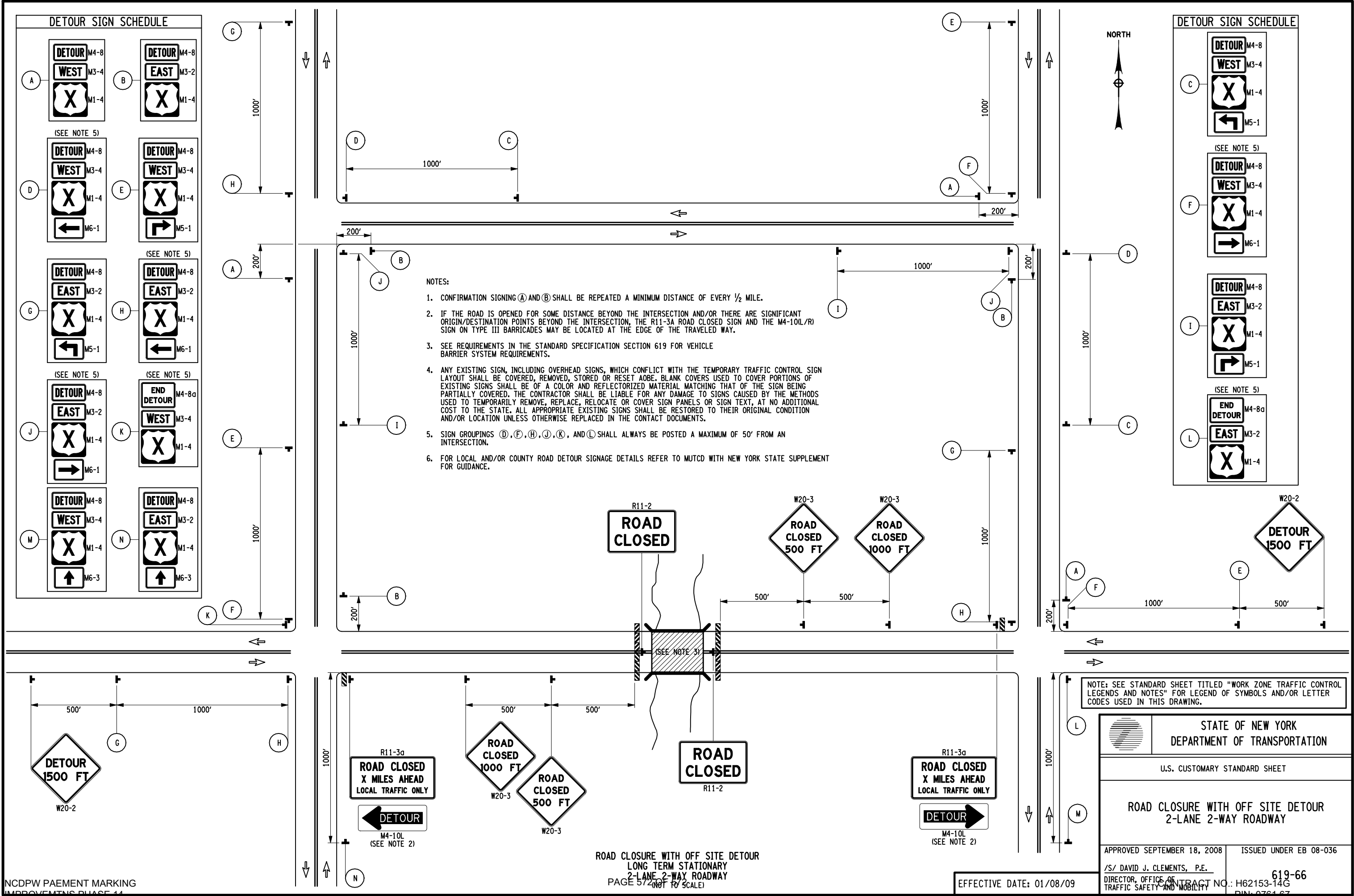
NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.

