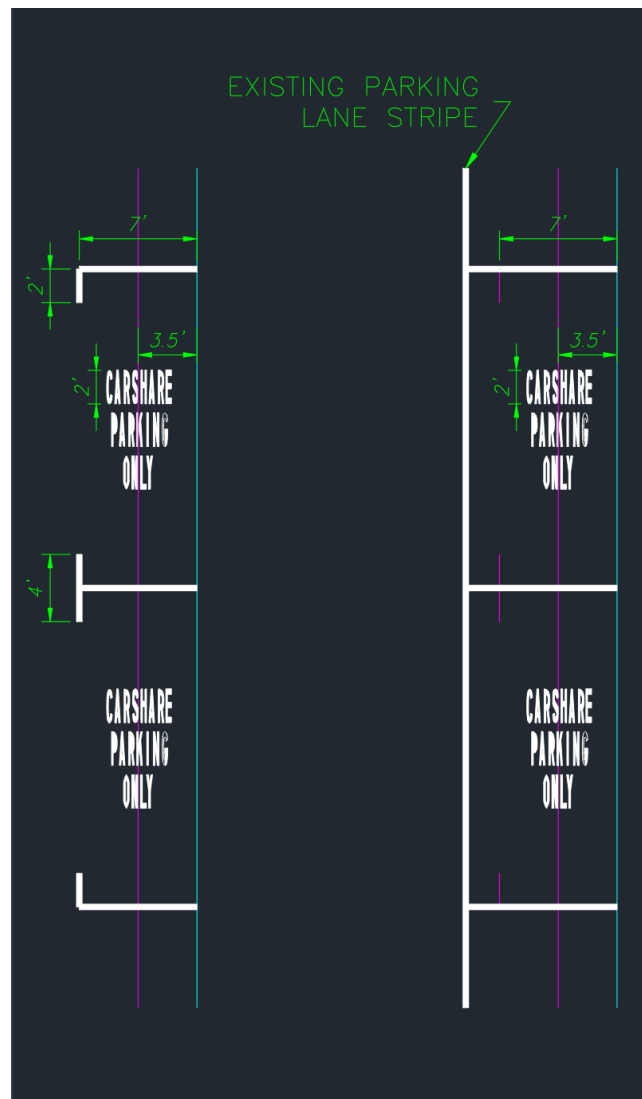
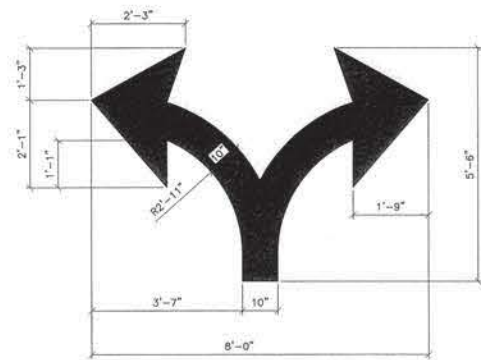


## Attachment A: NYC DOT Markings Specifications:

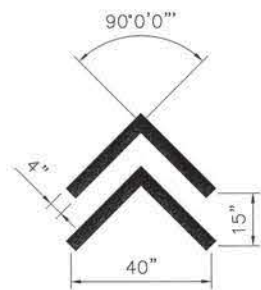
- Four (4) inch solid white line
  - If there is no existing parking lane stripe, use the “L” and “T” shaped markings extending to seven (7) feet off curb.
  - If there is an existing parking lane stripe, use only lateral lines extending to meet the existing longitudinal parking lane stripe.
- Message and letters must be two (2) feet letter height using the SHSM standard alphabet. ([https://mutcd.fhwa.dot.gov/ser-shs\\_millennium.htm](https://mutcd.fhwa.dot.gov/ser-shs_millennium.htm))
  - On center at 3.5 feet off curb, even if the existing parking lane is wider.
  - May reduce “Carshare” to twenty (20) inches if overextending within seven (7) feet of parking lane stripe.



