

CITY OF ALEXANDRIA VIRGINIA

DIVISION OF TRANSPORTATION PLANNING
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 KENWOOD AVENUE (KING ST TO VALLEY DR)

AUGUST 09, 2016 - 100% SUBMITTAL

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DISTURBED AREA OF 280 SF.

PROJECT NARRATIVE:

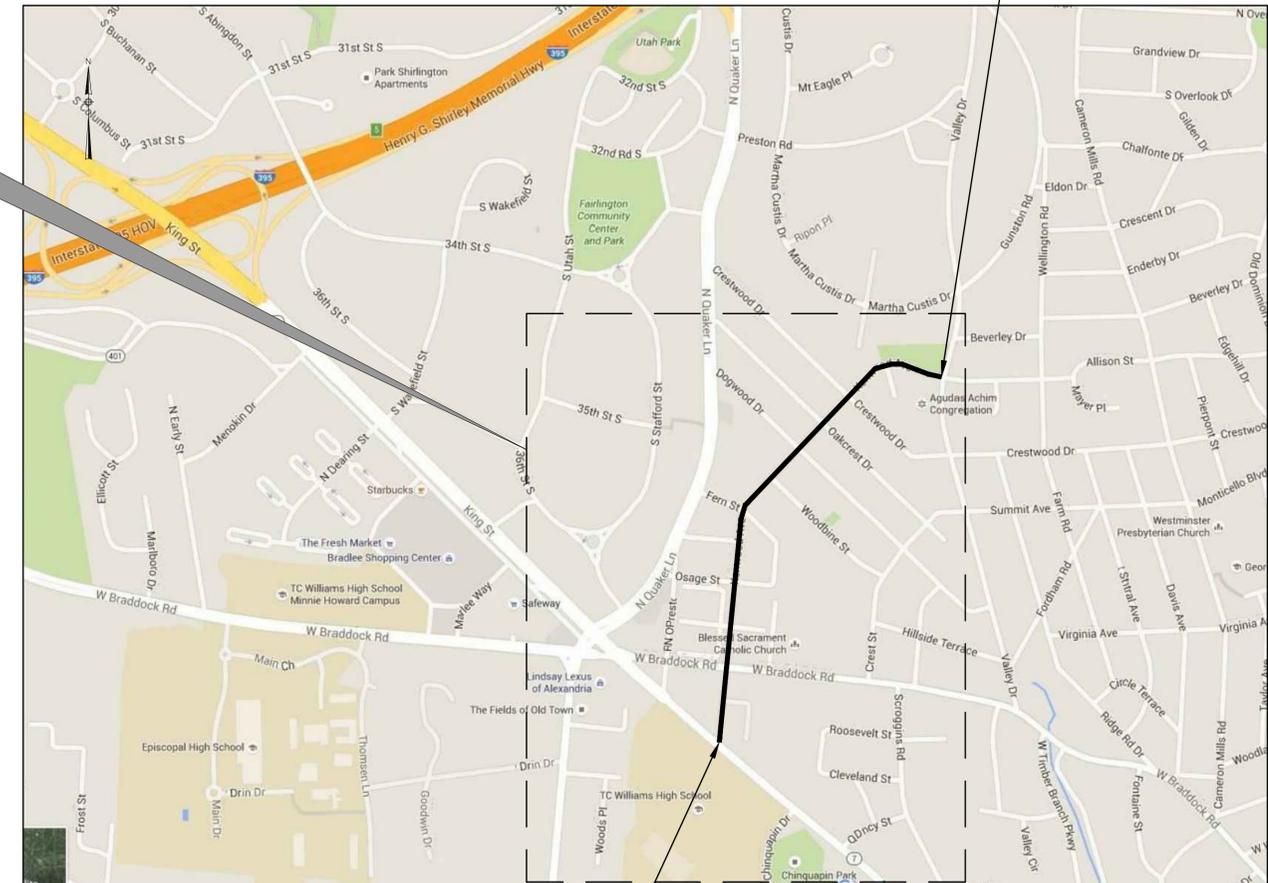
BICYCLE AND TRAFFIC SAFETY IMPROVEMENTS ON KENWOOD AVENUE, BETWEEN KING STREET AND VALLEY DRIVE, IN CONJUNCTION WITH RESURFACING. PROJECT ENTAILS:

- SEVEN NEW CROSSWALKS ACROSS KENWOOD AVENUE AND TWELVE NEW CROSSWALKS ACROSS SIDE STREETS
- BIKE LANES ALONG THE CORRIDOR IN BOTH DIRECTIONS
- ADA COMPLIANT BUS STOPS
- RECONFIGURED INTERSECTION AT KING STREET

LOCATION MAP

1"=500'

PROJECT LOCATIONS



NORTH LEG OF KING STREET INTERSECTION

DEPARTMENT OF TRANSPORTATION & ENVIRONMENTAL SVCS.

APPROVED	DATE:
X _____	_____
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	

No.	REVISIONS	DATE	BY

STV Incorporated
Engineers / Architects / Planners / Construction Managers
2722 Mariner Drive, Suite 300, Fairfax, VA 22031 (703)433-2220



TASK ORDER NO.	4016890
DATE	8/09/2016
SCALE: N.T.S.	
DESIGNED BY: JEL	
DRAWN BY: JPM	
CHECKED BY: JEL	

BICYCLE AND PEDESTRIAN
IMPROVEMENT PLAN
KENWOOD AVENUE
(KING ST TO VALLEY DR)
COVER SHEET

BICYCLE AND PEDESTRIAN
IMPROVEMENT PROJECT

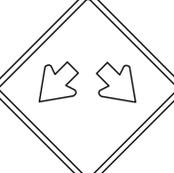
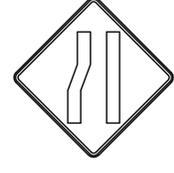
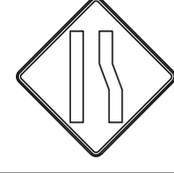
100% PLANS

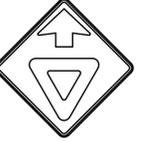
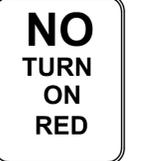
CITY OF ALEXANDRIA VIRGINIA

SHEET NUMBER
C-1

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	X
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	X
59		XX"	XX"	XX-XX	XX	4
60		12"	18"	XX-XX	1.50	X
61		24"	30"	R10-11a	5	1
62		12"	18"	R7-1-R MOD	1.5	X
63		12"	18"	R7-1-L MOD	1.5	X
64		12"	18"	R7-1-R	1.5	X

SIGN NO.	SIGN FACE	PANEL SIZE		STANDARD NUMBER	PANEL SIZE S.F.	QUANTITY
		WIDTH	HEIGHT			
65		12"	18"	R7-1-L	1.5	X
66		XX"	XX"	XX-XX	XX	X
67		XX"	XX"	XX-XX	XX	X
68		24"	12"	W16-7P	2.0	X
69		30"	30"	W17-1	6.25	X
70		24"	12"	W16-9P	2.0	X
71		24"	18"	R3-17	3.0	4
72		24"	8"	R3-17BP	1.33	3

