7:12:20 AM

6/18/2010

EMERSON AVE N

PLYMOUTH AVE N

15.0'
15.0'
15.0'
15.0'

MATCHLINE A

EXISTING

PROPOSED

EMERSON AVE N

Glenwood Av 1 2 Downtown D-109 ①

PLYMOUTH AVE N

② 4DW

Webber Pkwy 3 Theo Wirth Pkwy 1½ D-111 ①

BIKE LANE C-101 ①

Glenwood Av 1 D-110 ①

4SW

4BW

7.0'
11.5'
11.5'
11.5'
11.5'
7.0'

MATCHLINE A

PAVEMENT MARKING KEY

1ST DIGIT WIDTH	2ND DIGIT PATTERN	3RD DIGIT COLOR
4", 8", ETC.	S - SOLID B - BROKEN D - DOTTED/DOUBLE	W - WHITE Y - YELLOW B - BLACK

EXAMPLE: 4SW = 4" SOLID LINE WHITE-POLY PREFORM

- TRIANGLE - PAINT
- SQUARE - POLY PREFORM (GROUND IN)
- PAVEMENT MESSAGE (LANE ARROW)
- PAVEMENT MESSAGE (BIKE SYMBOL WITH SHARROW)
- PAVEMENT MESSAGE (BIKE SYMBOL WITH ARROW)
- EXISTING PAVEMENT MARKINGS

40 0 40 80
scale 20 feet

SPECIFIC NOTES:

① FURNISH AND INSTALL.

② 2' STRIPE, 6' GAP.

GENERAL NOTES:

1. TYPE C & D SIGNS WILL BE F&I BY THE CITY OF MINNEAPOLIS.
2. REMOVE CONFLICTING PAVEMENT MARKINGS.

S.P. 141-091-020

DESIGN TEAM	NO.	BY	DATE	REVISIONS
DRAWN BY: MTT				
DESIGNER: DRB				
CHECKED BY: HNK				

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Certified By: _____ Lic. No. 42804
Licensed Professional Engineer
Printed Name: HEATHER N. KIENITZ Date: 6/18/2010

MINNEAPOLIS DEPARTMENT OF PUBLIC WORKS

SEH
PHONE: (651)490-2000
3535 VADNAIS CENTER DR.
ST. PAUL, MN 55110

MINNEAPOLIS, MINNESOTA
S.P. 141-091-020

7TH ST N / 9TH ST N / 10TH AVE N BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438

I OF II

79 / 259

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plnsht 1

7:12:23 AM

6/18/2010

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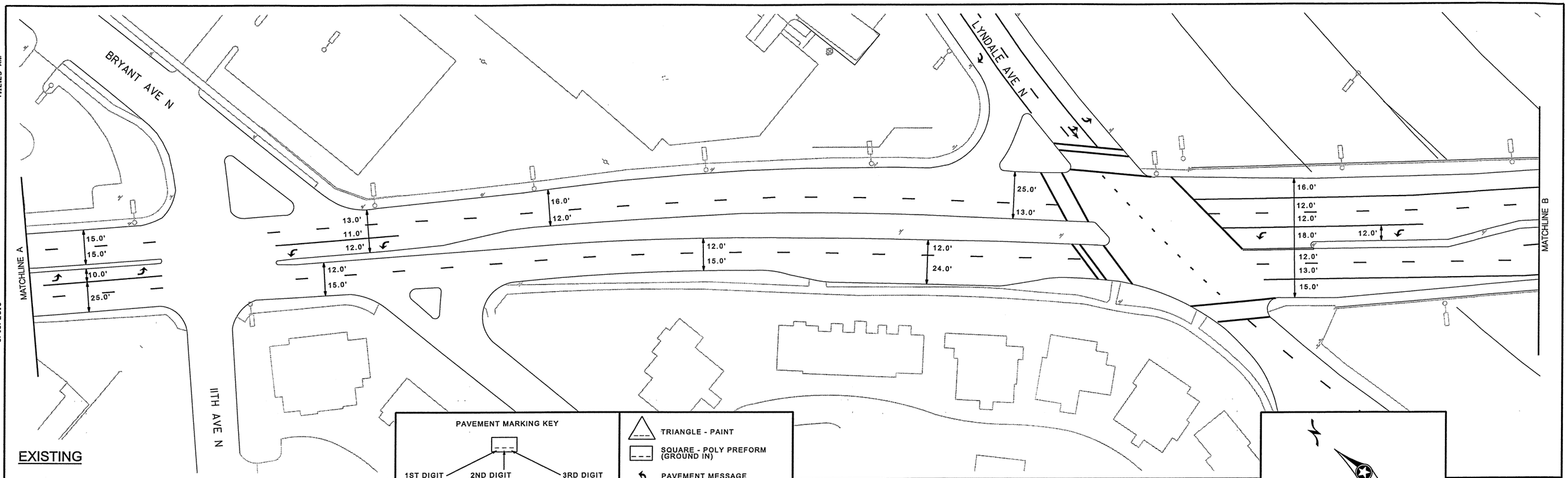
EXISTING



PAVEMENT MARKING KEY

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	B - BROKEN	Y - YELLOW
	D - DOTTED/DOUBLE	B - BLACK

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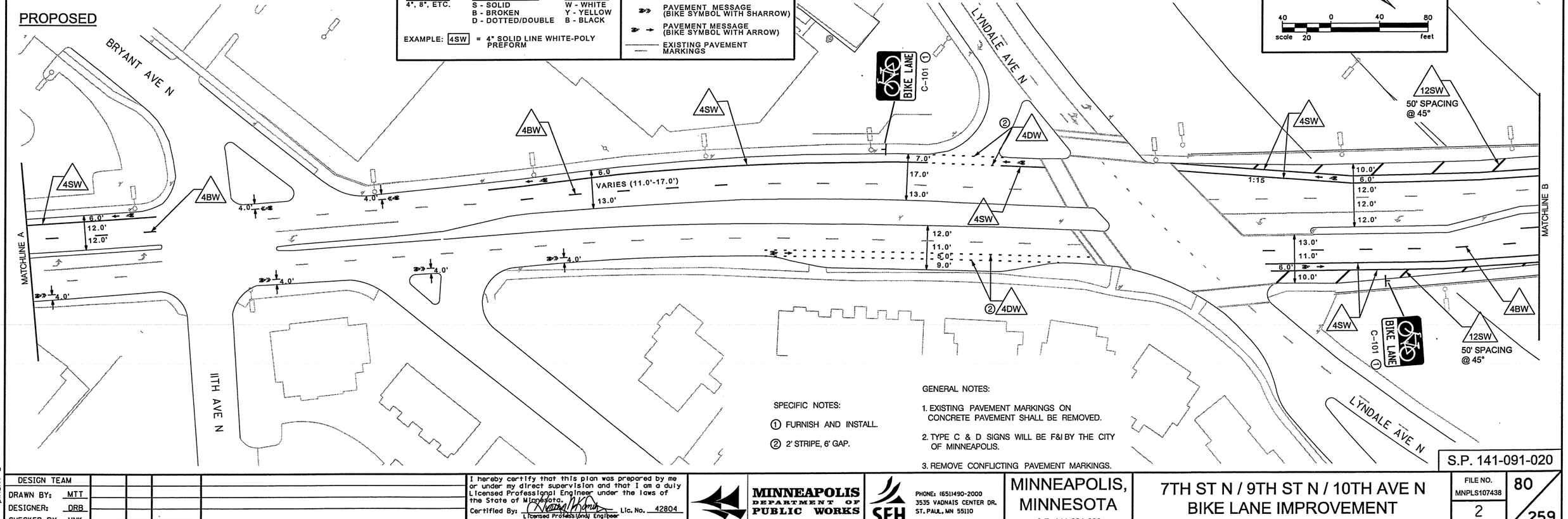
- PAVEMENT MESSAGE (LANE ARROW)
- PAVEMENT MESSAGE (BIKE SYMBOL WITH SHARROW)
- PAVEMENT MESSAGE (BIKE SYMBOL WITH ARROW)
- EXISTING PAVEMENT MARKINGS