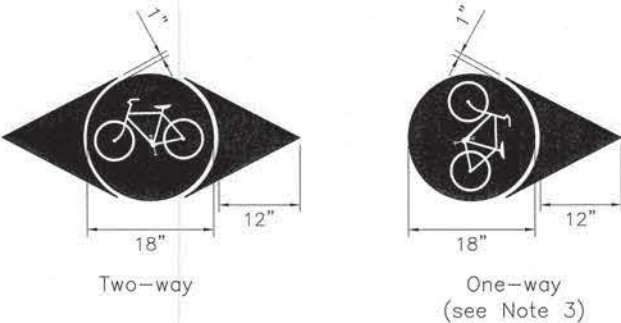
Left & Right Only Arrow



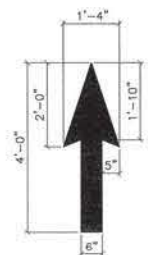
Bicycling Facility Chevron



Bicycling Facility Stamp  
for Use in Pedestrian Areas



Bicycling Facility Arrow



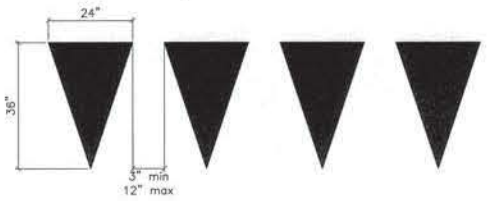
Bicycling Facility Symbol



Walking Facility Symbol



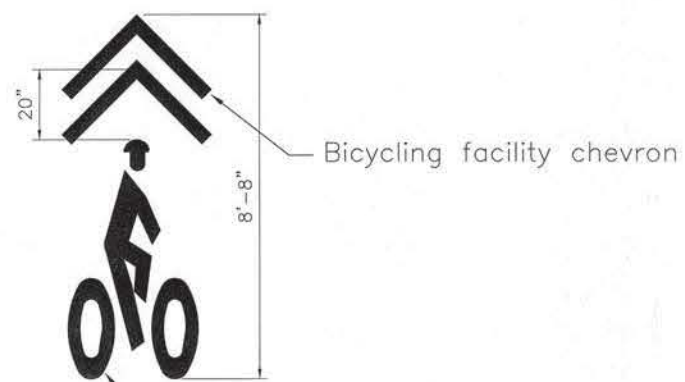
Large Yield Line



Small Yield Line



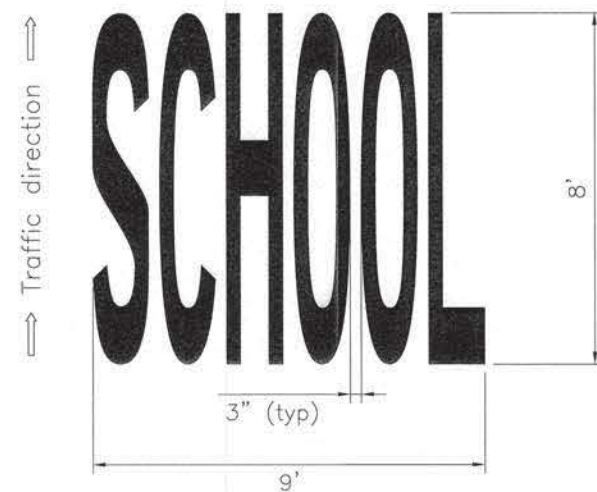
Shared Lane Marking  
"Sharrow"



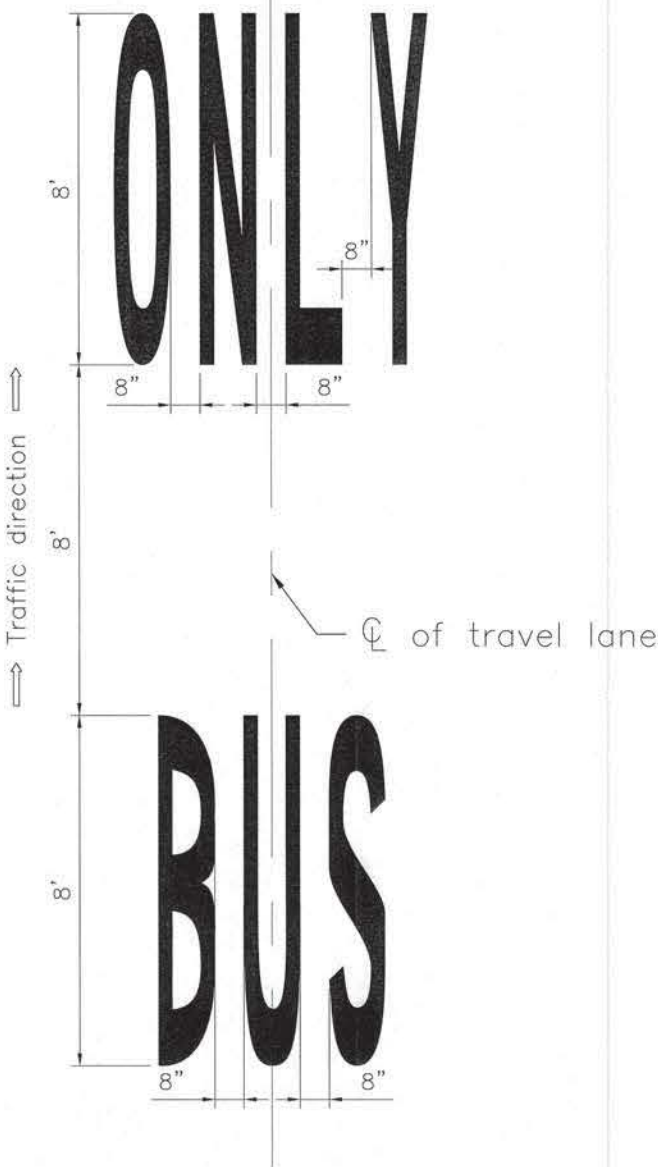
NOTES:  
1. All symbols shall conform to the shapes specified in the MUTCD 2004 Standard Highway Signs and Markings (SHSM) Book, Pavement Markings chapter.  
2. Preferential Lane Symbols and the following arrows shall be installed as per NYS DOT drawing number 685-01 Pavement Marking Details sheet 8: Turning, Turning/Straight, Straight, Lane Reduction, Diverge, and Ramp Arrows.  
3. One of the two pointers of the Bicycle Stamp may be removed to indicate the intended direction of bicycle traffic.