NOTES:

1. NO WORK ACTIVITY OR STORAGE OF EQUIPMENT, VEHICLES, OR MATERIAL SHOULD OCCUR WITHIN A BUFFER SPACE.
2. CHANNELIZING DEVICE SPACING (CENTER TO CENTER) SHALL NOT EXCEED 40' IN THE ACTIVE WORK SPACE.
3. FOR BARRIER VEHICLE USE REQUIREMENTS SEE TABLES NY1-A AND NY2-A ON THE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES".
4. TRANSVERSE DEVICES SHALL BE REQUIRED (AS PER 619 STANDARD SPECIFICATIONS) WHEN A PAVED SHOULDER HAVING A WIDTH OF 8' OR GREATER IS CLOSED FOR A DISTANCE GREATER THAN 1500'.

	STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION
U.S. CUSTOMARY STANDARD SHEET	
CENTER TURN LANE CLOSURE 2-LANE 2-WAY ROADWAY WITH CENTER TURN LANE	
APPROVED SEPTEMBER 18, 2008 /S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF TRAFFIC SAFETY AND MOBILITY	ISSUED UNDER EB 08-036 619-64 H62153-14G PIN: 0761.67

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- NOTES:
1. CONFIRMATION SIGNING (A) AND (B) SHALL BE REPEATED A MINIMUM DISTANCE OF EVERY 1/2 MILE.
  2. IF THE ROAD IS OPENED FOR SOME DISTANCE BEYOND THE INTERSECTION AND/OR THERE ARE SIGNIFICANT ORIGIN/DESTINATION POINTS BEYOND THE INTERSECTION, THE R11-3A ROAD CLOSED SIGN AND THE M4-10L/R SIGN ON TYPE III BARRICADES MAY BE LOCATED AT THE EDGE OF THE TRAVELED WAY.
  3. SEE REQUIREMENTS IN THE STANDARD SPECIFICATION SECTION 619 FOR VEHICLE BARRIER SYSTEM REQUIREMENTS.
  4. ANY EXISTING SIGN, INCLUDING OVERHEAD SIGNS, WHICH CONFLICT WITH THE TEMPORARY TRAFFIC CONTROL SIGN LAYOUT SHALL BE COVERED, REMOVED, STORED OR RESET AOE. BLANK COVERS USED TO COVER PORTIONS OF EXISTING SIGNS SHALL BE OF A COLOR AND REFLECTORIZED MATERIAL MATCHING THAT OF THE SIGN BEING PARTIALLY COVERED. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO SIGNS CAUSED BY THE METHODS USED TO TEMPORARILY REMOVE, REPLACE, RELOCATE OR COVER SIGN PANELS OR SIGN TEXT, AT NO ADDITIONAL COST TO THE STATE. ALL APPROPRIATE EXISTING SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND/OR LOCATION UNLESS OTHERWISE REPLACED IN THE CONTACT DOCUMENTS.
  5. SIGN GROUPINGS (D), (F), (H), (J), (K), AND (L) SHALL ALWAYS BE POSTED A MAXIMUM OF 50' FROM AN INTERSECTION.
  6. FOR LOCAL AND/OR COUNTY ROAD DETOUR SIGNAGE DETAILS REFER TO MUTCD WITH NEW YORK STATE SUPPLEMENT FOR GUIDANCE.

NCDPW PAEMENT MARKING  
IMPROVEMENTS PHASE 44

ROAD CLOSURE WITH OFF SITE DETOUR  
LONG TERM STATIONARY  
2-LANE 2-WAY ROADWAY  
PAGE 572 (NOT TO SCALE)

EFFECTIVE DATE: 01/08/09

NOTE: SEE STANDARD SHEET TITLED "WORK ZONE TRAFFIC CONTROL LEGENDS AND NOTES" FOR LEGEND OF SYMBOLS AND/OR LETTER CODES USED IN THIS DRAWING.

STATE OF NEW YORK DEPARTMENT OF TRANSPORTATION	
U.S. CUSTOMARY STANDARD SHEET	
ROAD CLOSURE WITH OFF SITE DETOUR 2-LANE 2-WAY ROADWAY	
APPROVED SEPTEMBER 18, 2008	ISSUED UNDER EB 08-036
/S/ DAVID J. CLEMENTS, P.E. DIRECTOR, OFFICE OF CONTRACT NO.: H62153-14G TRAFFIC SAFETY AND MOBILITY	
619-66 PIN: 0764.67	