scale 20: 40 0 40 80 feet

PROPOSED



SPECIFIC NOTES:

(1) FURNISH AND INSTALL.

(2) 2' STRIPE, 6' GAP.

GENERAL NOTES:

1. EXISTING PAVEMENT MARKINGS ON CONCRETE PAVEMENT SHALL BE REMOVED.
2. TYPE C & D SIGNS WILL BE F&I BY THE CITY OF MINNEAPOLIS.
3. REMOVE CONFLICTING PAVEMENT MARKINGS.

S.P. 141-091-020

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CHECKED BY: HNK				

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MINNEAPOLIS, MINNESOTA
S.P. 141-091-020

7TH ST N / 9TH ST N / 10TH AVE N BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438

2 OF 11

80 / 259

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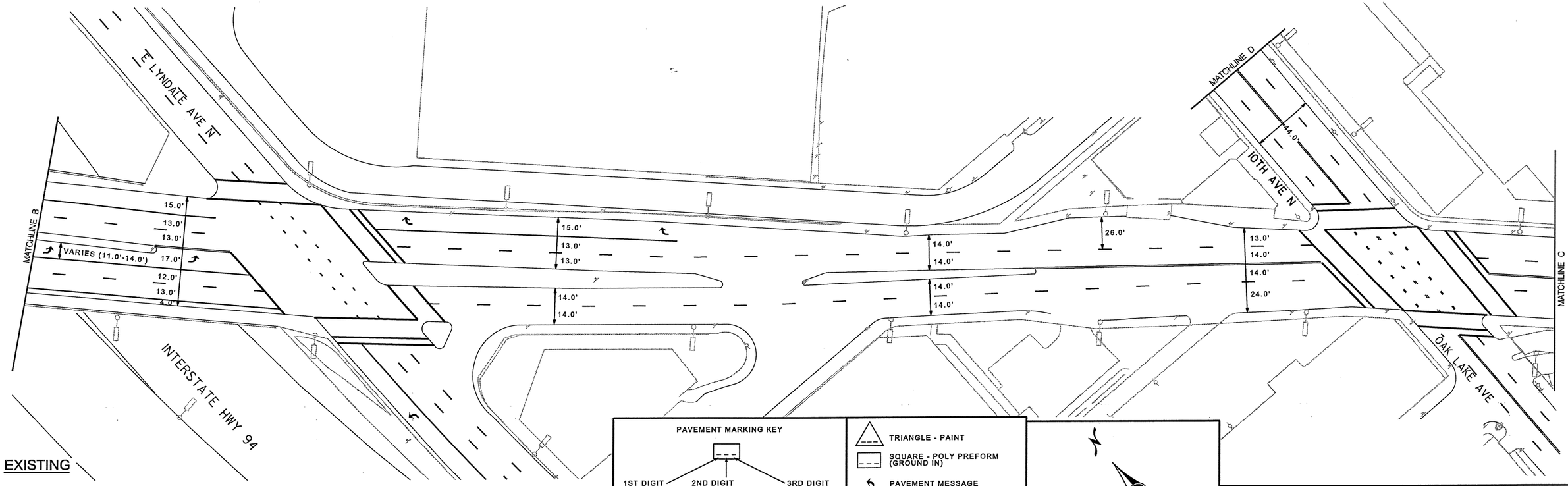
6/18/2010

EXISTING



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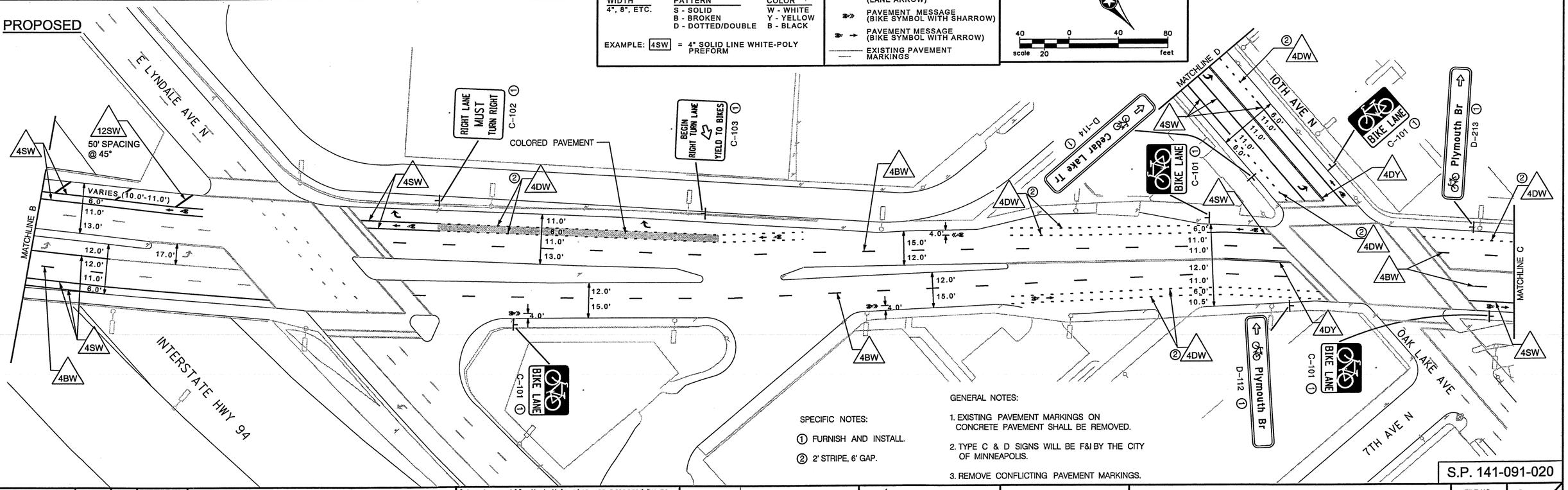

PAVEMENT MARKING KEY

1ST DIGIT WIDTH	2ND DIGIT PATTERN	3RD DIGIT COLOR
4", 8", ETC.	S - SOLID	W - WHITE
	B - BROKEN	Y - YELLOW
	D - DOTTED/DOUBLE	B - BLACK

EXAMPLE: 4SW = 4" SOLID LINE WHITE-POLY PREFORM

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- PAVEMENT MESSAGE (BIKE SYMBOL WITH SHARROW)
- PAVEMENT MESSAGE (BIKE SYMBOL WITH ARROW)
- EXISTING PAVEMENT MARKINGS

40 0 40 80
scale 20 feet

SPECIFIC NOTES:

① FURNISH AND INSTALL.