Bicycling facility symbol

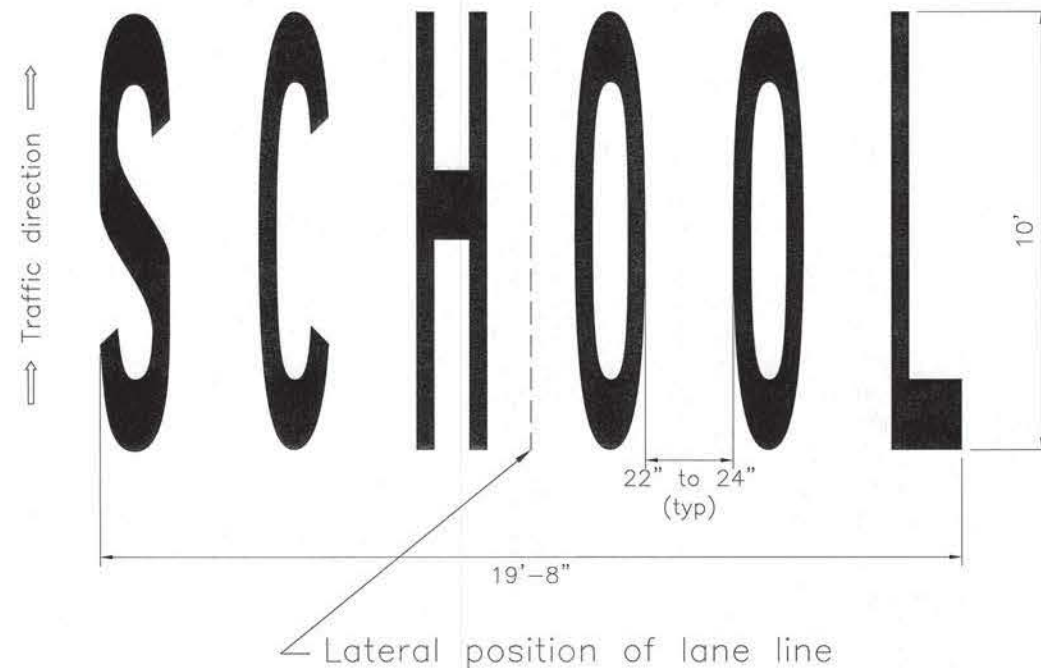
Single Lane School Message



Typical Word Message  
(BUS ONLY shown)



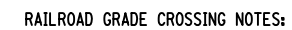
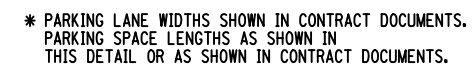
Two Lane School Message



