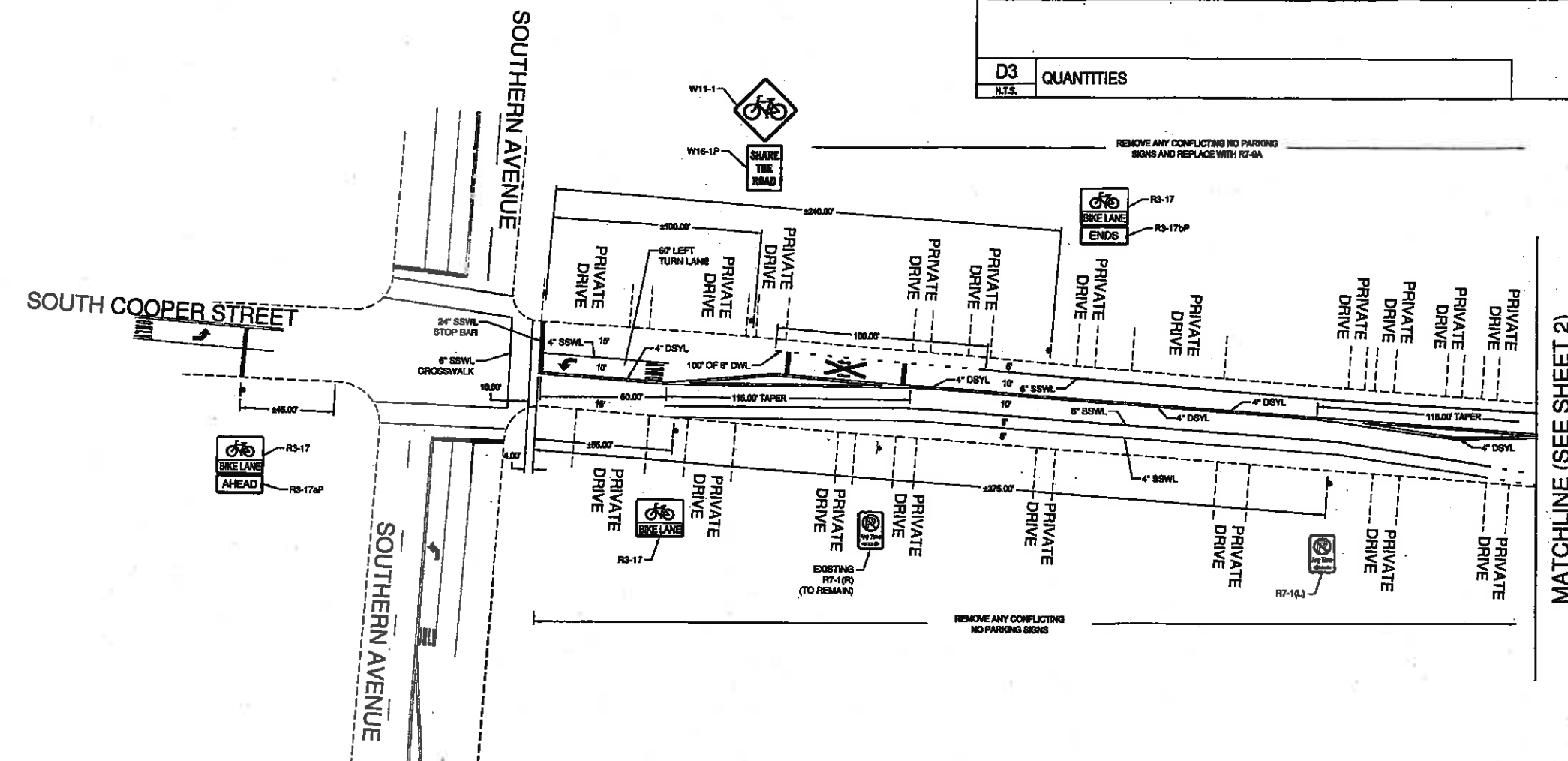


ITEM NO.	DESCRIPTION	UNIT	ORIGINAL PLAN QUANTITY	BIKE LANE STRIPING QUANTITY	NET CHANGE
718-02.03	PLASTIC PAVEMENT MARKING (CROSSWALK)	L.F.	400	744	+344
718-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	155	150	-5
718-04.15	PLASTIC PAVEMENT MARKING (BIKE SYMBOL/ARROW)	EACH	0	14	+14
718-05.02	PLASTIC PAVEMENT MARKING (FOR)	EACH	1	1	0
718-05.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROW)	EACH	8	13	+5
718-05.01	PLASTIC WORD PAVEMENT MARKING (ONLY)	EACH	6	7	+1
718-02.01	PLASTIC PAVEMENT MARKING (4" LINE)	L.M.	1.55	2.72	+1.17
718-02.01	PLASTIC PAVEMENT MARKING (8" LINE)	L.M.	0	1.22	+1.22
718-05.01	PAINTED PAVEMENT MARKING (4" LINE)	L.M.	1.55	2.72	+1.17
713-11.01	"U" SECTION STEEL POSTS (100" TALL)	LBS.	0	1281	+1281
713-13.02	FLAT SHEET ALUMINUM SIGNS	S.F.	0	143	+143

INLET DESCRIPTION	QUANTITY
6-72 INLET (SINGLE)	7
6-72 INLET (DOUBLE)	1

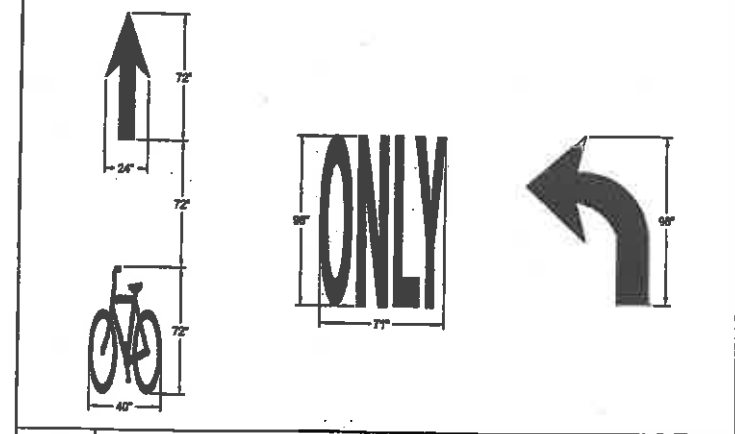
