



Request for City Council Committee Action From the Department of Public Works

Date: July 27, 2004
To: Honorable Sandra Colvin Roy, Chair Transportation & Public Works Committee
Referral to: Honorable Barbara Johnson, Chair Ways and Means/Budget Committee

Subject: **RiverLake Greenway (40th Street Greenway) - Phase 2
(Lake Harriet Parkway to Lyndale Avenue South)**

Recommendation:

1. Approve layouts for construction of Phase 2 of the RiverLake Greenway in the East Harriet Farmstead Neighborhood.
2. Order the City Engineer to proceed and do the work per the approved layouts.
3. Amend the 2004 Capital Improvement Appropriation Resolution for the Public Works - Transportation Capital Agency in Permanent Improvement Fund (4100-943-9470) by \$85,000 and increase the revenue source 3845 (4100-943-9440) by \$85,000 to be reimbursed by NRP.

Previous Directives:

- August 29, 2002: Council Action taken to approve the Kingfield phase of the RiverLake Greenway
- February 5, 2003: MPRB Action approving the East Harriet phase of the RiverLake Greenway

Prepared by: Donald Pflaum, Transportation Engineer, 612-673-2129

Approved by:

Klara A. Fabry, P.E., City Engineer, Director of Public Works

Presenters: Jon Wertjes, P.E., P.T.O.E., Director, Traffic and Parking Services

Financial Impact (Check those that apply)

No financial impact - or - Action is within current department budget.
(If checked, go directly to Background/Supporting Information)

Action requires an appropriation increase to the Capital Budget

Action requires an appropriation increase to the Operating Budget

Action provides increased revenue for appropriation increase – Capital Only

Action requires use of contingency or reserves

Other financial impact (Explain):

Request provided to the Budget Office when provided to the Committee Coordinator

Background/History:

The RiverLake Greenway (40th Street Greenway) is a multi-neighborhood driven initiative to calm traffic on 40th/42nd Street West, to provide bicycle facilities, and to add more green space in the 40th/42nd Street West corridor from the Chain of Lakes to the Mississippi River. Each neighborhood along the RiverLake Greenway corridor is working with Public Works on how to achieve these goals without negatively impacting its residents. Due to constraints such as loss of parking and varied street widths, each neighborhood is looking at unique ways to achieve the aforementioned goals.

There are three phases to the RiverLake Greenway; the EHFNA project is the second phase:

Phase 1 (Kingfield Neighborhood): In 2003 the Kingfield portion of the RiverLake Greenway from Lyndale Avenue South to Stevens Avenue South was completed at a cost of approximately \$280,000. The project consisted of numerous bump-outs along the north side of 40th Street West that were later planted by the neighborhood in addition to bicycle lanes and narrowed traffic lanes.

Phase 2 (East Harriet Farmstead Neighborhood): After much discussion, the East Harriet Farmstead Neighborhood has decided to pursue traffic calming and bike lanes as part of an \$85,000 NRP project to be completed by Public Works in 2004. This phase includes improvements along Roseway Road, Kings Highway, and 40th Street West from Lake Harriet Parkway to Lyndale Avenue South.

Phase 3 (East of I-35W):

Neighborhoods east of I-35 began meeting in 2003 to discuss the third phase of the RiverLake Greenway from I-35 to West River Parkway. Delegates from the Bryant, Bancroft, Standish-Ericsson, and Longfellow Neighborhoods have agreed to a preliminary layout and basic design elements for 40th Street East (between I-35W and 30th Avenue), 30th Avenue South (between the 38th LRT station and 42nd Street), and 42nd Street (between 30th Avenue South and West River Parkway). A request for \$100,000 in capital funding has been submitted for the 2008 construction season. This project is a candidate TEA-21 enhancement project for the 2005 regional solicitation. The four neighborhoods are in the process of discussing how much NRP funding will be contributed toward this phase of the project.

The Kingfield Neighborhood is interested in pursuing a 4th phase of the RiverLake Greenway that would replace or enhance the 40th Street pedestrian bridge over I-35W.