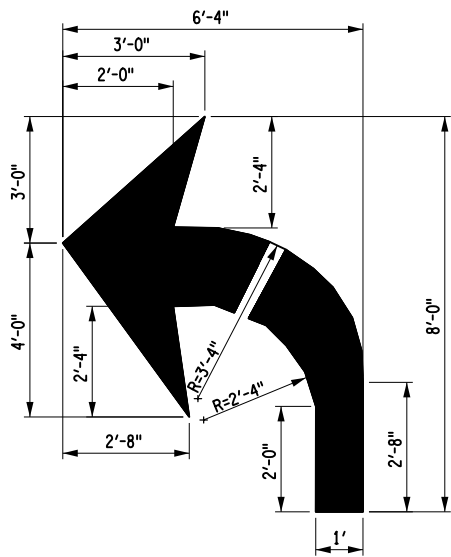
NOTES:

1. All messages shall consist of preformed letter shapes as specified in the MUTCD 2004 Standard Highway Signs and Markings (SHSM) Book, Pavement Markings chapter.
2. All messages shall be of an 8' text height, unless otherwise specified. Text height of 2' is typical of messages in bike lanes.
3. All messages consisting of two words or more shall have 8' between words and be laid out such that the first word is closest to an approaching vehicle. Spacing of 3' between words is typical of messages in bike lanes.
4. Spacing between each letter shall be equal for any word. Letter spacing shall be 8" unless otherwise specified or as limited by lane width. All messages shall fit within a single lane and not overlap any striping, unless otherwise specified.
5. All messages shall be aligned on center with travel lane, unless otherwise specified.
6. All letters shall be solid white, unless otherwise specified.
7. This drawing replaces TWM-2 and TWM-3.

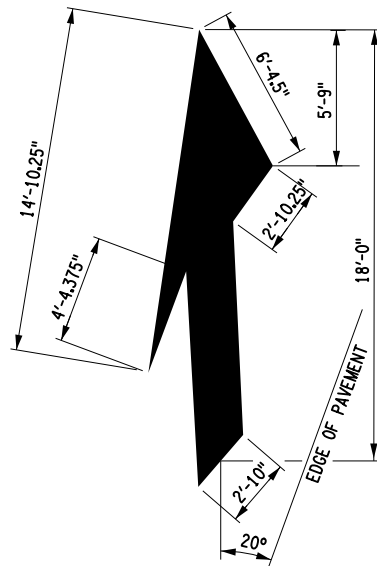




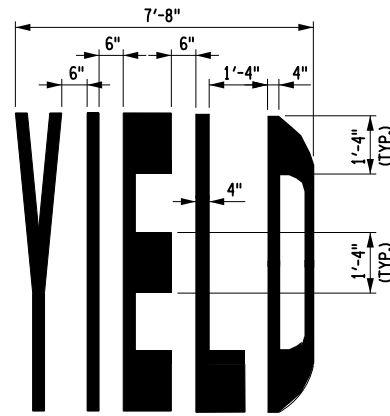
- R1. WHERE THERE IS NO RAILROAD CROSSING GATE, THE CLEARANCE LINE SHOULD BE PERPENDICULAR TO THE ROADWAY, AND 15'-0" FROM THE NEAREST RAIL AT ITS CLOSEST POINT. WHERE THERE IS A GATE, THE CLEARANCE LINE SHOULD BE PARALLEL TO THE GATE IN ITS LOWERED POSITION, AND EITHER 15'-0" FROM THE NEAREST RAIL OR 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.



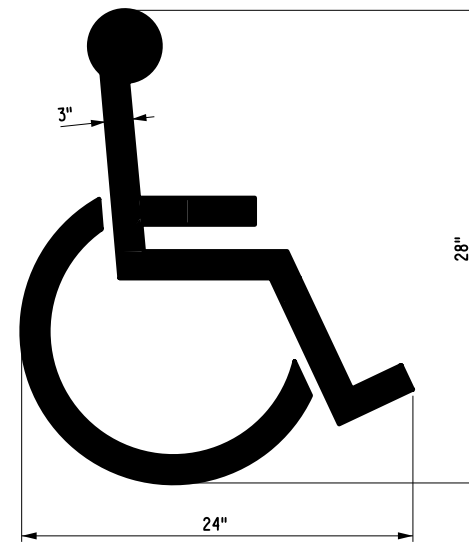
TURNING ARROW  
(PAID AS ONE SYMBOL)