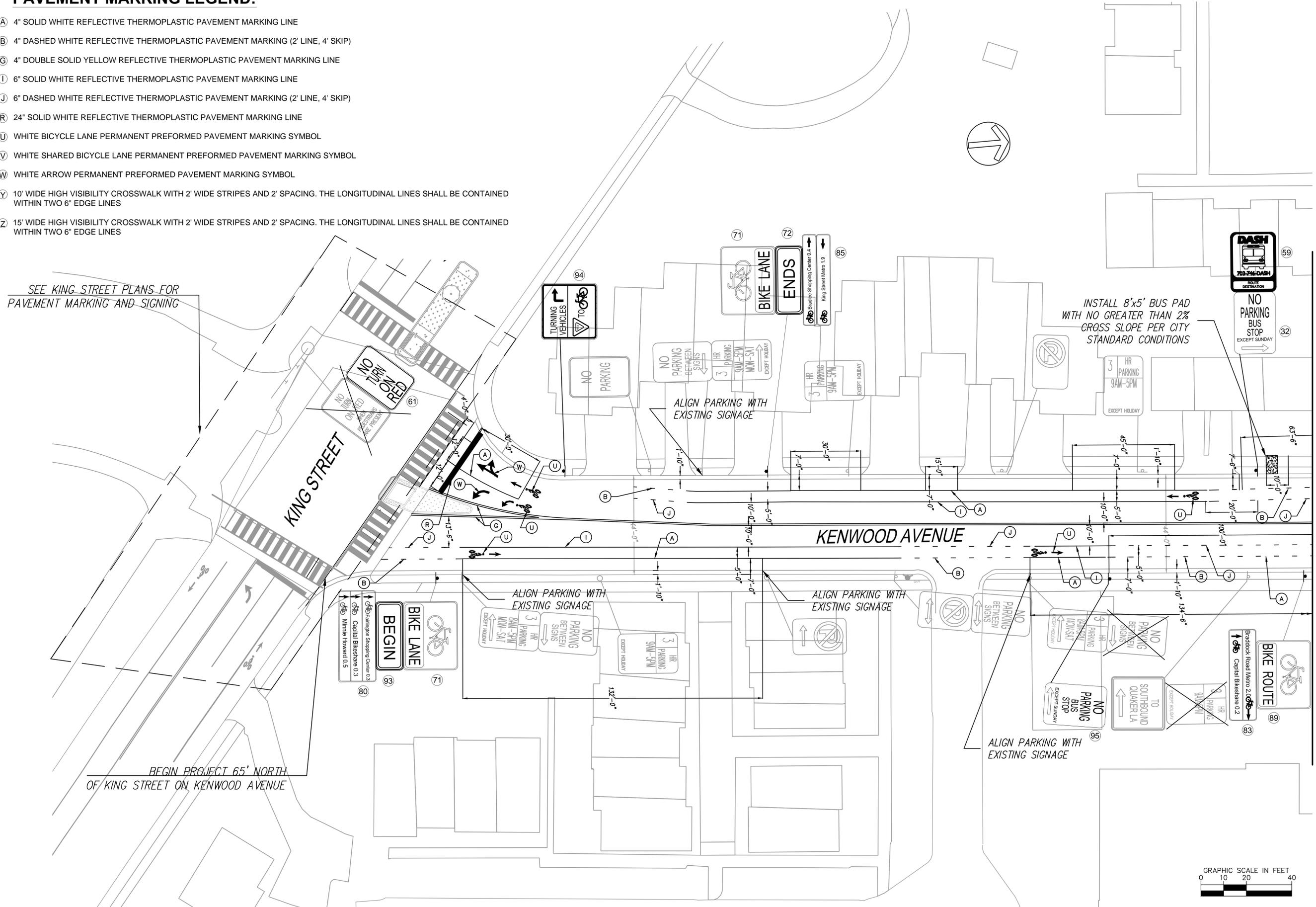
DATE	BY
REVISIONS	
No.	
 STV Incorporated <small>Engineers / Architects / Planners / Construction Managers</small> <small>222 Lakeside Drive, Suite 300, Fairfax, VA 22031 (703) 435-2220</small>	
 CITY OF ALEXANDRIA	
TASK ORDER NO.	4016890
DATE	8/09/2016
SCALE: N.T.S.	
DESIGNED BY: JEL	
DRAWN BY: JPM	
CHECKED BY: JEL	
BICYCLE AND PEDESTRIAN IMPROVEMENT PLAN KENWOOD AVENUE (KING ST TO VALLEY DR) SIGN SCHEDULE - 3	
BICYCLE AND PEDESTRIAN IMPROVEMENT PROJECT 100% PLANS	
CITY OF ALEXANDRIA VIRGINIA	
SHEET NUMBER SS-3	

PAVEMENT MARKING LEGEND:

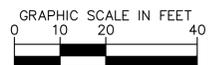
- (A) 4" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (B) 4" DASHED WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (2' LINE, 4' SKIP)
- (C) 4" DOUBLE SOLID YELLOW REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (I) 6" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (J) 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
- (Y) 10' WIDE HIGH VISIBILITY CROSSWALK WITH 2' WIDE STRIPES AND 2' SPACING. THE LONGITUDINAL LINES SHALL BE CONTAINED WITHIN TWO 6" EDGE LINES
- (Z) 15' WIDE HIGH VISIBILITY CROSSWALK WITH 2' WIDE STRIPES AND 2' SPACING. THE LONGITUDINAL LINES SHALL BE CONTAINED WITHIN TWO 6" EDGE LINES

