

CITY OF ALEXANDRIA VIRGINIA

OFFICE OF TRANSIT SERVICES & PROGRAMS
DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SERVICES

301 KING STREET
ROOM 4100
ALEXANDRIA, VA 22314

TEL. 703.746.4025
FAX 703.519.3356
WWW.ALEXANDRIA.GOV

PLANS FOR:

**BICYCLE AND PEDESTRIAN IMPROVEMENT PROJECT
STEVENSON AVE. AND YOAKUM PKWY.**

MAY 19TH, 2015 - 100% SUBMITTAL

SHEET INDEX		
SHEET NUMBER	DRAWING NUMBER	SHEET NAME
C-1	1	COVER SHEET
G-1	2	GENERAL NOTES
D-1	3	DETAILS-1
D-2	4	DETAILS-2
D-3	5	DETAILS-3
SS-1	6	SIGN SCHEDULE-1
SS-2	7	SIGN SCHEDULE-2
SS-3	8	SIGN SCHEDULE-3
SH-1	9	STEVENSON AVE.-1
SH-2	10	STEVENSON AVE.-2
SH-3	11	STEVENSON AVE.-3
SH-4	12	STEVENSON AVE.-4
SH-5	13	STEVENSON AVE.-5

LOCATION MAP

1"=500'



PROJECT LOCATION

No.	REVISIONS	DATE	BY

STV Incorporated
Engineers / Architects / Planners / Construction Managers
2222 Herndon Drive, Suite 350, Fairfax, VA 22031 (703)433-2222



TASK ORDER NO. 4016890	DATE 5/19/15
SCALE: 1" = 20'	DESIGNED BY: JEL
DRAWN BY: JPM	CHECKED BY: JEL

BICYCLE AND PEDESTRIAN
IMPROVEMENT PLAN
STEVENSON AVE.
COVER SHEET

DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SVCS.

APPROVED

X _____ DATE: _____
DIRECTOR

RECOMMENDED FOR APPROVAL

X _____ DATE: _____
DEPUTY DIRECTOR OF OPERATIONS

RECOMMENDED FOR APPROVAL

X _____ DATE: _____
DEPUTY DIRECTOR OF INFRASTRUCTURE & ENVIRONMENT

RECOMMENDED FOR APPROVAL

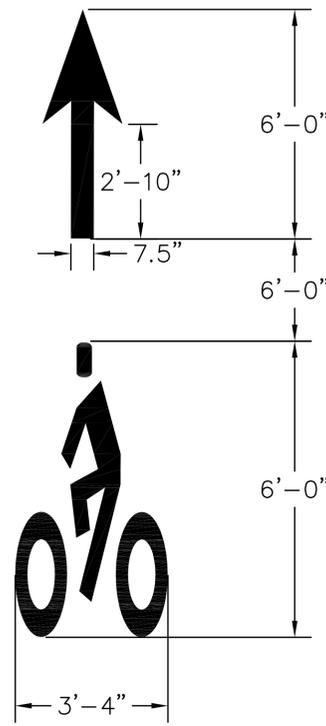
X _____ DATE: _____
DEPUTY DIRECTOR OF TRANSPORTATION

BICYCLE AND PEDESTRIAN
IMPROVEMENT PROJECT
100% PLANS
CITY OF ALEXANDRIA VIRGINIA

SHEET NUMBER
C-1

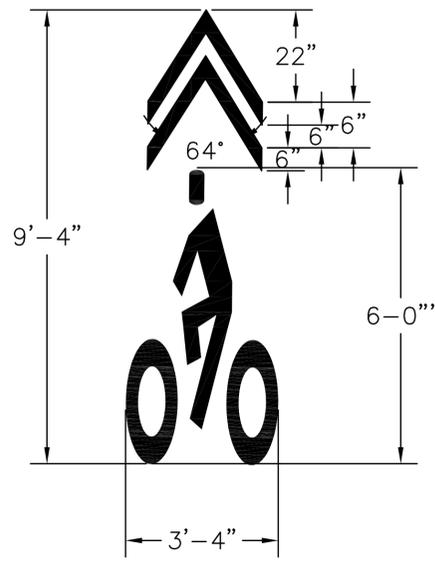
BIKE LANE MARKING SYMBOL DETAILS:

N.T.S



SHARED LANE BIKE MARKING SYMBOL:

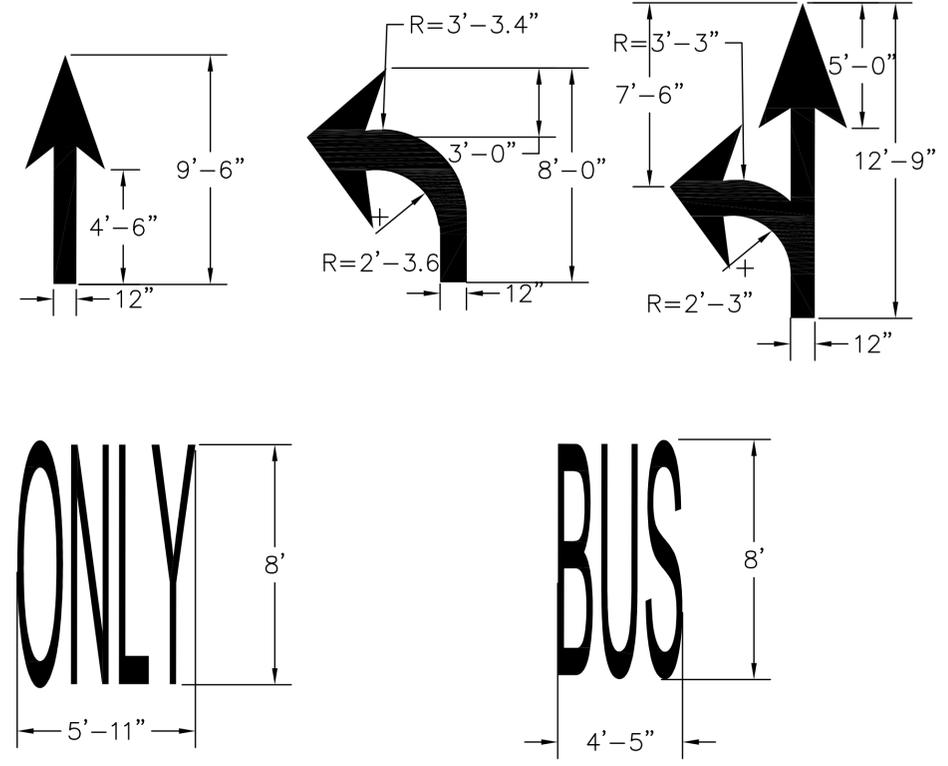
N.T.S



PAVEMENT MARKING ARROWS & WORD SYMBOLS:

N.T.S.

NOTE: FOR ARROW AND TEXT PAVEMENT MARKING SYMBOLS PLEASE REFER TO THE 2009 MUTCD FIGURE 2B-24 FOR ADDITIONAL INFORMATION



No.	REVISIONS	DATE	BY

STV Incorporated
 Engineers / Architects / Planners / Construction Managers
 2222 Merrilee Drive, Suite 350, Fairfax, VA 22031 (703) 435-2220



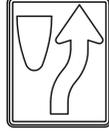
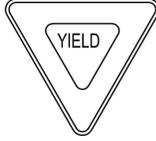
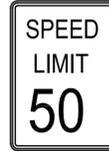
TASK ORDER NO. 4016890	DATE 5/19/15
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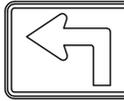
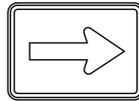
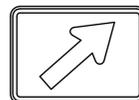
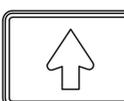
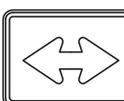
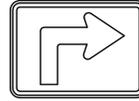
BICYCLE AND PEDESTRIAN
 IMPROVEMENT PLAN
 STEVENSON AVE.
 DETAILS-2

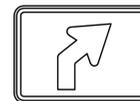
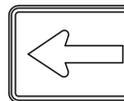
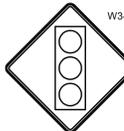
BICYCLE AND PEDESTRIAN
 IMPROVEMENT PROJECT
 100% PLANS
 CITY OF ALEXANDRIA VIRGINIA

SIGN SCHEDULE

N.T.S.