ITEM NO.	DESCRIPTION	SIZE	UNIT	QUANTITY
R7-8A	NO PARKING IN BIKE LANE	12" x 18"	EACH	7
R3-17	BIKE LANE	24" x 18"	EACH	20
R3-17AP	BIKE LANE (AHEAD)	24" x 8"	EACH	4
R3-17BP	BIKE LANE (ENDS)	24" x 8"	EACH	4
W11-1	BIKE WARNING SIGN	30" x 30"	EACH	8
W16-1P	SHARE THE ROAD WARNING SIGN	18" x 24"	EACH	8
R3-7R	RIGHT LANE MUST TURN RIGHT	30" x 30"	EACH	1
R7-1L	NO PARKING ANY TIME LEFT ARROW	12" x 18"	EACH	4
R7-1R	NO PARKING ANY TIME RIGHT ARROW	12" x 18"	EACH	2

D3	QUANTITIES
N.T.S.	



MATCHLINE (SEE SHEET 2)

PRELIMINARY



SSWL - SINGLE SOLID WHITE LINE	----- - EXISTING CURB & GUTTER
SSYL - SINGLE SOLID YELLOW LINE	===== - EXISTING STRIPING LINE (TO REMAIN)
SDWL - SINGLE DASHED WHITE LINE	----- - PROPOSED STRIPING LINE
SDYL - SINGLE DASHED YELLOW LINE	
DSYL - DOUBLE SOLID YELLOW LINE	
DYL - DOTTED YELLOW LINE	
DWL - DOTTED WHITE LINE	

A1
STANDARD PAVEMENT MARKINGS
1/4" = 1'-0"

A2
LEGEND AND TYPICAL NOTES
N.T.S.