SEE KING STREET PLANS FOR PAVEMENT MARKING AND SIGNING

BEGIN PROJECT 65' NORTH OF KING STREET ON KENWOOD AVENUE



MATCH LINE - SEE SHEET SH-2



No.	REVISIONS	DATE	BY

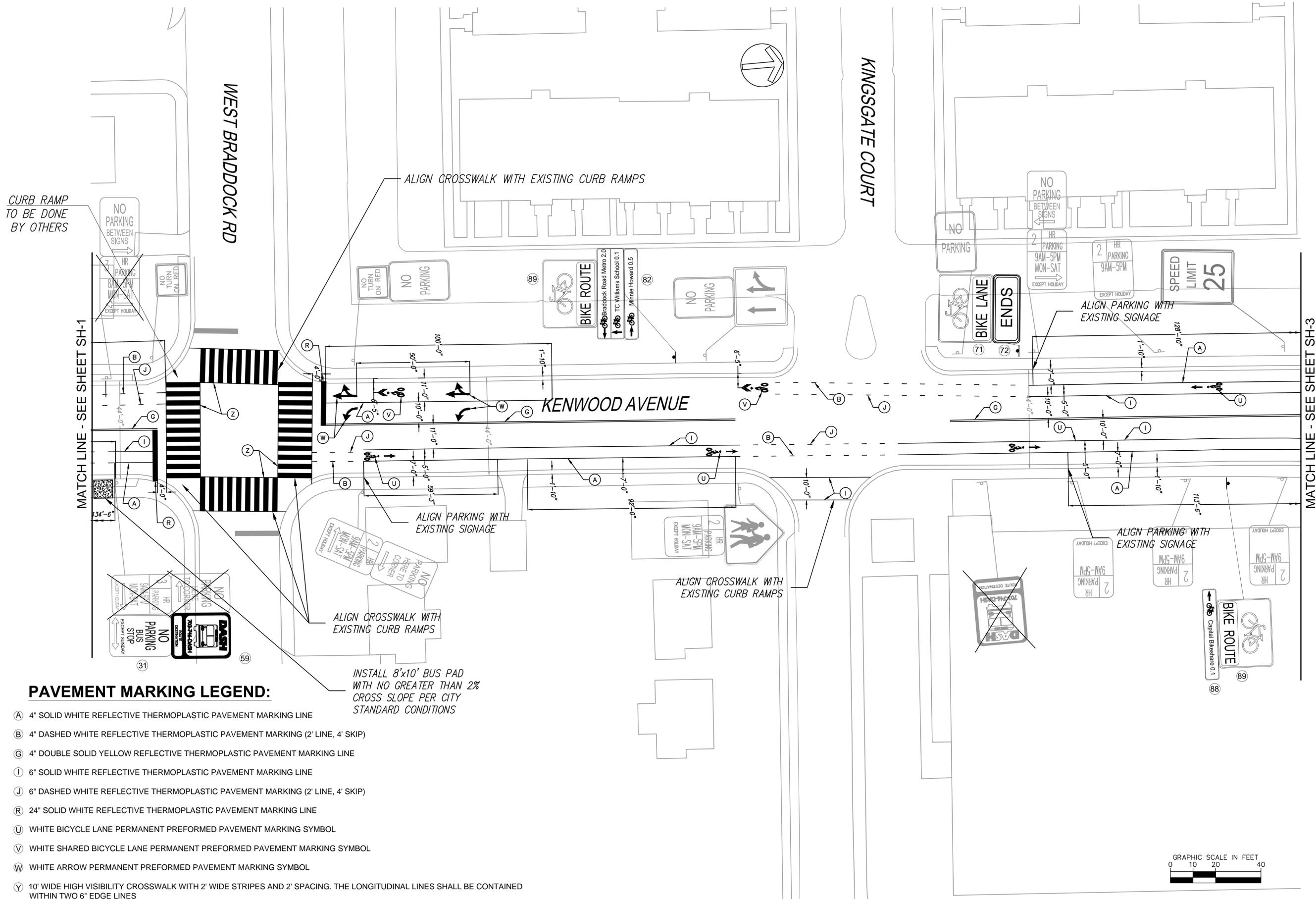
STV Incorporated
 Engineers / Architects / Planners / Construction Managers
 9725 Manassas Drive, Suite 500, Fairfax, VA 22031 (703) 261-2200