SIGN NO.	SIGN FACE	PANEL SIZE		STANDARD NUMBER	PANEL SIZE S.F.	QUANTITY
		WIDTH	HEIGHT			
1		24"	30"	R4-7	5	X
2		30"	30"	R3-7L	6.25	X
3		30"	30"	R3-7R	6.25	X
4		30"	30"	R1-1	6.25	X
5		36"	36"	R1-2	9	X
6		24"	24"	M1-1	4	X
7		24"	30"	R2-1	5	X
8		36"	24"	R5-1A	6	X

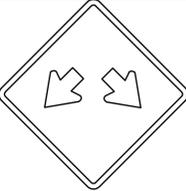
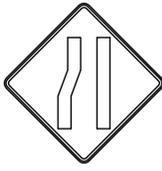
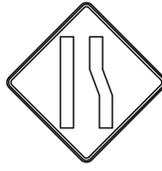
SIGN NO.	SIGN FACE	PANEL SIZE		STANDARD NUMBER	PANEL SIZE S.F.	QUANTITY
		WIDTH	HEIGHT			
9		30"	30"	R5-1	6.25	X
10		21"	15"	M5-1L	2.2	X
11		21"	15"	M5-2L	2.2	X
12		21"	15"	M6-1R	2.2	X
13		21"	15"	M6-2R	2.2	X
14		21"	15"	M6-3	2.2	X
15		21"	15"	M6-4	2.2	X
16		21"	15"	M5-1R	2.2	X

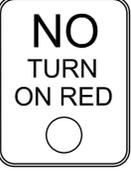
SIGN NO.	SIGN FACE	PANEL SIZE		STANDARD NUMBER	PANEL SIZE S.F.	QUANTITY
		WIDTH	HEIGHT			
17		21"	15"	M5-2R	2.2	X
18		21"	15"	M6-1L	2.2	X
19		21"	15"	M6-2L	2.2	X
20		24"	24"	R3-1	4	X
21		24"	24"	R3-2	4	X
22		36"	12"	R6-1L	3	X
23		36"	12"	R6-1R	3	X
24		30"	30"	W3-3	6.25	X

TASK ORDER NO. 4016890	DATE 5/19/15	SCALE: 1" = 20'	DESIGNED BY: JEL	DRAWN BY: JPM	CHECKED BY: JEL	
						
BICYCLE AND PEDESTRIAN IMPROVEMENT PLAN STEVENSON AVE. SIGN SCHEDULE-1						
BICYCLE AND PEDESTRIAN IMPROVEMENT PROJECT 100% PLANS						
CITY OF ALEXANDRIA VIRGINIA						
SHEET NUMBER SS-1						
REVISIONS					DATE	BY
No.						