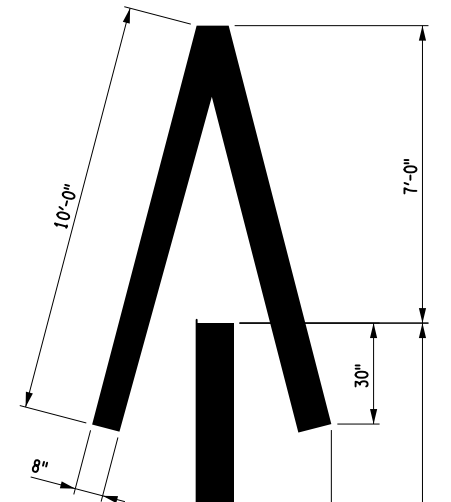
LANE REDUCTION ARROW  
(PAID AS ONE SYMBOL)



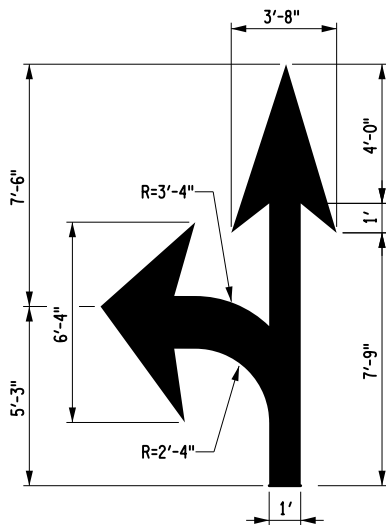
"YIELD" LETTERS  
SEE NOTE  
(PAID AS FIVE LETTERS)



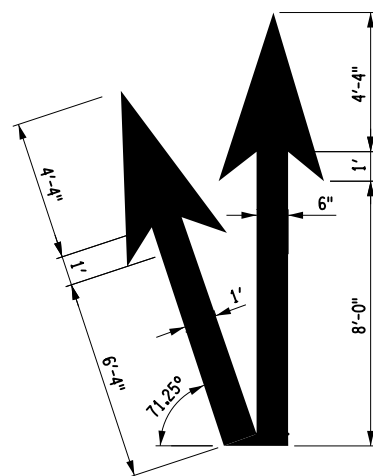
HANDICAPPED PARKING SYMBOL  
(PAID AS ONE SYMBOL)



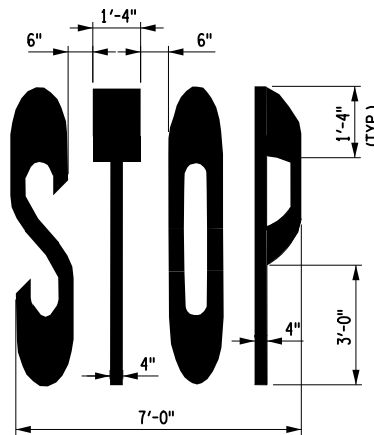
RAMP ARROW  
(PAID BY LINEAR FEET)  
(TOTAL PAYMENT IS 73')



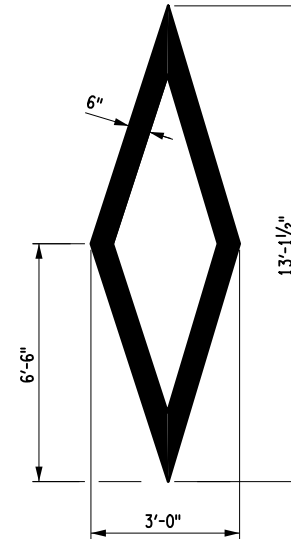
TURNING/STRAIGHT ARROW  
FOR SHARED LANE  
(PAID AS ONE SYMBOL)



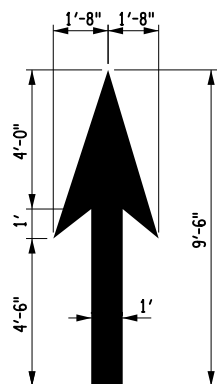
DIVERGE ARROW  
(PAID AS ONE SYMBOL)



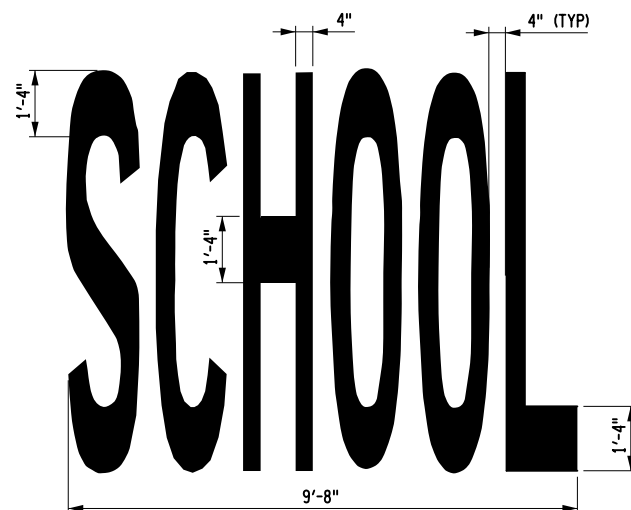
"STOP" LETTERS  
SEE NOTE  
(PAID AS FOUR LETTERS)