TASK ORDER NO.	4016890
DATE	8/09/2016
SCALE	1:20
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DRAWN BY	IPM
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BICYCLE AND PEDESTRIAN IMPROVEMENT PLAN
 KENWOOD AVENUE
 (KING ST TO VALLEY DR)

BICYCLE AND PEDESTRIAN IMPROVEMENT PROJECT
 100% PLANS



CURB RAMP TO BE DONE BY OTHERS

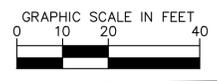
MATCH LINE - SEE SHEET SH-1

MATCH LINE - SEE SHEET SH-3

PAVEMENT MARKING LEGEND:

- (A) 4" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
- (B) 4" DASHED WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING (2' LINE, 4' SKIP)
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- (Z) 15' WIDE HIGH VISIBILITY CROSSWALK WITH 2' WIDE STRIPES AND 2' SPACING. THE LONGITUDINAL LINES SHALL BE CONTAINED WITHIN TWO 6" EDGE LINES

INSTALL 8'x10' BUS PAD WITH NO GREATER THAN 2% CROSS SLOPE PER CITY STANDARD CONDITIONS



NO.	REVISIONS	DATE	BY

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 Engineers / Architects / Planners / Construction Managers
 9725 Manassas Drive, Suite 500, Fairfax, VA 22030 (703) 650-2200