SIGN SCHEDULE

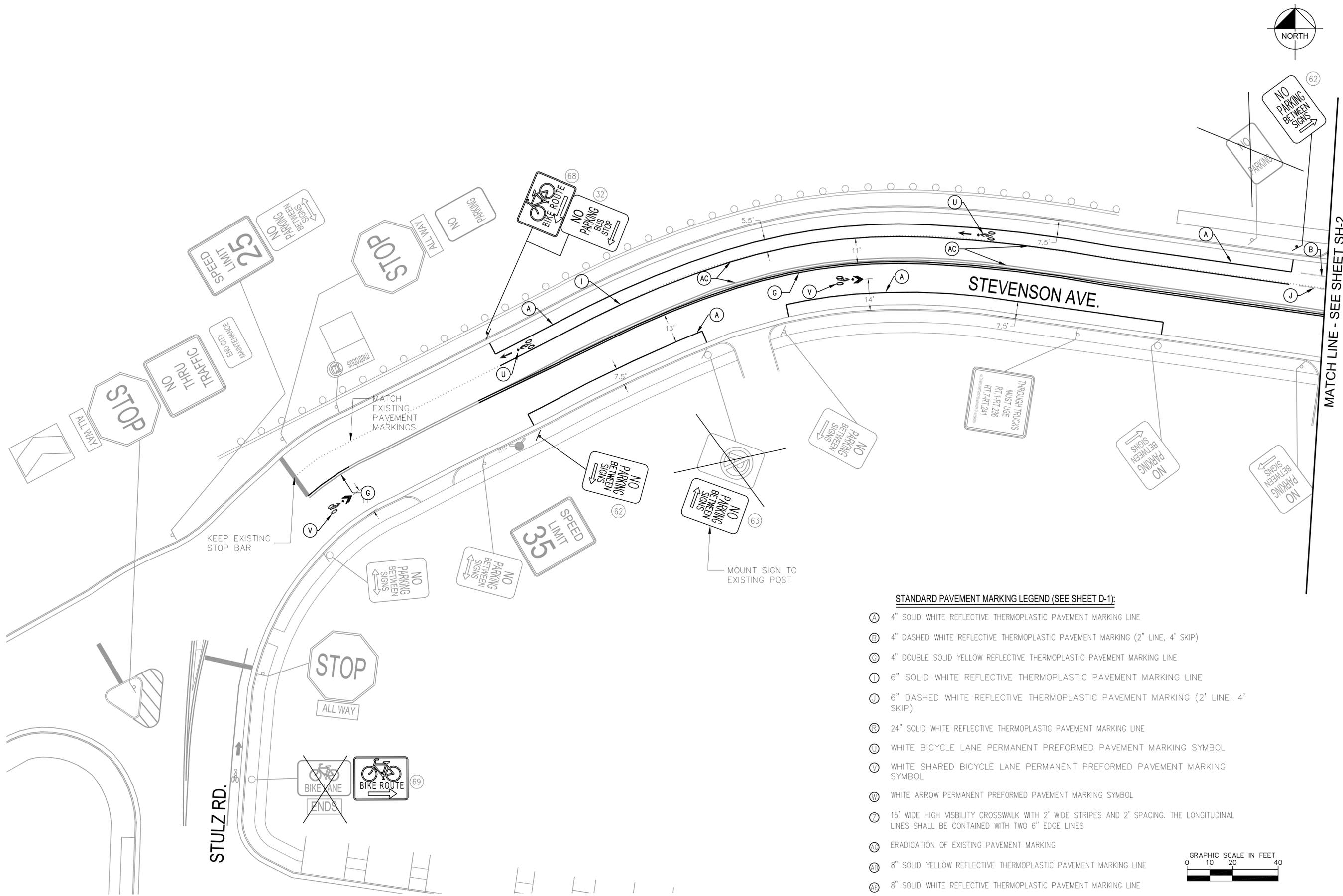
N.T.S.

SIGN NO.	SIGN FACE	PANEL SIZE		STANDARD NUMBER	PANEL SIZE S.F.	QUANTITY
		WIDTH	HEIGHT			
49		30"	30"	W9-2R	6.25	X
50		30"	30"	W12-1	6.25	X
51		30"	30"	W8-1	6.25	X
52		30"	30"	W11A-2	6.25	X
53		30"	30"	W14-1	6.25	X
54		30"	30"	W4-2L	6.25	X
55		30"	30"	W4-2R	6.25	1
56		24"	24"	R3-4	4	X

SIGN NO.	SIGN FACE	PANEL SIZE		STANDARD NUMBER	PANEL SIZE S.F.	QUANTITY
		WIDTH	HEIGHT			
57		30"	30"	W3-2A	6.25	X
58		12"	36"	R1-6A	3.00	2
59		XX"	XX"	SPECIAL	XX	X
60		12"	18"	XX-XX	1.50	X
61		24"	30"	R10-11	5	X
62		12"	18"	R7-1-R MOD	1.5	2
63		12"	18"	R7-1-L MOD	1.5	1
64		12"	18"	R7-1-R	1.5	2

SIGN NO.	SIGN FACE	PANEL SIZE		STANDARD NUMBER	PANEL SIZE S.F.	QUANTITY
		WIDTH	HEIGHT			
65		12"	18"	R7-1-L	1.5	2
66		24"	8"	R3-17bP	1.33	1
67		24"	18"	R3-17	3.0	3
68		24"	18"	D11-1 (MOD)	3.00	1
69		24"	18"	D11-1 (MOD)	3.00	1
70		24"	18"	D11-1	3.00	1
71		XX"	XX"	XX-XX	XX	X
72		XX"	XX"	XX-XX	XX	X

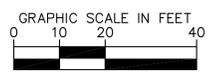
TASK ORDER NO. 4016890	DATE 5/19/15	DESIGNED BY: JEL	DRAWN BY: JPM	CHECKED BY: JEL
				
BICYCLE AND PEDESTRIAN IMPROVEMENT PLAN STEVENSON AVE. SIGN SCHEDULE-3				
CITY OF ALEXANDRIA VIRGINIA 100% PLANS				
SHEET NUMBER SS-3				
REVISIONS	DATE	BY		
No.				