② 2' STRIPE, 6' GAP.

GENERAL NOTES:

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7TH ST N / 9TH ST N / 10TH AVE N BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438

3 OF 11

81/259

S:\K0\M\Mnpls\107438\5-dsgn\51-cadd\Civil\plnshts\Phase 2\7th St N & 10th Ave N_SS.dgn
plnsht 3

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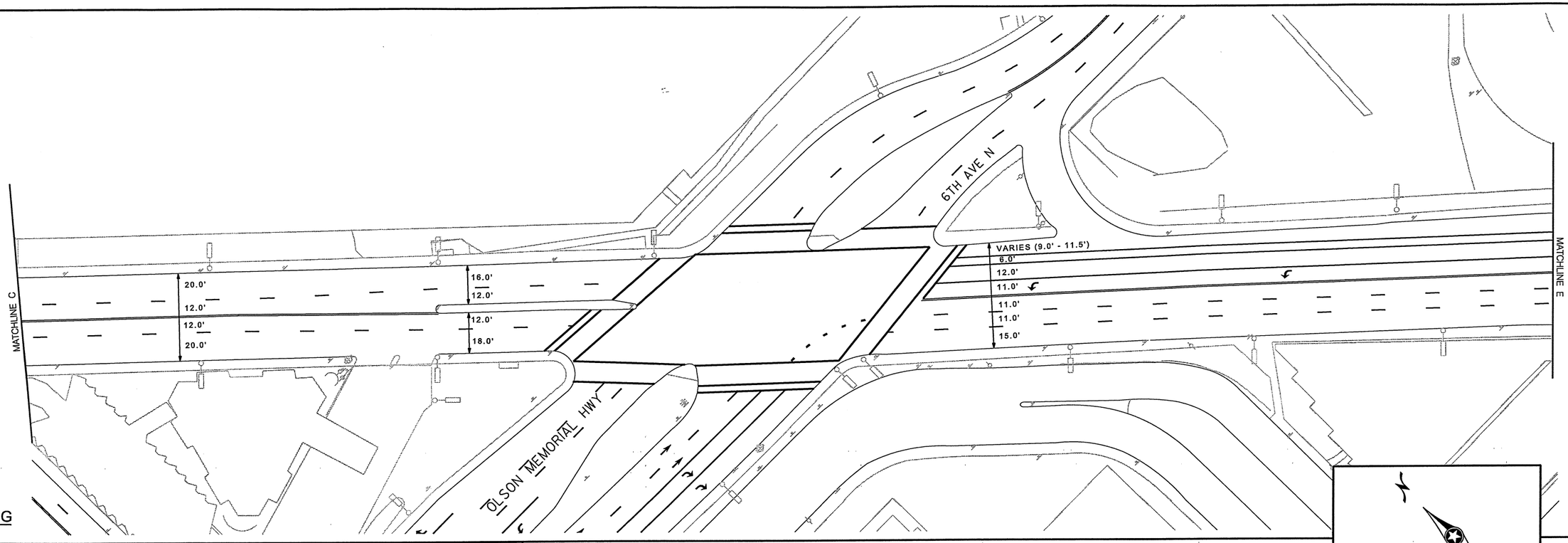
6/18/2010



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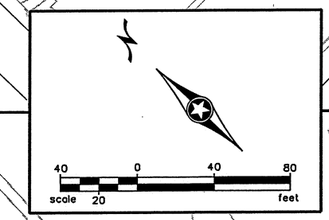

PROPOSED

PAVEMENT MARKING KEY

1ST DIGIT WIDTH	2ND DIGIT PATTERN	3RD DIGIT COLOR
4", 8", ETC.	S - SOLID B - BROKEN D - DOTTED/DOUBLE	W - WHITE Y - YELLOW B - BLACK

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SQUARE - POLY PREFORM (GROUND IN)

PAVEMENT MESSAGE (LANE ARROW)

PAVEMENT MESSAGE (BIKE SYMBOL WITH SHARROW)

PAVEMENT MESSAGE (BIKE SYMBOL WITH ARROW)

EXISTING PAVEMENT MARKINGS

GENERAL NOTES:

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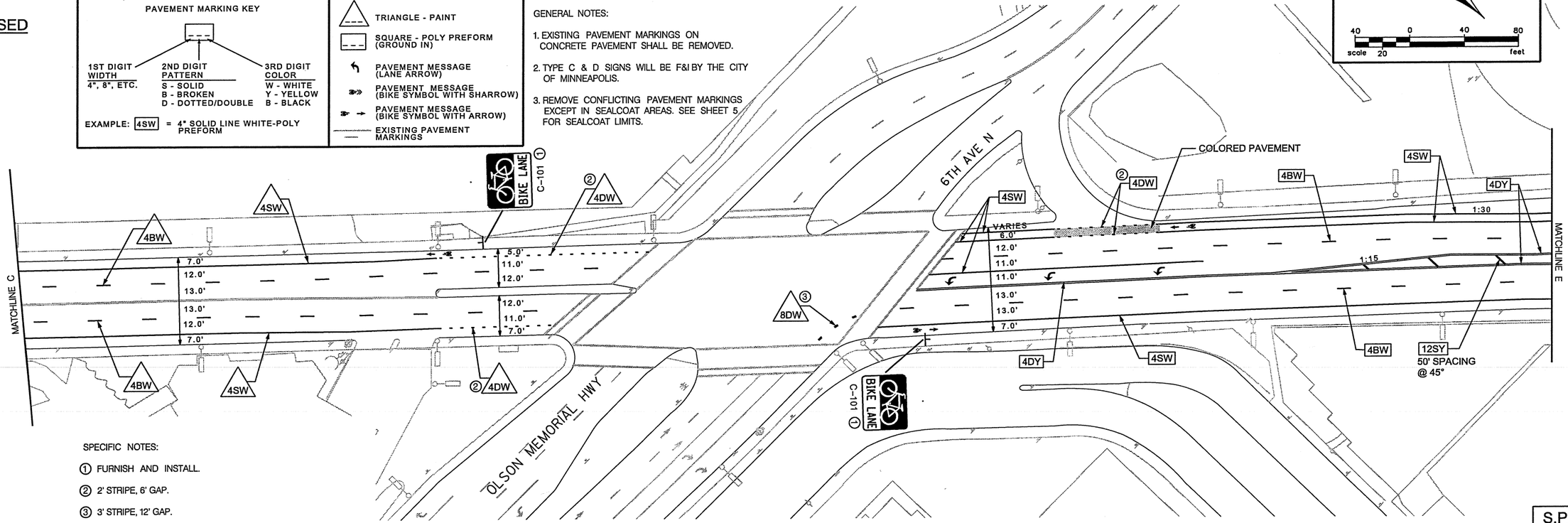

SPECIFIC NOTES:

① FURNISH AND INSTALL.