GRAPHIC SCALE: 1" = 30'
0 30



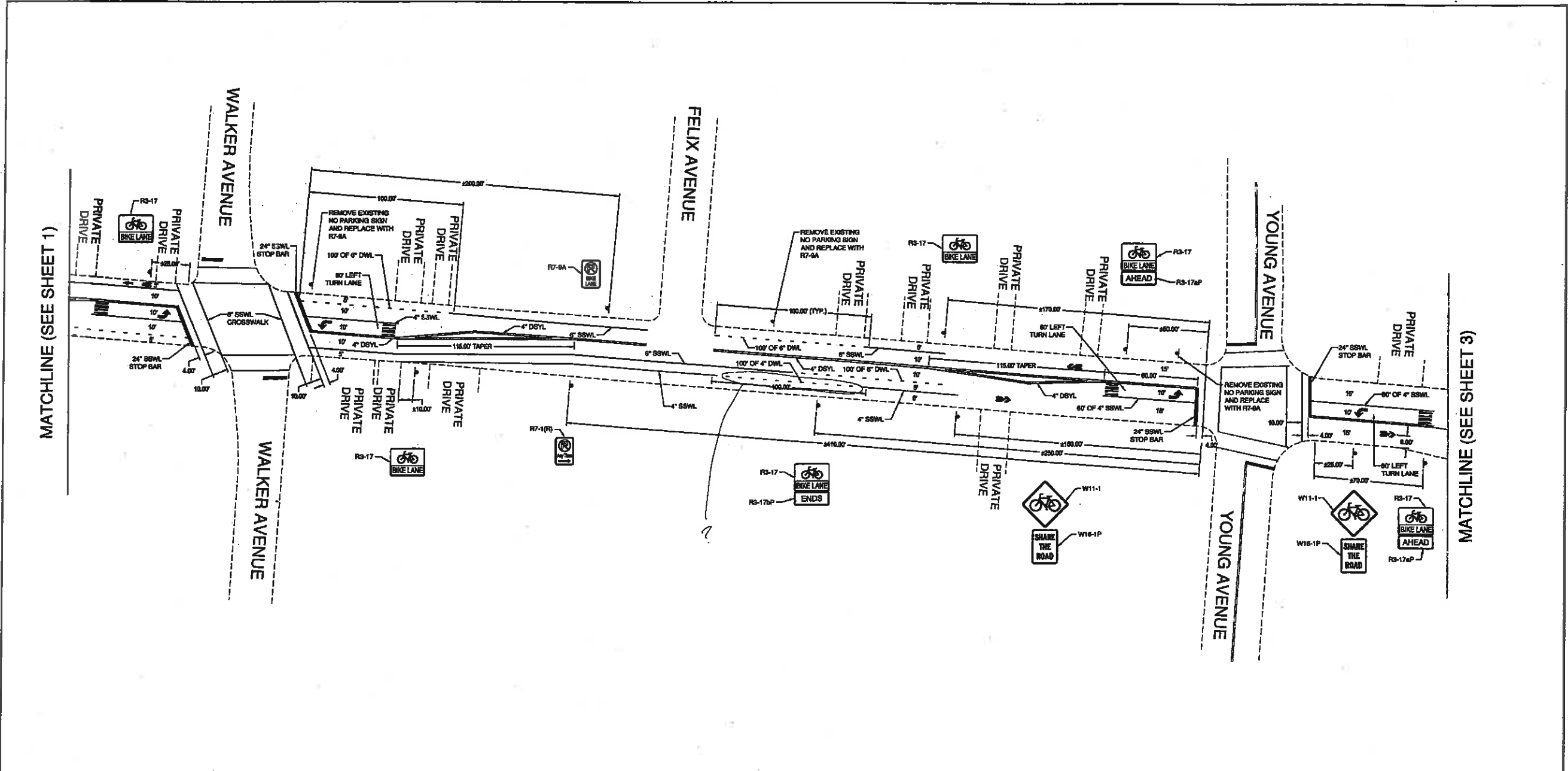
REVISION		
ITEM NO.	DESCRIPTION OF CHANGE	APPROVAL DATE

ENGINEERS SEAL

SHEET 1 OF 5
DIVISION OF ENGINEERING
SIGN AND MARKING
SOUTH COOPER STREET
FROM SOUTHERN AVENUE TO CENTRAL AVENUE

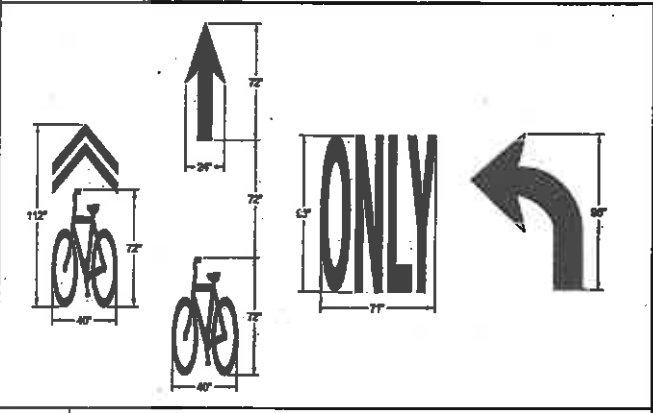
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 DRAWN BY: JDD DATE: 8/14/12 SCALE: 1" = 30'
 DESIGN BY: BH DATE: 8/14/12 PROJECT: _____
 REVIEWED BY: _____

CITY TRAFFIC ENGINEER DATE CITY ENGINEER DATE



MATCHLINE (SEE SHEET 1)

MATCHLINE (SEE SHEET 3)



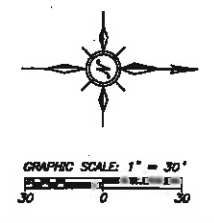
A1 STANDARD PAVEMENT MARKINGS
1/4" = 1'-0"

ESWL - SINGLE SOLID WHITE LINE
 SSWL - SINGLE SOLID YELLOW LINE
 SDWL - SINGLE DASHED WHITE LINE
 SDYL - SINGLE DASHED YELLOW LINE
 DSWL - DOUBLE SOLID YELLOW LINE
 DYL - DOTTED YELLOW LINE
 DWL - DOTTED WHITE LINE
 --- - EXISTING CURB & GUTTER
 - - - - EXISTING STRIPING LINE (TO REMAIN)
 = = = = PROPOSED STRIPING LINE

NOTE:
 1. THE SPACING FOR THE SHARED BIKE LANE PAVEMENT MARKING (SHARROW) IS TO BE 20'.

A2 LEGEND AND TYPICAL NOTES
N.T.S.