MATCH LINE - SEE SHEET SH-2

STANDARD PAVEMENT MARKING LEGEND (SEE SHEET D-1):

- (A) 4" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (B) 4" DASHED WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (2" LINE, 4' SKIP)
- (C) 4" DOUBLE SOLID YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (I) 6" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (G) 6" DASHED WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (2' LINE, 4' SKIP)
- (R) 24" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (U) WHITE BICYCLE LANE PERMANENT PREFORMED PAVEMENT MARKING SYMBOL
- (V) WHITE SHARED BICYCLE LANE PERMANENT PREFORMED PAVEMENT MARKING SYMBOL
- (W) WHITE ARROW PERMANENT PREFORMED PAVEMENT MARKING SYMBOL
- (Z) 15' WIDE HIGH VISIBILITY CROSSWALK WITH 2' WIDE STRIPES AND 2" SPACING. THE LONGITUDINAL LINES SHALL BE CONTAINED WITH TWO 6" EDGE LINES
- (AC) ERADICATION OF EXISTING PAVEMENT MARKING
- (AL) 8" SOLID YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (AE) 8" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE



No.	REVISIONS	DATE	BY

STV Incorporated
 Engineers / Architects / Planners / Construction Managers
 2722 Leesville Drive, Suite 500, Fairfax, VA 22031 (703)435-2250



TASK ORDER NO. 4016890	DATE 5/19/15	SCALE 1 : 20	DESIGNED BY: JEL	DRAWN BY: IPM	CHECKED BY: JEL
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BICYCLE AND PEDESTRIAN
 IMPROVEMENT PLAN
 STEVENSON AVE.
 STEVENSON AVE. - 1

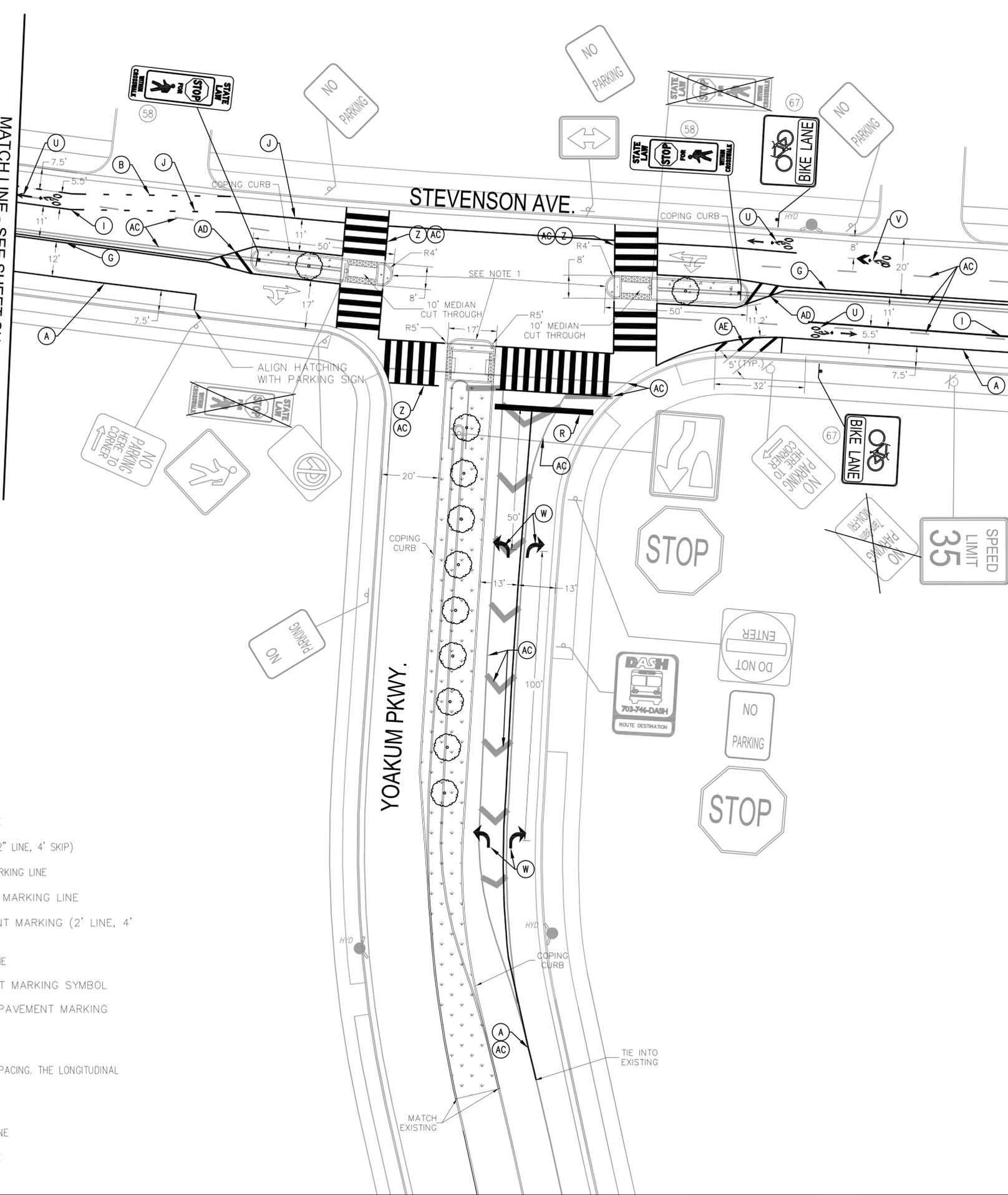
BICYCLE AND PEDESTRIAN
 IMPROVEMENT PROJECT
 100% PLANS
 CITY OF ALEXANDRIA VIRGINIA