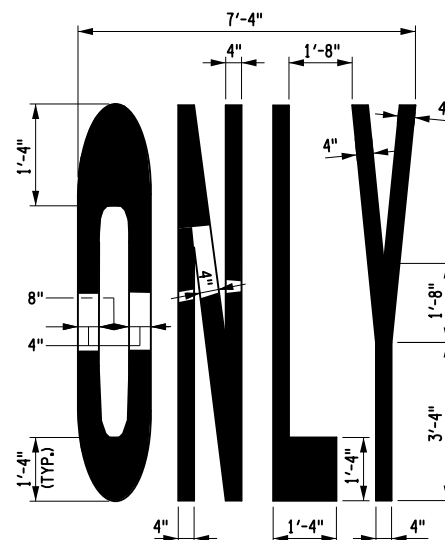
PREFERENTIAL LANE SYMBOL  
(PAID BY LINEAR FEET)  
(TOTAL PAYMENT IS 35')



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

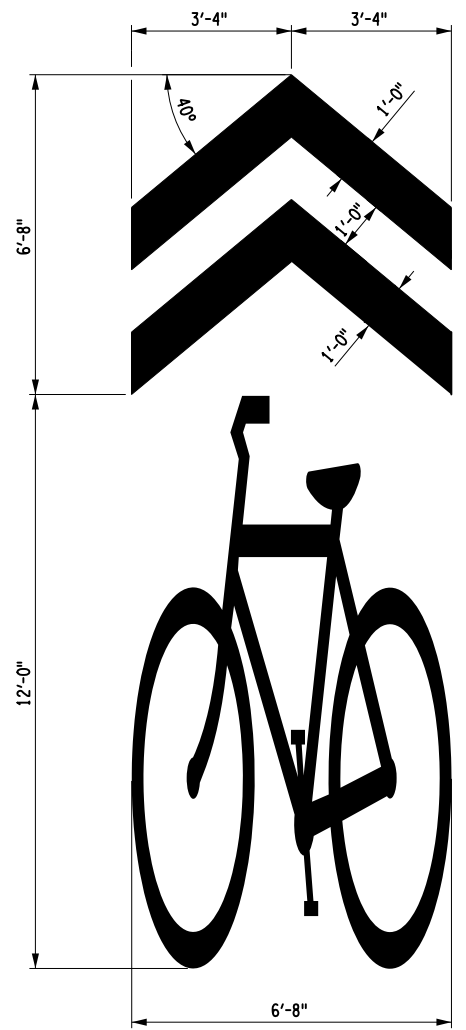
PAVEMENT MARKING DETAILS  
(SHEET 8 OF 9)

ERRATA 1  
ISSUED WITH EB 17-041  
EFFECTIVE DATE: 05/02/2013

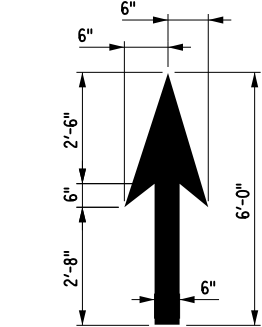
APPROVED SEPTEMBER 24, 2012  
/S/ TODD B. WESTHUIS, P.E.  
ACTING DIRECTOR, OFFICE OF  
TRAFFIC SAFETY AND MOBILITY