PRELIMINARY



A2H
 A2H ENGINEERING, INC.
 MEMPHIS, TN 38122-9944
 BRIDGEVILLE, MO 63022-2329
 www.a2h.com

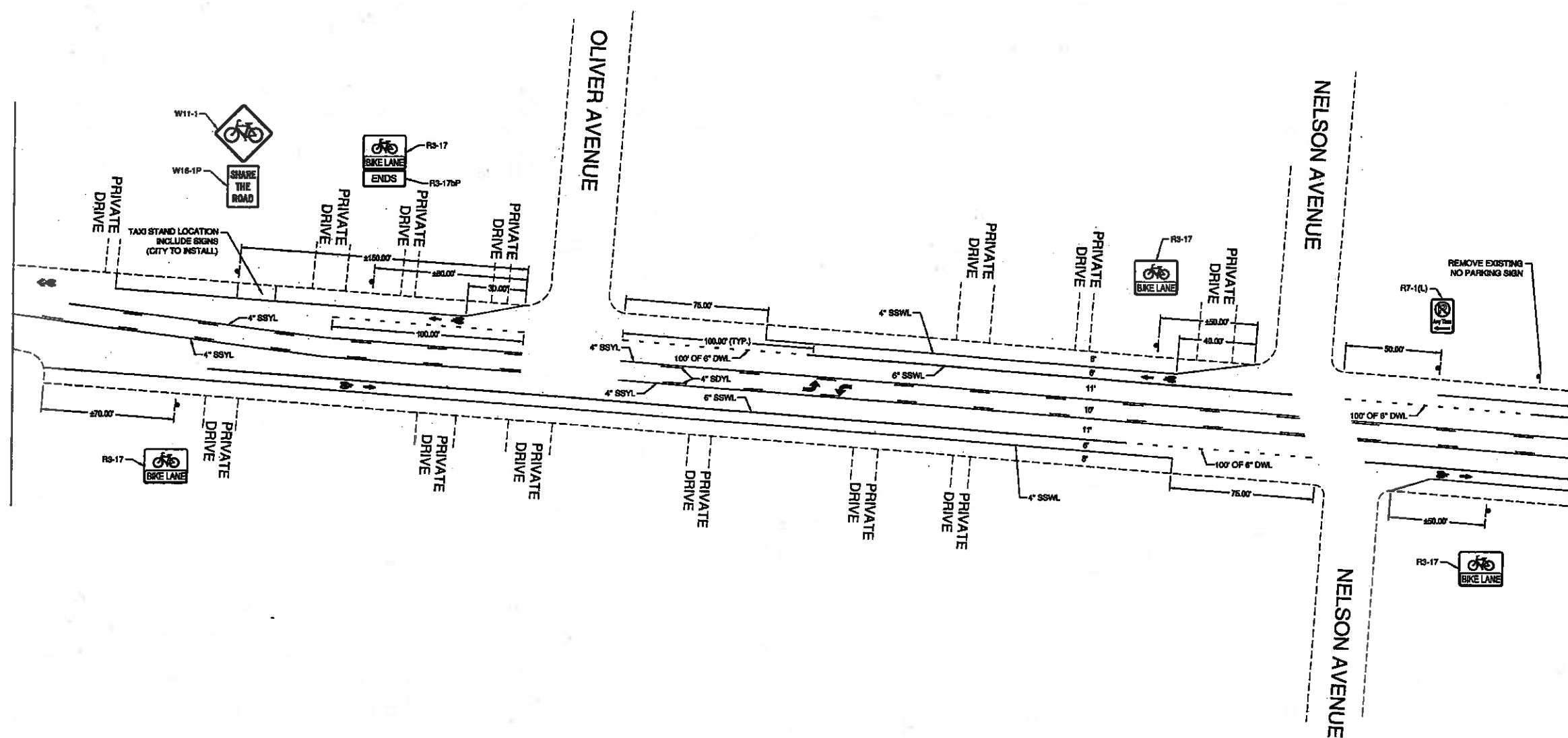
REVISION		
REV. NO.	DESCRIPTION OF CHANGE	APPROVAL DATE

ENGINEER'S SEAL

SHEET 2 OF 5
 DIVISION OF ENGINEERING
 SIGN AND MARKING
SOUTH COOPER STREET
 FROM SOUTHERN AVENUE TO CENTRAL AVENUE
 SURVEY: N/A DATE: N/A BOOK:
 DRAWN BY: JDD DATE: 8/14/12 SCALE: 1" = 30'
 DESIGN BY: BH DATE: 8/14/12 PROJECT:
 REVIEWED BY:

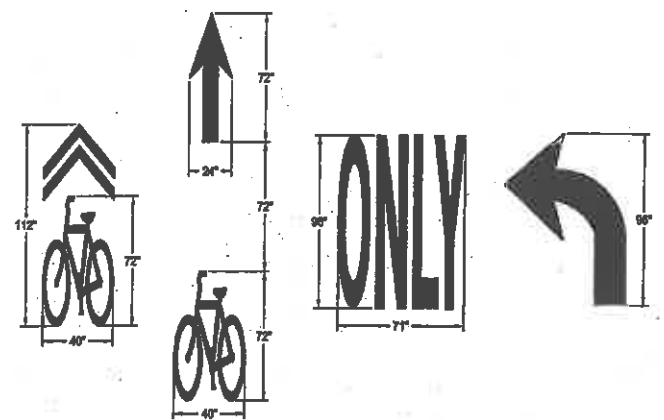
CITY TRAFFIC ENGINEER DATE CITY ENGINEER DATE

MATCHLINE (SEE SHEET 2)



MATCHLINE (SEE SHEET 4)

PRELIMINARY

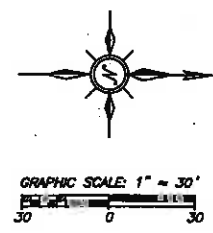


A1 STANDARD PAVEMENT MARKINGS
1/4" = 1'-0"

- SSWL - SINGLE SOLID WHITE LINE
- SSYL - SINGLE SOLID YELLOW LINE
- SOWL - SINGLE DASHED WHITE LINE
- SDYL - SINGLE DASHED YELLOW LINE
- DSYL - DOUBLE SOLID YELLOW LINE
- DYL - DOTTED YELLOW LINE
- DWL - DOTTED WHITE LINE
- EXISTING CURB & GUTTER
- EXISTING STRIPING LINE (TO REMAIN)
- PROPOSED STRIPING LINE

NOTE
1. THE SPACING FOR THE SHARED BIKE LANE PAVEMENT MARKING (SHARROW) IS TO BE 250'.