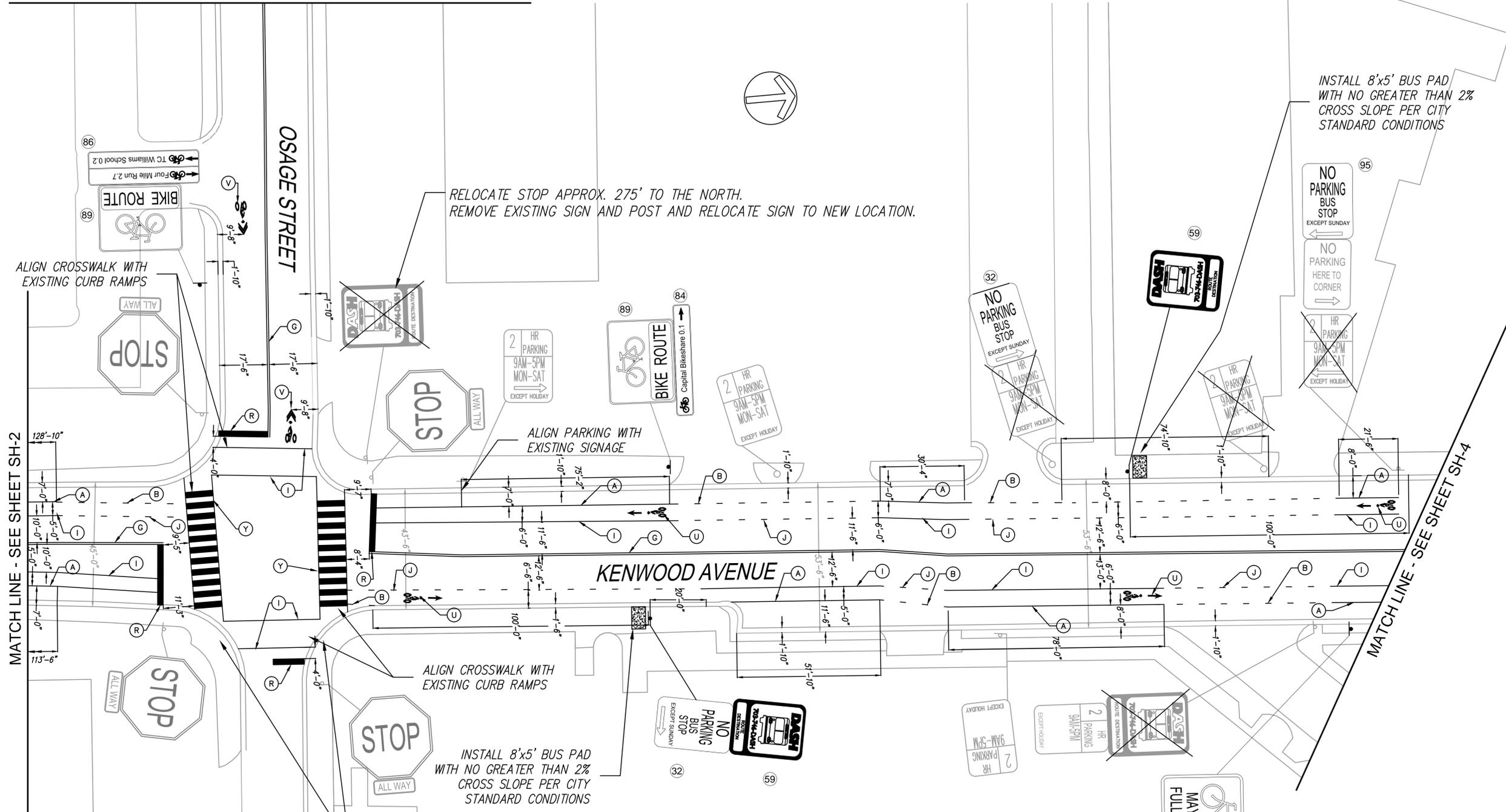


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BICYCLE AND PEDESTRIAN IMPROVEMENT PLAN
 KENWOOD AVENUE
 (KING ST TO VALLEY DR)

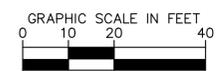
BICYCLE AND PEDESTRIAN IMPROVEMENT PROJECT
100% PLANS
 VIRGINIA
 CITY OF ALEXANDRIA
 KENWOOD AVE. -2

MATCH LINE - SEE SHEET SH-8



PAVEMENT MARKING LEGEND:

- (A) 4" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
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 - (Z) 15' WIDE HIGH VISIBILITY CROSSWALK WITH 2' WIDE STRIPES AND 2' SPACING. THE LONGITUDINAL LINES SHALL BE CONTAINED WITHIN TWO 6" EDGE LINES
- TACTILE WARNING STRIP TO BE ADDED BY OTHERS



NO.	REVISIONS	DATE	BY

STV Incorporated
 Engineers / Architects / Planners / Construction Managers
 8722 Mantra Drive, Suite 500, Fairfax, VA 22031 (703) 657-2200



TASK ORDER NO.	4016890
DATE	8/09/2016
SCALE	1:20
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BICYCLE AND PEDESTRIAN
 IMPROVEMENT PLAN
 KENWOOD AVENUE
 (KING ST TO VALLEY DR)