② 2' STRIPE, 6' GAP.

③ 3' STRIPE, 12' GAP.

S.P. 141-091-020

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DRAWN BY: MTT				
DESIGNER: DRB				
CHECKED BY: HNK				

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MINNEAPOLIS, MINNESOTA
S.P. 141-091-020

7TH ST N / 9TH ST N / 10TH AVE N BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438

4 OF 11

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plnsht 4

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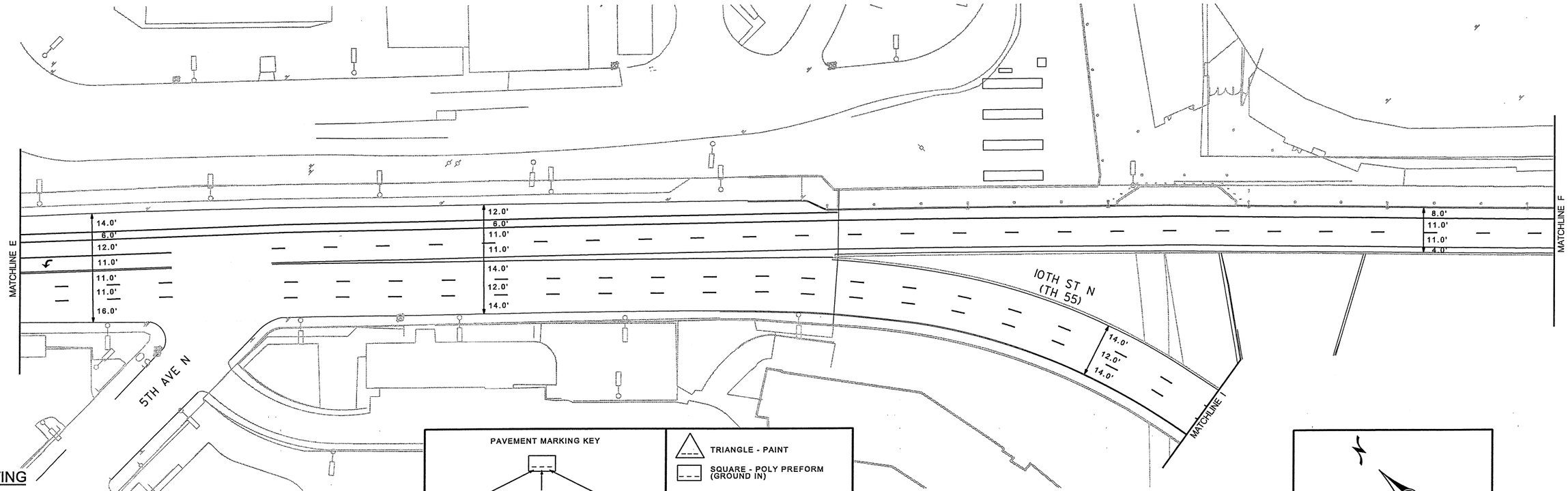
plnsht 5

EXISTING



PAVEMENT MARKING KEY

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4", 8", ETC.	S - SOLID B - BROKEN D - DOTTED/DOUBLE	W - WHITE Y - YELLOW B - BLACK

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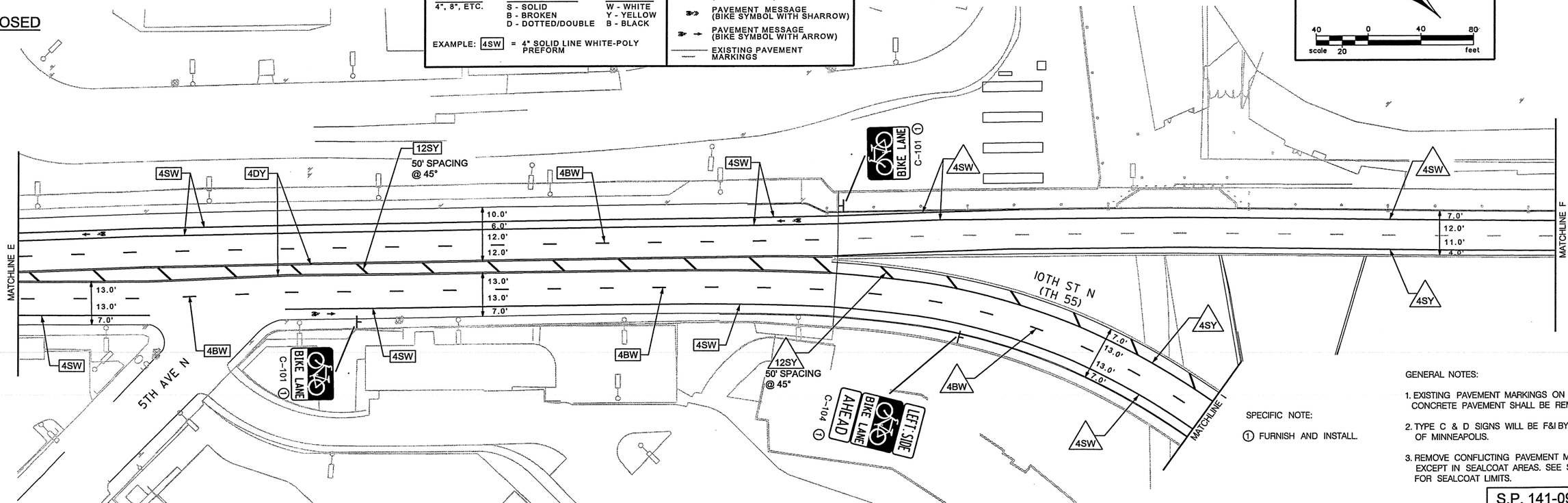
- PAVEMENT MESSAGE (BIKE SYMBOL WITH SHARROW)
- PAVEMENT MESSAGE (BIKE SYMBOL WITH ARROW)
- EXISTING PAVEMENT MARKINGS

N

40 0 40 80
scale 20 feet

PROPOSED



SPECIFIC NOTE:

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S.P. 141-091-020

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DESIGNER: DRB				
CHECKED BY: HNK				

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Printed Name: HEATHER N. KIENITZ Date: 6/18/2010