SHEET NUMBER
 SH-1

NOTE:
 1. SEE D-3 FOR STEVENSON AVENUE AND YOAKUM PARKWAY PEDESTRIAN REFUGE ISLAND DETAILS.

MATCH LINE - SEE SHEET SH-2

MATCH LINE - SEE SHEET SH-4



STANDARD PAVEMENT MARKING LEGEND (SEE SHEET D-1):

- (A) 4" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (B) 4" DASHED WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (2" LINE, 4' SKIP)
- (C) 4" DOUBLE SOLID YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (D) 6" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (E) 6" DASHED WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (2' LINE, 4' SKIP)
- (R) 24" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (U) WHITE BICYCLE LANE PERMANENT PREFORMED PAVEMENT MARKING SYMBOL
- (V) WHITE SHARED BICYCLE LANE PERMANENT PREFORMED PAVEMENT MARKING SYMBOL
- (W) WHITE ARROW PERMANENT PREFORMED PAVEMENT MARKING SYMBOL
- (Z) 15' WIDE HIGH VISIBILITY CROSSWALK WITH 2' WIDE STRIPES AND 2' SPACING. THE LONGITUDINAL LINES SHALL BE CONTAINED WITH TWO 6" EDGE LINES
- (AC) ERADICATION OF EXISTING PAVEMENT MARKING
- (AD) 8" SOLID YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (AE) 8" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE



No.	REVISIONS	DATE	BY

STV Incorporated
 Engineers / Architects / Planners / Construction Managers
 2722 Leesville Drive, Suite 500, Fairfax, VA 22031 (703)432-2226