A2 LEGEND AND TYPICAL NOTES
N.T.S.



REVISION		
ITEM NO.	DESCRIPTION OF CHANGE	APPROVAL DATE

ENGINEER'S SEAL

SHEET 3 OF 5
DIVISION OF ENGINEERING
SIGN AND MARKING
SOUTH COOPER STREET
FROM SOUTHERN AVENUE TO CENTRAL AVENUE

SURVEY: N/A DATE: N/A BOOK:

DRAWN BY: JDD DATE: 8/14/12 SCALE: 1" = 30'

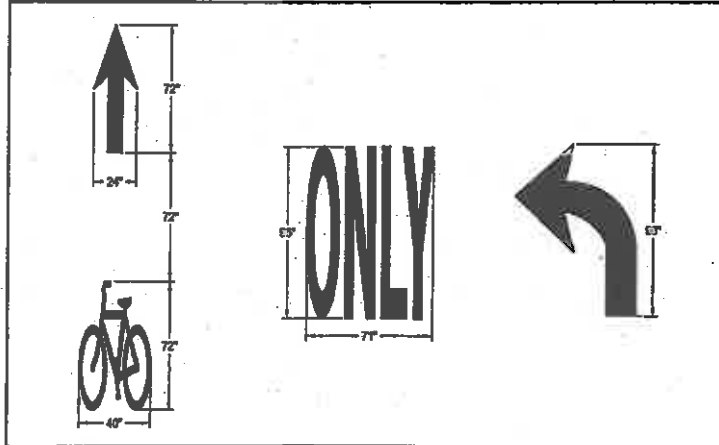
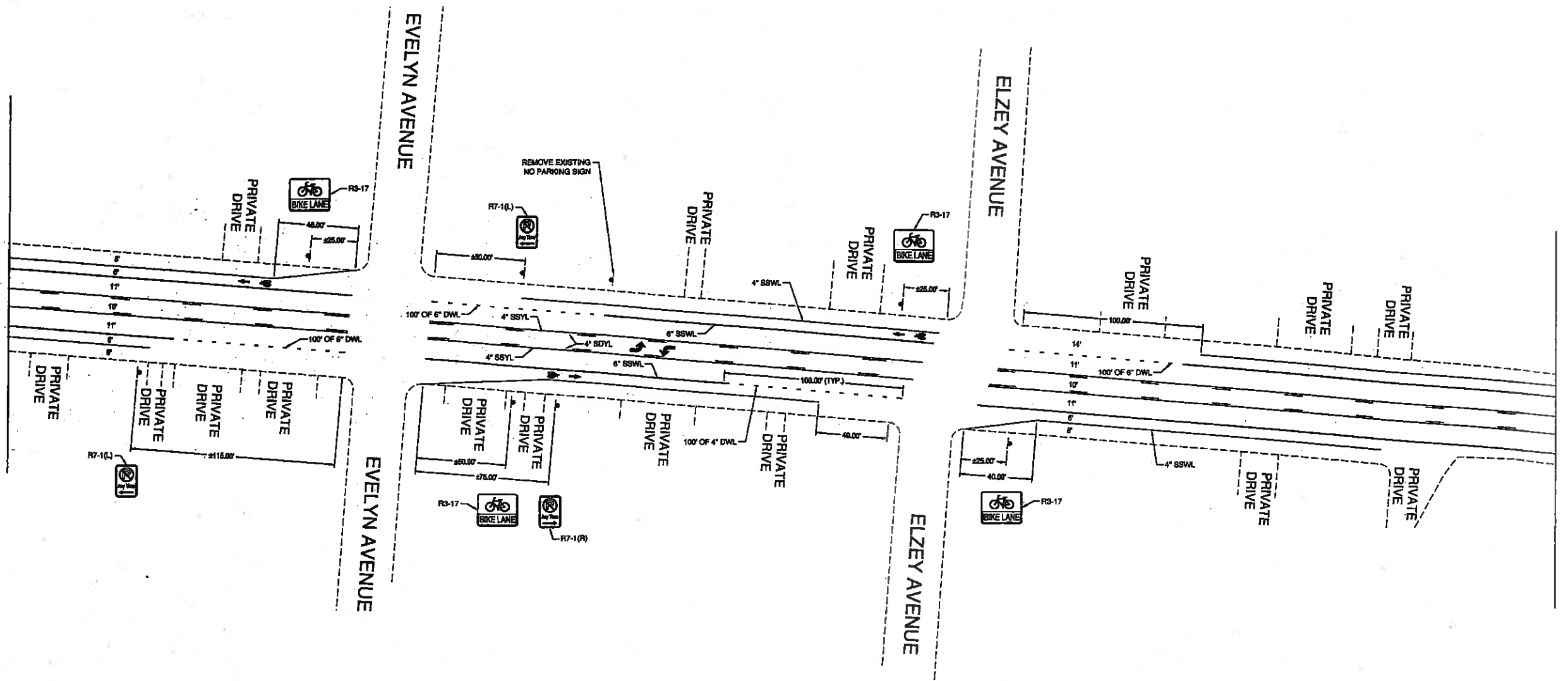
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REVIEWED BY:

CITY TRAFFIC ENGINEER DATE CITY ENGINEER DATE

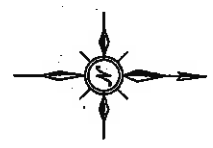
MATCHLINE (SEE SHEET 3)

MATCHLINE (SEE SHEET 5)



SSWL - SINGLE SOLID WHITE LINE	--- - EXISTING CURB & GUTTER
SBYL - SINGLE SOLID YELLOW LINE	== - EXISTING STRIPING LINE (TO REMAIN)
SDWL - SINGLE DASHED WHITE LINE	== - PROPOSED STRIPING LINE
SDYL - SINGLE DASHED YELLOW LINE	
DSYL - DOUBLE SOLID YELLOW LINE	
DYL - DOTTED YELLOW LINE	
DWL - DOTTED WHITE LINE	

PRELIMINARY



GRAPHIC SCALE: 1" = 30'
 30 0 30

A2H

ALLEN ENGINEERING & SURVEYING, INC.
 101272.0004
 662.296.2133

REVISION		
ITEM NO.	DESCRIPTION OF CHANGE	APPROVAL DATE

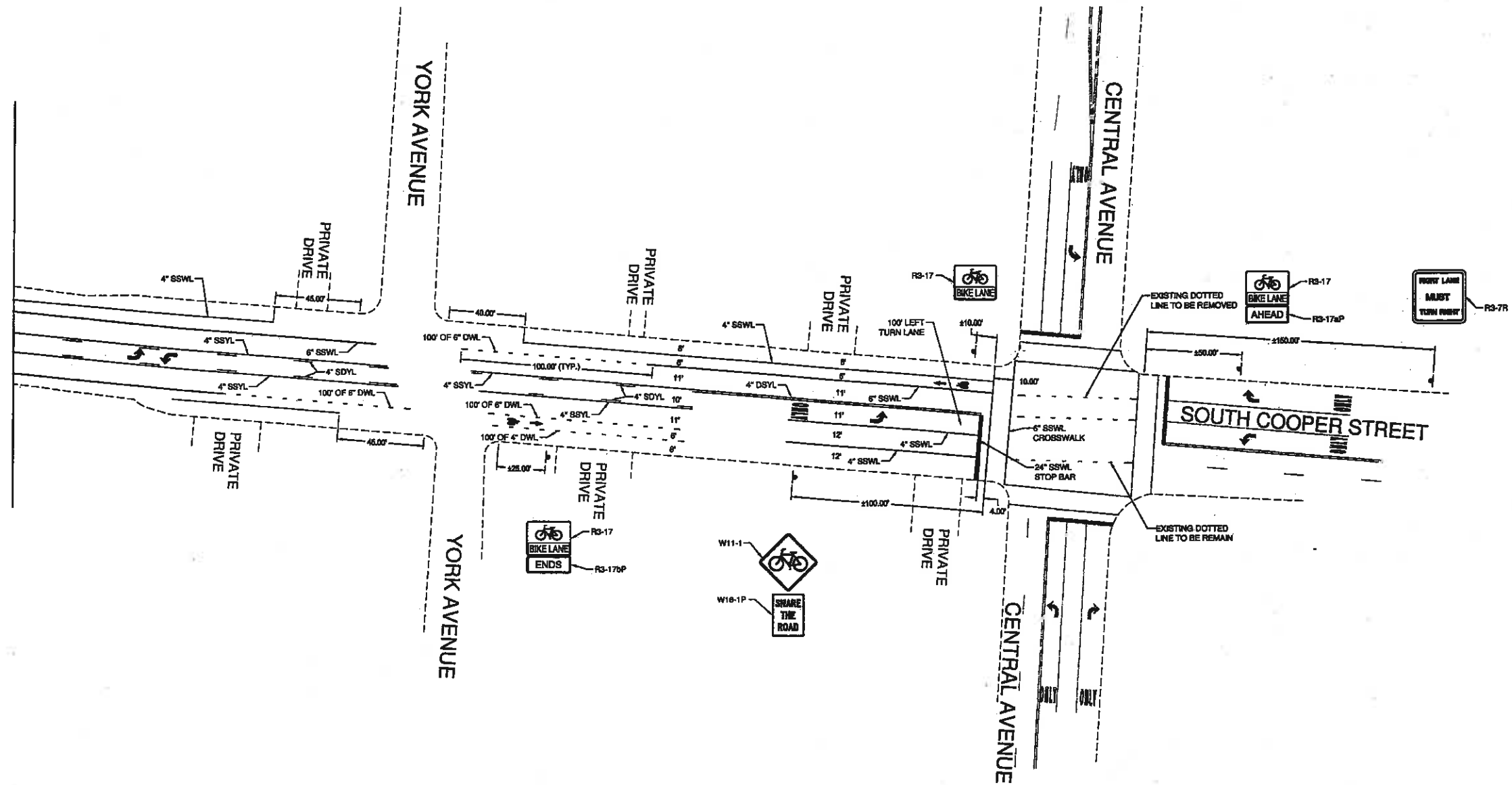
ENGINEERS SEAL

SHEET 4 OF 5
 DIVISION OF ENGINEERING
 SIGN AND MARKING
SOUTH COOPER STREET
 FROM SOUTHERN AVENUE TO CENTRAL AVENUE
 SURVEY: N/A DATE: N/A BOOK: _____
 DRAWN BY: JDD DATE: 6/14/12 SCALE: 1" = 30'
 DESIGN BY: BH DATE: 6/14/12 PROJECT: _____
 REVIEWED BY: _____
 CITY TRAFFIC ENGINEER DATE CITY ENGINEER DATE

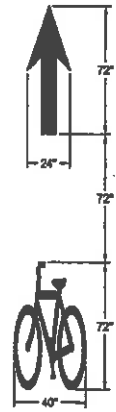
A1 STANDARD PAVEMENT MARKINGS