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ST. PAUL, MN 55110

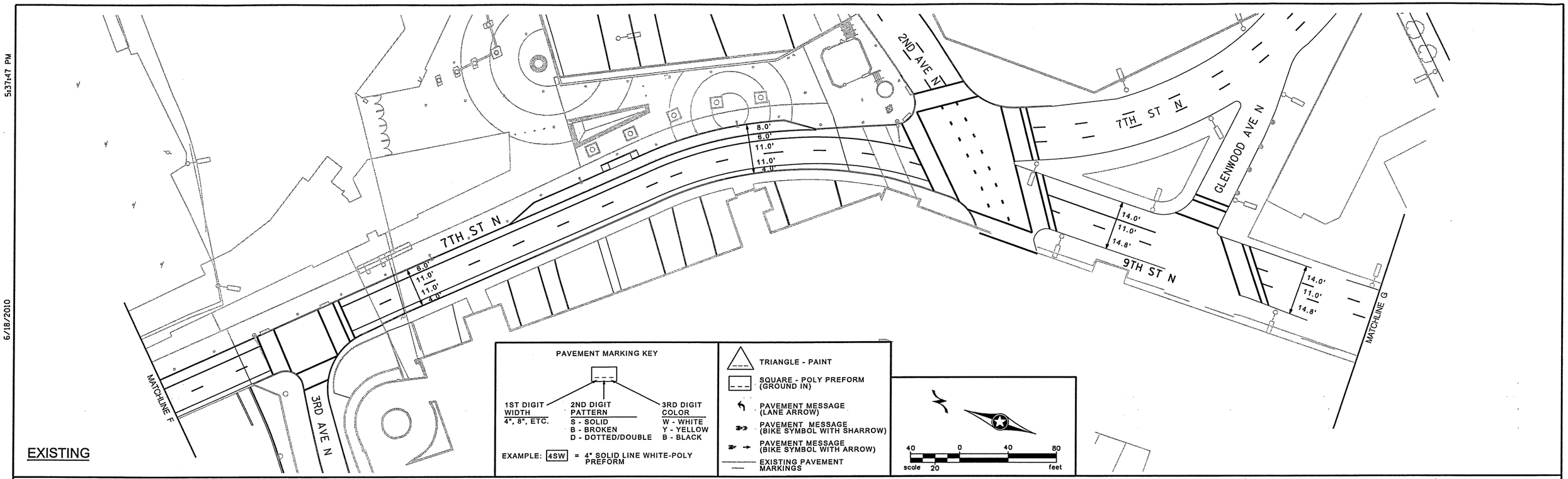
MINNEAPOLIS, MINNESOTA
S.P. 141-091-020

7TH ST N / 9TH ST N / 10TH AVE N BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438

5 OF 11

83 / 259



S.P. 141-091-020

DESIGN TEAM				
DRAWN BY: MTT				
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CHECKED BY: HNK	NO.	BY	DATE	REVISIONS

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Printed Name: HEATHER N. KIENITZ Date: 6/18/2010

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3535 VADNAIS CENTER DR.
ST. PAUL, MN 55110

MINNEAPOLIS, MINNESOTA
S.P. 141-091-020

7TH ST N / 9TH ST N / 10TH AVE N BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438
6 OF 11
84 / 259

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6/18/2010
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plnsht 6

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plnsht 7

EXISTING

PROPOSED

PAVEMENT MARKING KEY

1ST DIGIT WIDTH	2ND DIGIT PATTERN	3RD DIGIT COLOR
4", 8", ETC.	S - SOLID B - BROKEN D - DOTTED/DOUBLE	W - WHITE Y - YELLOW B - BLACK

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- PAVEMENT MESSAGE (BIKE SYMBOL WITH SHARROW)
- PAVEMENT MESSAGE (BIKE SYMBOL WITH ARROW)
- EXISTING PAVEMENT MARKINGS

40 0 40 80
scale 20 feet

SPECIFIC NOTES:

① FURNISH AND INSTALL.

② 2' STRIPE, 6' GAP.

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ST. PAUL, MN 55110

MINNEAPOLIS, MINNESOTA
S.P. 141-091-020

7TH ST N / 9TH ST N / 10TH AVE N BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438

7 OF 11

85 / 259

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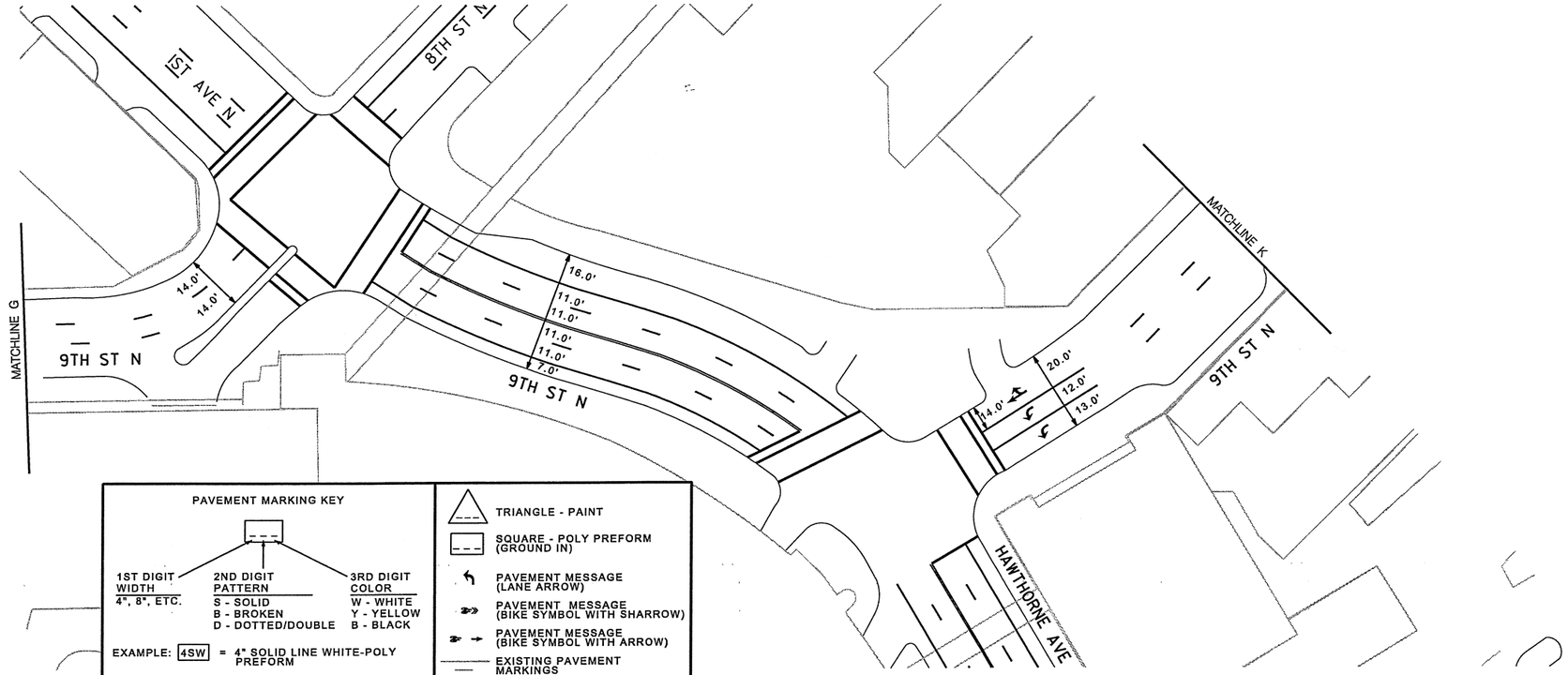
6/18/2010