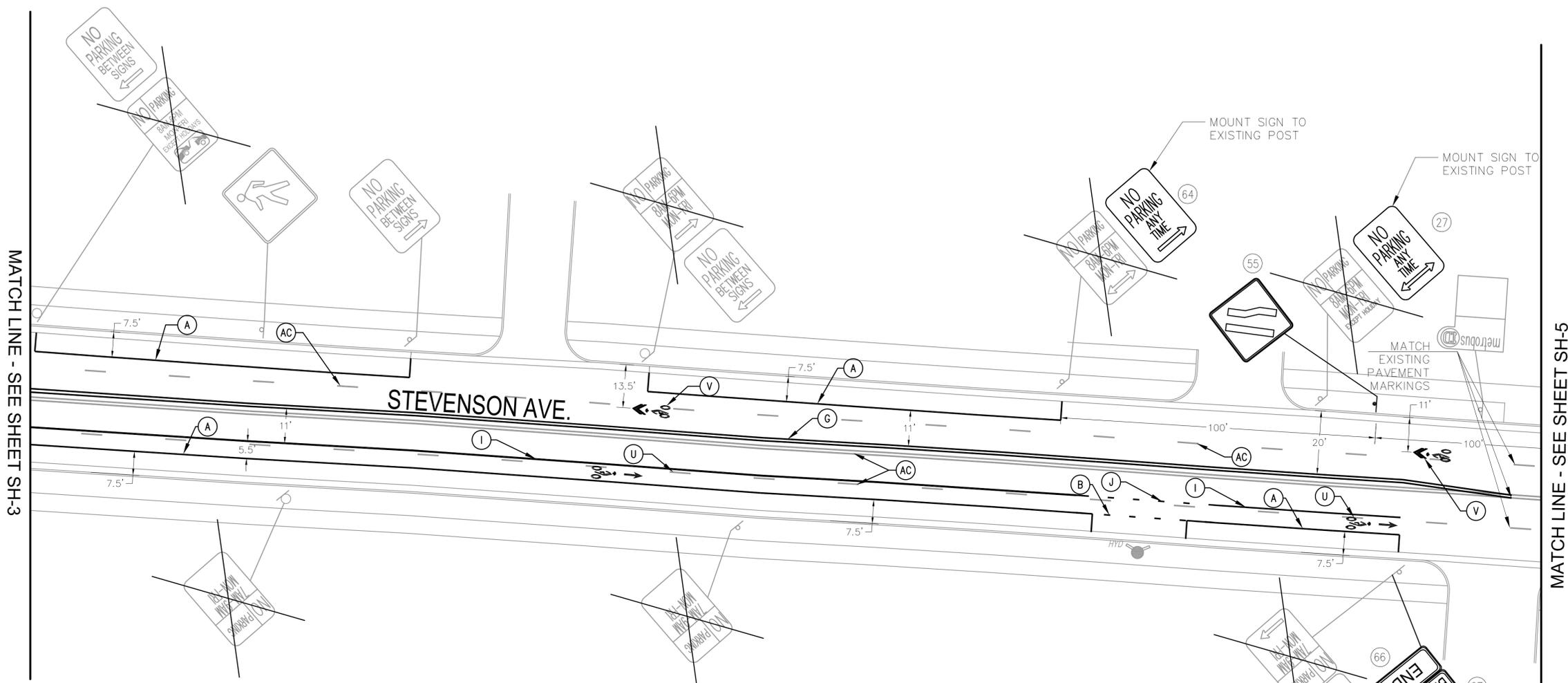


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BICYCLE AND PEDESTRIAN
 IMPROVEMENT PLAN
 STEVENSON AVE.
 STEVENSON AVE. - 3

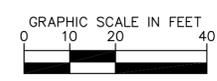
BICYCLE AND PEDESTRIAN
 IMPROVEMENT PROJECT
 100% PLANS
 CITY OF ALEXANDRIA VIRGINIA

SHEET NUMBER
 SH-3



STANDARD PAVEMENT MARKING LEGEND (SEE SHEET D-1):

- (A) 4" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (B) 4" DASHED WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (2" LINE, 4' SKIP)
- (C) 4" DOUBLE SOLID YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (I) 6" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (J) 6" DASHED WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (2' LINE, 4' SKIP)
- (R) 24" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (U) WHITE BICYCLE LANE PERMANENT PREFORMED PAVEMENT MARKING SYMBOL
- (V) WHITE SHARED BICYCLE LANE PERMANENT PREFORMED PAVEMENT MARKING SYMBOL
- (W) WHITE ARROW PERMANENT PREFORMED PAVEMENT MARKING SYMBOL
- (Z) 15' WIDE HIGH VISIBILITY CROSSWALK WITH 2' WIDE STRIPES AND 2' SPACING. THE LONGITUDINAL LINES SHALL BE CONTAINED WITH TWO 6" EDGE LINES
- (AC) ERADICATION OF EXISTING PAVEMENT MARKING
- (AE) 8" SOLID YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (AF) 8" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE



No.	REVISIONS	DATE	BY

STV Incorporated
 Architects / Planners / Construction Managers
 2722 Leesville Drive, Suite 500, Fairfax, VA 22031 (703)435-2250



TASK ORDER NO. 4016890	DATE 5/19/15	SCALE: 1" = 20'	DESIGNED BY: JEL	DRAWN BY: IPM	CHECKED BY: JEL
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BICYCLE AND PEDESTRIAN
 IMPROVEMENT PLAN
 STEVENSON AVE.
 STEVENSON AVE. - 4

BICYCLE AND PEDESTRIAN
 IMPROVEMENT PROJECT
 100% PLANS
 CITY OF ALEXANDRIA VIRGINIA

SHEET NUMBER
 SH-4