BICYCLE AND PEDESTRIAN
 IMPROVEMENT PROJECT

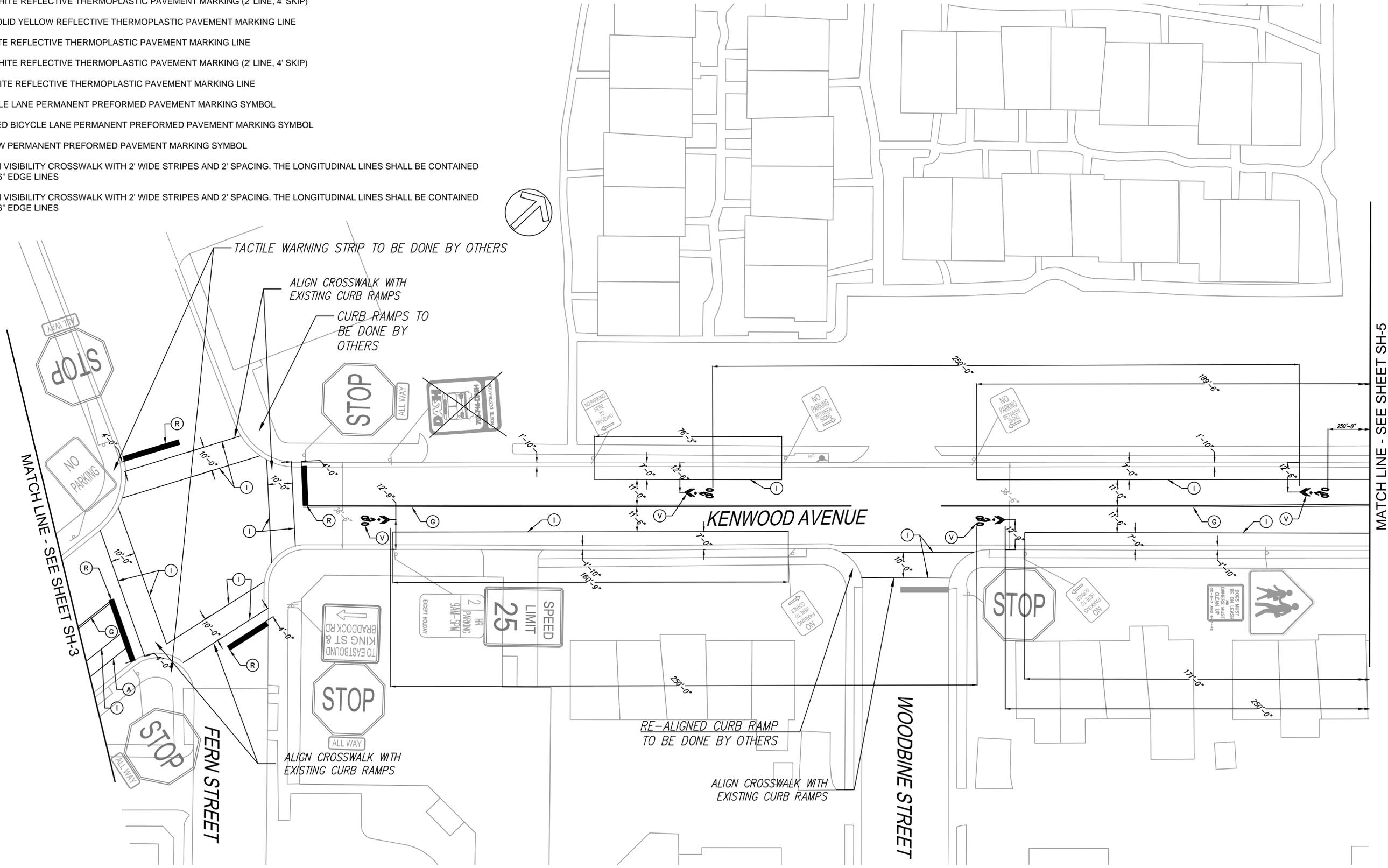
100% PLANS

CITY OF ALEXANDRIA VIRGINIA

SHEET NUMBER
 SH-3

PAVEMENT MARKING LEGEND:

- (A) 4" SOLID WHITE REFLECTIVE THERMOPLASTIC PAVEMENT MARKING LINE
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NO.	REVISIONS	DATE	BY

STV Incorporated
 Engineers / Architects / Planners / Construction Managers
 1772 Market Ave., Suite 505, Fairfax, VA 22031 (703) 650-2200



TASK ORDER NO.	4016890
DATE	8/09/2016
SCALE	1:20
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DRAWN BY	IPM
CHECKED BY	JEL

BICYCLE AND PEDESTRIAN
 IMPROVEMENT PLAN
 KENWOOD AVENUE
 (KING ST TO VALLEY DR)