ISSUED UNDER EB 12-036

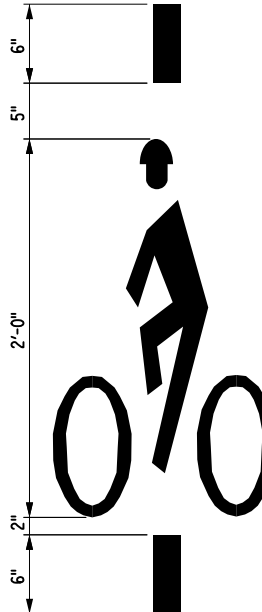
685-01



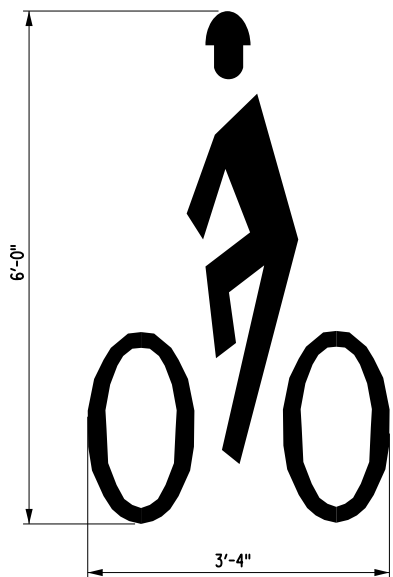
SHARED LANE USE MARKING DETAIL  
(CHEVRON PAID BY LINEAR FEET)  
(BICYCLE PAID AS ONE SYMBOL)



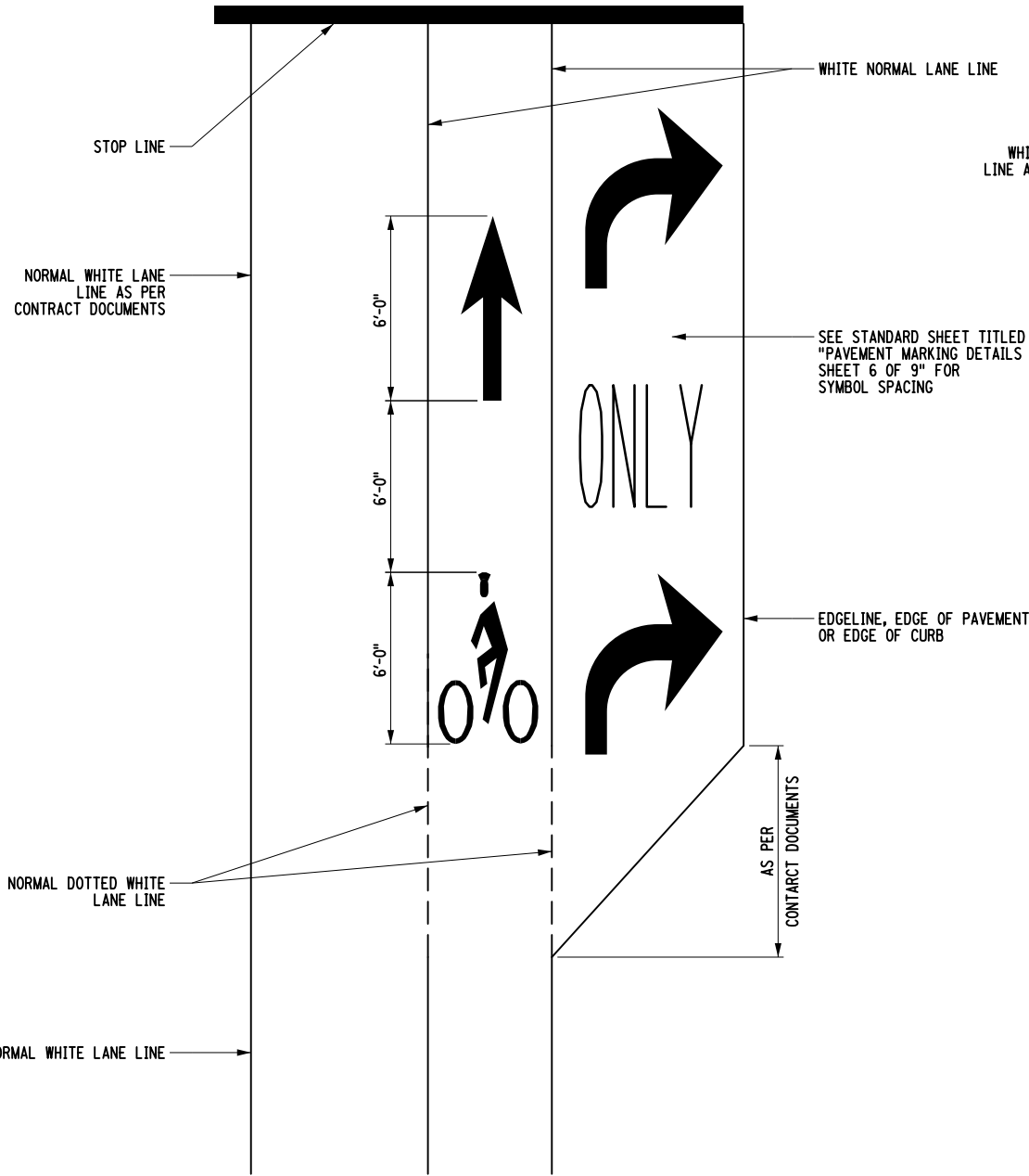
BICYCLE ARROW  
(PAID AS ONE SYMBOL)