EXISTING



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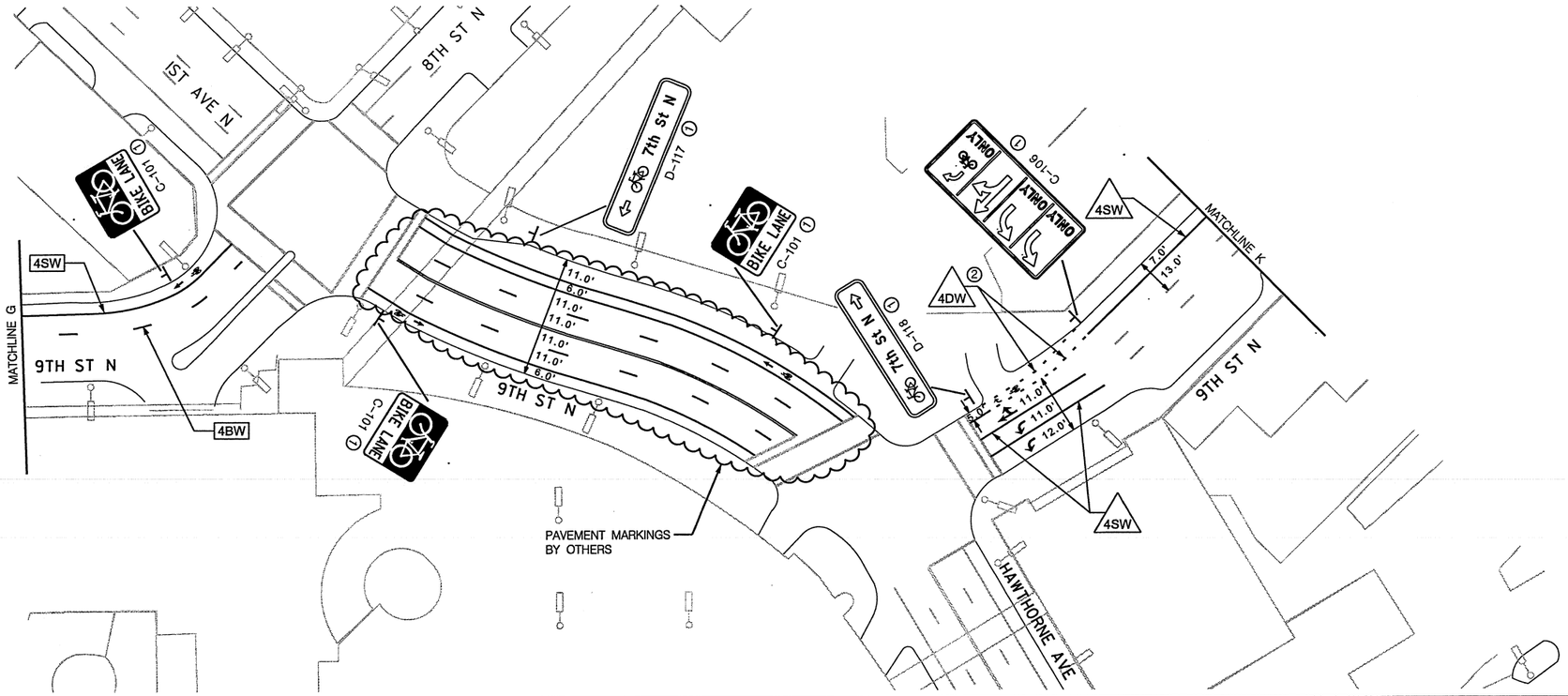

SPECIFIC NOTES:

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7TH ST N / 9TH ST N / 10TH AVE N BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438

8 OF 11

86 / 259

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plnsht 8

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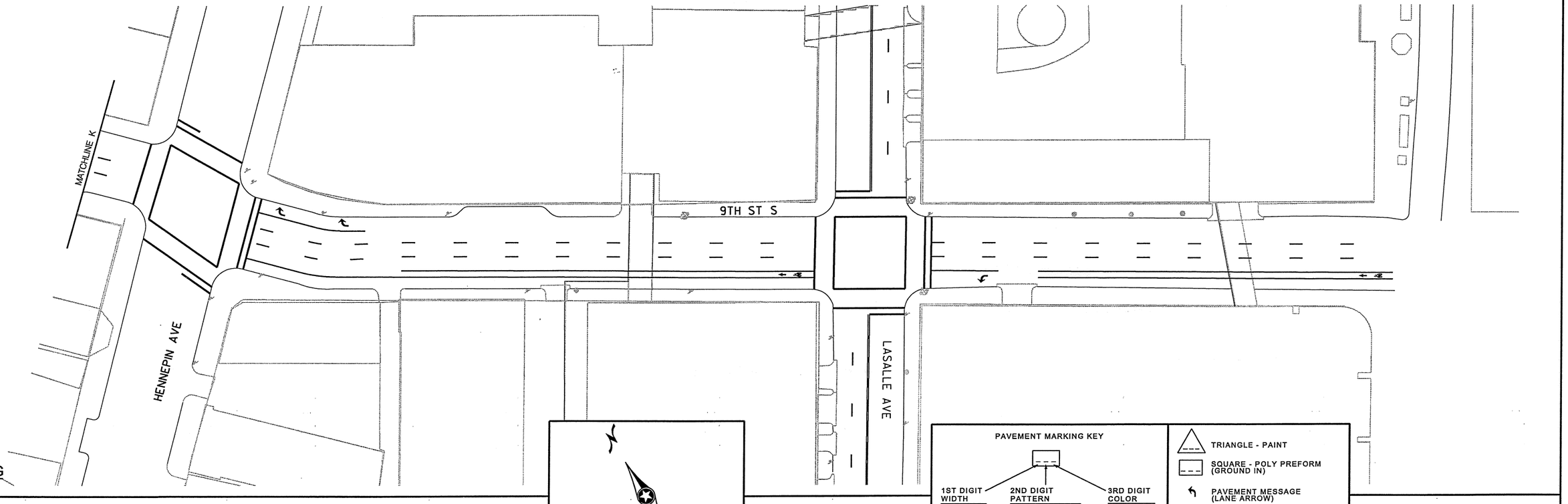

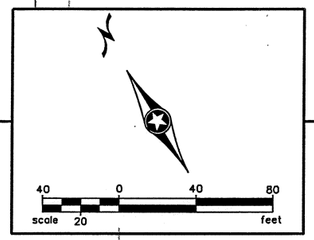

PAVEMENT MARKING KEY

1ST DIGIT WIDTH	2ND DIGIT PATTERN	3RD DIGIT COLOR
4", 8", ETC.	S - SOLID	W - WHITE
	B - BROKEN	Y - YELLOW
	D - DOTTED/DOUBLE	B - BLACK