 1/4" = 1'-0"

A2 LEGEND AND TYPICAL NOTES
 N.T.S.

MATCHLINE (SEE SHEET 4)



PRELIMINARY



- SSWL - SINGLE SOLID WHITE LINE
- SSYL - SINGLE SOLID YELLOW LINE
- SDWL - SINGLE DASHED WHITE LINE
- SDYL - SINGLE DASHED YELLOW LINE
- DSYL - DOUBLE SOLID YELLOW LINE
- DYL - DOTTED YELLOW LINE
- DWL - DOTTED WHITE LINE
- - EXISTING CURB & GUTTER
- ==== - EXISTING STRIPING LINE (TO REMAIN)
- ==== - PROPOSED STRIPING LINE



GRAPHIC SCALE: 1" = 30'

A2H
 ARROW ENGINEERING INCORPORATED & ASSOCIATES, INC.
 MEMPHIS, TN 38117-2000
 MEMPHIS, TN 38117-2000
 www.a2h.com

REVISION		
ITEM NO.	DESCRIPTION OF CHANGE	APPROVAL DATE

ENGINEER'S SEAL

SHEET 5 OF 5
 DIVISION OF ENGINEERING
 SIGN AND MARKING
SOUTH COOPER STREET
 FROM SOUTHERN AVENUE TO CENTRAL AVENUE
 SURVEY: N/A DATE: N/A BOOK: _____
 DRAWN BY: JDD DATE: 6/14/12 SCALE: 1" = 30'
 DESIGN BY: BH DATE: 6/14/12 PROJECT: _____
 REVIEWED BY: _____
 CITY TRAFFIC ENGINEER DATE: _____ CITY ENGINEER DATE: _____

A1 STANDARD PAVEMENT MARKINGS
 1/4" = 1'-0"

A2 LEGEND AND TYPICAL NOTES
 N.T.S.