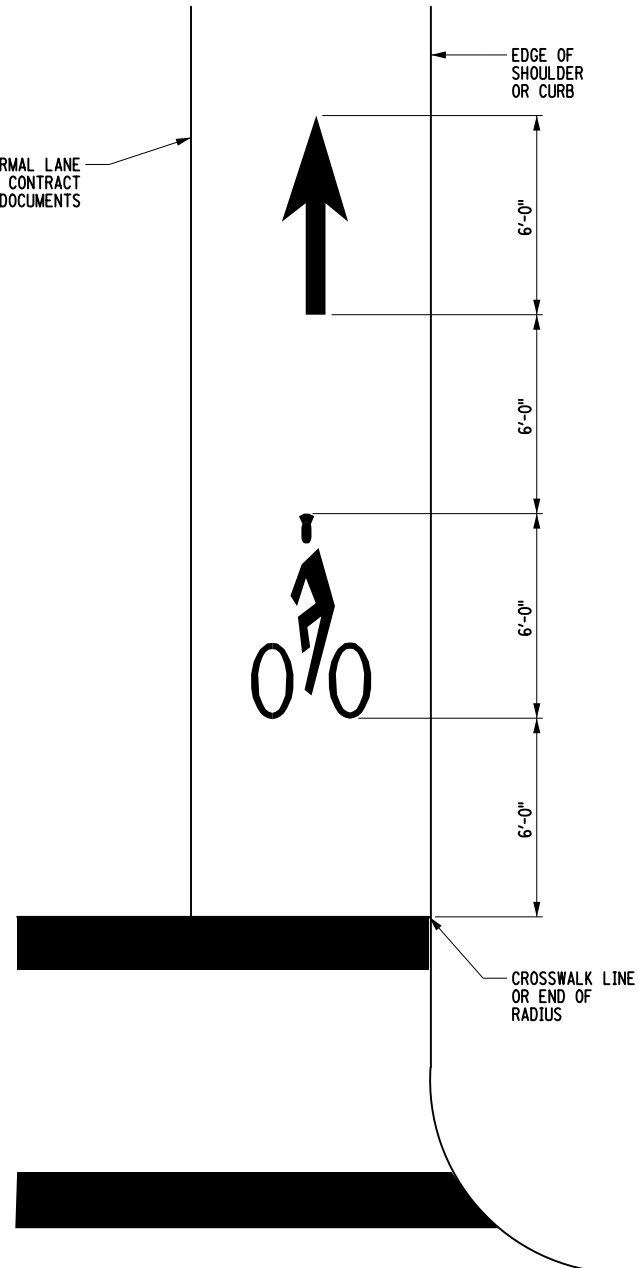
BICYCLE DETECTOR MARKER  
(PAID AS ONE SYMBOL)



BICYCLE SYMBOL  
(PAID AS ONE SYMBOL)



BICYCLE LANE MARKING  
ADJACENT TO RIGHT TURN LANE



BICYCLE LANE MARKING

- BICYCLE LANE MARKING NOTES:
- B1. CENTER SYMBOL IN BICYCLE LANE OR SHOULDER.
  - B2. PLACE BICYCLE LANE ARROW AND SYMBOL DOWNSTREAM OF MAJOR OR SIGNALIZED INTERSECTIONS.
    - PLACE BICYCLE SYMBOL AT 1320'-0" SPACING ALONG BICYCLE LANE OR AS INDICATED IN THE CONTRACT DOCUMENTS.
    - PLACE BICYCLE LANE ARROW AND SYMBOL 200'-0" UPSTREAM OF MAJOR OR SIGNALIZED INTERSECTIONS.
  - B3. MARKINGS AS PER THE DIRECTIONS OF THE REGIONAL OFFICE OF TRAFFIC SAFETY AND MOBILITY GROUP OR AS PER PLAN. SIGNS SHALL BE USED WITH THE BICYCLE LANE.

 <b>Department of Transportation</b>	
U.S. CUSTOMARY STANDARD SHEET	
PAVEMENT MARKING DETAILS (SHEET 9 OF 9)	
ERRATA 1 ISSUED WITH EB 17-041 EFFECTIVE DATE: 05/02/2013	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	