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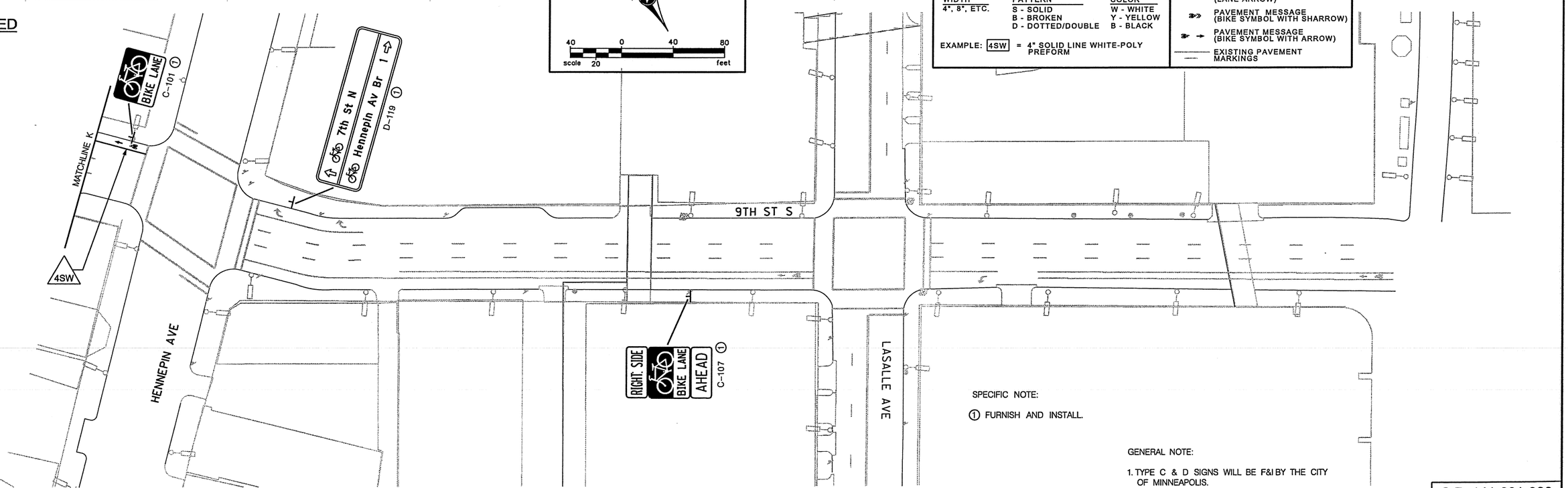
- PAVEMENT MESSAGE (BIKE SYMBOL WITH SHARROW)
- PAVEMENT MESSAGE (BIKE SYMBOL WITH ARROW)
- EXISTING PAVEMENT MARKINGS

PROPOSED



SPECIFIC NOTE:

① FURNISH AND INSTALL.

GENERAL NOTE:

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S.P. 141-091-020

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CHECKED BY: HNK				

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MINNEAPOLIS, MINNESOTA
S.P. 141-091-020

7TH ST N / 9TH ST N / 10TH AVE N BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438

9 OF 11

87 / 259

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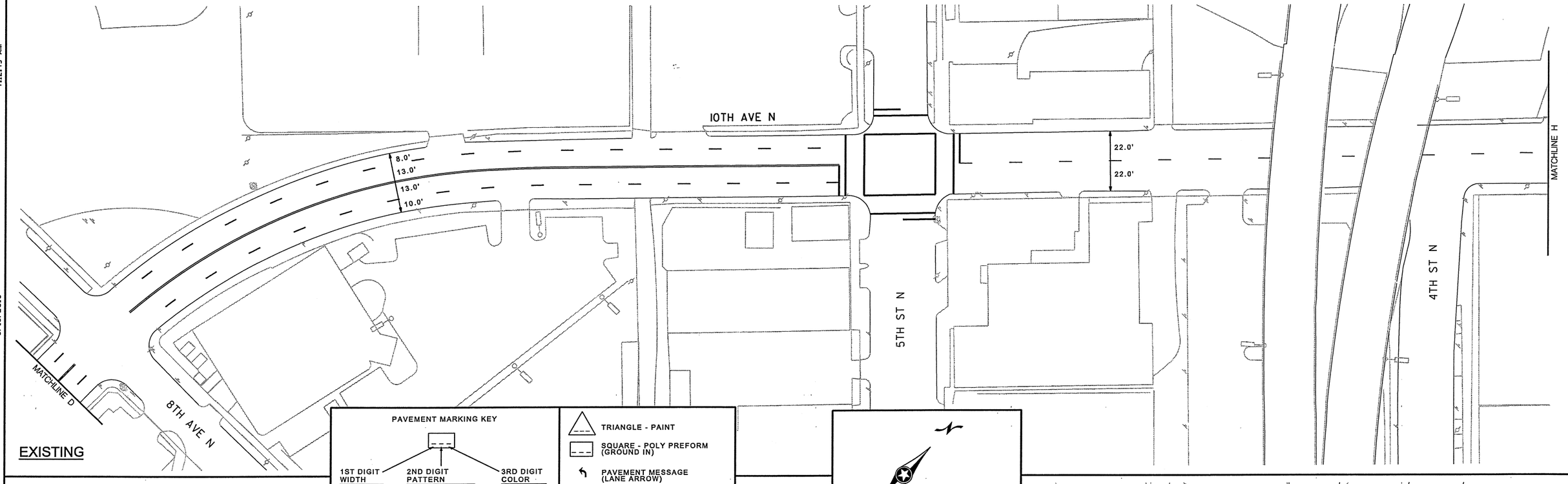
6/18/2010

EXISTING



PAVEMENT MARKING KEY

1ST DIGIT WIDTH: 4", 8", ETC.
2ND DIGIT PATTERN: S - SOLID; B - BROKEN; D - DOTTED/DOUBLE
3RD DIGIT COLOR: W - WHITE; Y - YELLOW; B - BLACK

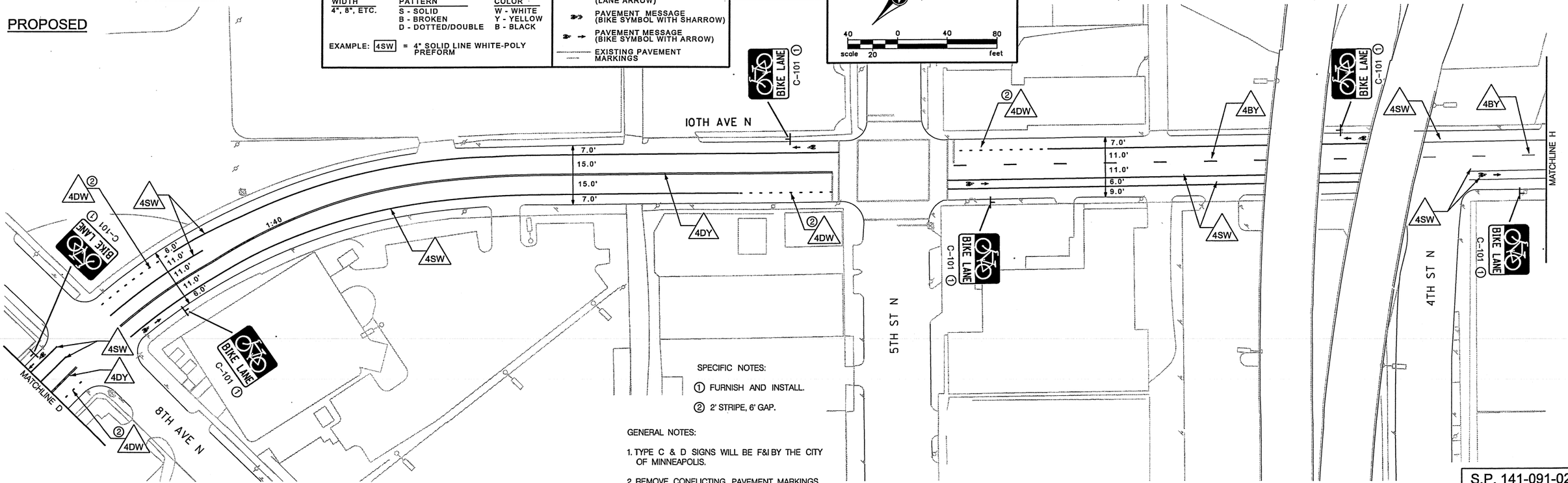
EXAMPLE: 4SW = 4" SOLID LINE WHITE-POLY PREFORM