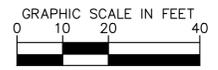
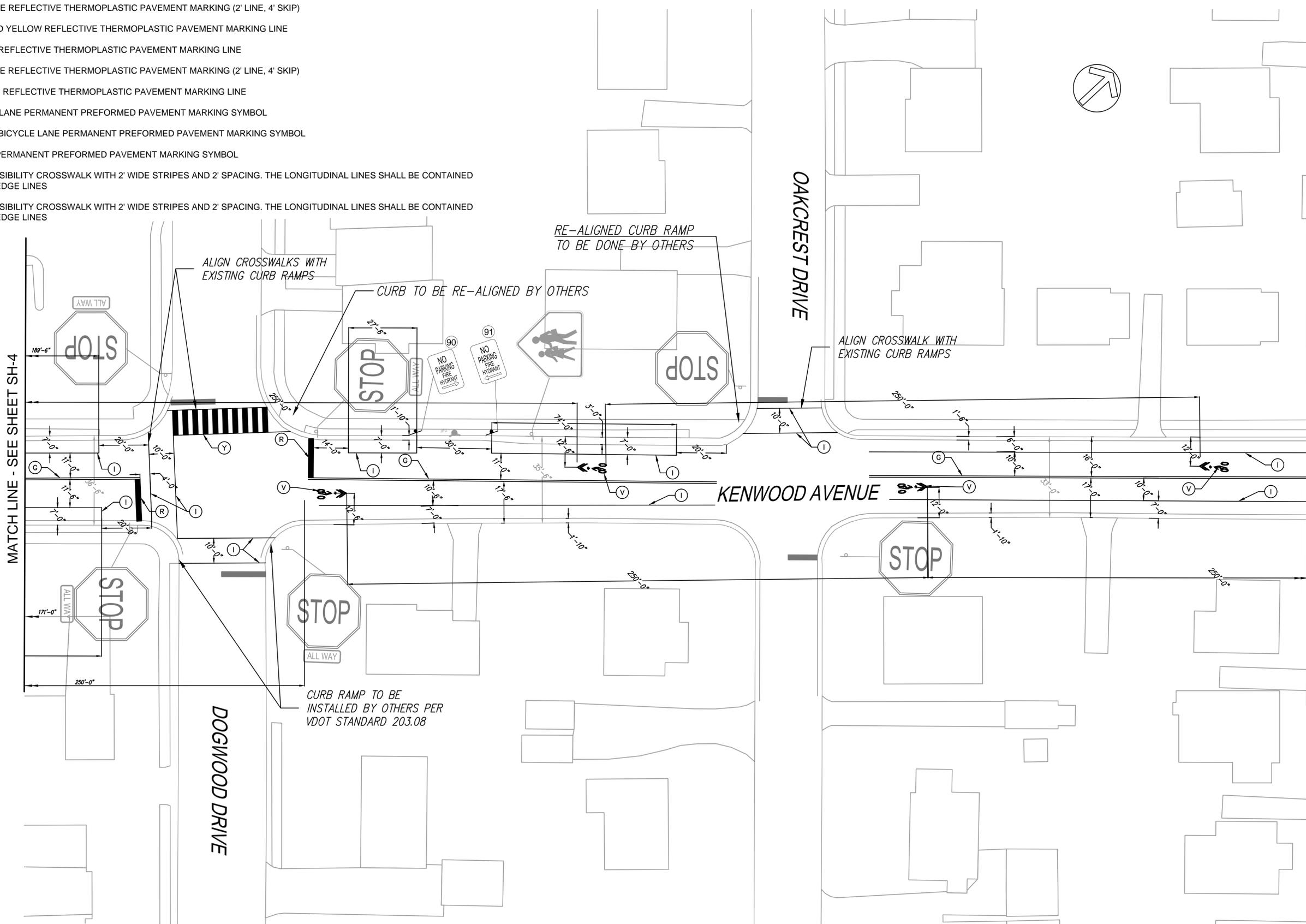
BICYCLE AND PEDESTRIAN
 IMPROVEMENT PROJECT

100% PLANS

CITY OF ALEXANDRIA VIRGINIA

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BICYCLE AND PEDESTRIAN IMPROVEMENT PLAN
 KENWOOD AVENUE
 (KING ST TO VALLEY DR)
 KENWOOD AVE. -5

BICYCLE AND PEDESTRIAN IMPROVEMENT PROJECT
100% PLANS
 CITY OF ALEXANDRIA VIRGINIA
 SHEET NUMBER
SH-5