TRIANGLE - PAINT
SQUARE - POLY PREFORM (GROUND IN)
PAVEMENT MESSAGE (LANE ARROW)
PAVEMENT MESSAGE (BIKE SYMBOL WITH SHARROW)
PAVEMENT MESSAGE (BIKE SYMBOL WITH ARROW)
EXISTING PAVEMENT MARKINGS

N

40 0 40 80
scale 20 feet

PROPOSED



SPECIFIC NOTES:

① FURNISH AND INSTALL.

② 2' STRIPE, 6' GAP.

GENERAL NOTES:

1. TYPE C & D SIGNS WILL BE F&I BY THE CITY OF MINNEAPOLIS.
2. REMOVE CONFLICTING PAVEMENT MARKINGS.

S.P. 141-091-020

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FILE NO. MNPLS107438
10 OF 11
88 / 259

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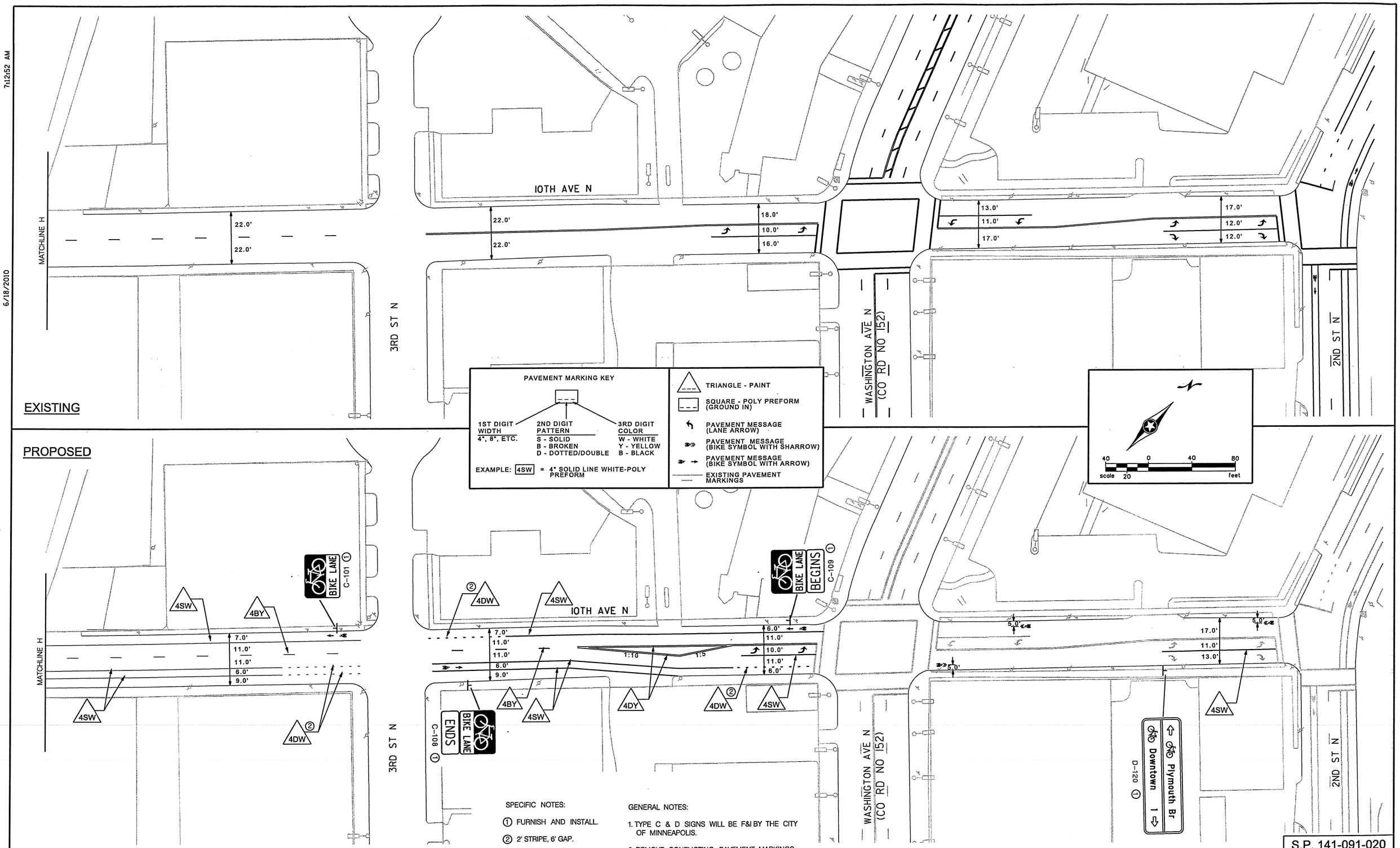
plnsht 10



SPECIFIC NOTES:

① FURNISH AND INSTALL.

② 2' STRIPE, 6' GAP.

GENERAL NOTES:

1. TYPE C & D SIGNS WILL BE F&I BY THE CITY OF MINNEAPOLIS.
2. REMOVE CONFLICTING PAVEMENT MARKINGS.

S.P. 141-091-020

DESIGN TEAM				
DRAWN BY: MTT				
DESIGNER: DRB				
CHECKED BY: HNK	NO.	BY	DATE	REVISIONS

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.
Certified By: Licensed Professional Engineer Lic. No. 42804
Printed Name: HEATHER N. KIENITZ Date: 6/18/2010

MINNEAPOLIS DEPARTMENT OF PUBLIC WORKS

SEH
PHONE: (651)490-2000
3535 VADNAIS CENTER DR.
ST. PAUL, MN 55110

MINNEAPOLIS, MINNESOTA
S.P. 141-091-020

7TH ST N / 9TH ST N / 10TH AVE N
BIKE LANE IMPROVEMENT

FILE NO. MNPLS107438
II OF II

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