Phase 2 - Project Information:

40th Street is a Municipal State Aid (MSA) route between Kings Highway and Lyndale Avenue South. Although no MSA funding will be expended on this project, the project has been designed to meet MSA requirements. The Park Board has approved their portion of the project from Lake Harriet Parkway to Kings Highway. A map of the project area is attached (Attachment 1). Attachment 2 is the layout of the City segment and Attachment 3 is the layout of the Park Board portion of the project. The project consists of four segments:

Segment #1 (Roseway Road from Lake Harriet Parkway to Kings Highway): This project segment consists of two drive lanes and 5 foot bike lanes on each side of the roadway. Parking will be removed to allow for bicycle lanes and this project will also include bicycle directional/wayfinding signage. This project segment has been approved by the Minneapolis Park and Recreation Board.

Segment #2 (Kings Highway from Roseway Road to 40th Street West): This project segment consists of the removal of a bump-out at the northwest corner of the intersection of Kings Highway and Roseway Road. Due to roadway width limitations, this segment will not include bicycle lanes. Instead, “Share the Road” signage, bicycle directional/wayfinding signage, and a striped edgeline on the eastern side of the roadway will be installed to better facilitate bicycle movement. This project segment has been approved by the Minneapolis Park and Recreation Board.

Segment #3 (40th Street West from Kings Highway to Bryant Avenue South): The East Harriet Farmstead Neighborhood wanted to continue the Kingfield Neighborhood design themes, however 40th Street West in the East Harriet Farmstead Neighborhood is 40 feet wide, 4 feet narrower than in Kingfield, which created several design challenges. In order to satisfy MSA standards without a MnDOT variance, the East Harriet Farmstead Neighborhood agreed to allow two 11 foot travel lanes, a 6 foot wide eastbound bicycle lane, and a 12 feet westbound parking lane with an edgeline separating traffic from the parking lane. This configuration can be accomplished by removing parking on the south side of 40th Street South. Westbound 40th Street will be posted “Share the Road” and both directions will include bicycle directional/wayfinding signage.

In addition to striping changes, a bump-out will be constructed along the north side of 40th Street at Colfax Avenue. The neighborhood has agreed to landscape the bump-out.

Segment #4 (40th Street West from Bryant Avenue South to Lyndale Avenue South): Although the roadway width is also 40 feet in this segment, residents along 40th Street West between Bryant Avenue South and Lyndale Avenue South insisted that no parking be removed on either side of the roadway. In order to satisfy resident concerns, to meet MSA standards, and to help facilitate better bicycle movement, the neighborhood agreed to two 11 foot drive lanes in addition to two 9 foot parking lanes delineated with an edgeline separating traffic from the parking lane. Both directions will include bicycle directional/wayfinding signage and “Share the Road” signage.

In addition to striping changes, two bump-outs will be constructed along the north side of 40th Street at the intersection of Aldrich Avenue. The neighborhood has agreed to landscape the bump-outs.

Funding:

The East Harriet Farmstead Neighborhood has set aside \$85,000 in NRP funding to pay for the project.

Construction Timeline:

Construction to take place in August 2004. There will minimal disruption to traffic.

cc: Council Member Niziolek, Rhonda Rae, Paul Ogren, Larry Matsumoto
Attachment 1 – Map
Attachment 2 – City street layout
Attachment 3 – Park Board layout

CEMETERY

Attachment 1

RiverLake Greenway (40th St)

PHASE I

INSTALL BUMP OUTS

PHASE II

REMOVE BUMP OUT

ROSEWAY RD

LAKE HARRIET

LAKE HARRIET PKWY

FREMONT AVE S

KINGS HWY

39TH ST W

40TH ST W

41ST ST W

42ND ST W

43RD ST W

44TH ST W

45TH ST W

46TH ST W

46TH ST W

COLFAX AVE S

BRYANT AVE S

ALDRICH AVE S

LYNDALE AVE S

GARFIELD AVE S

HARRIET AVE S

GRAND AVE S

PLEASANT AVE S

PILLSBURY AVE S

WENTWORTH AVE S

BLAISDELL AVE S

NICOLLET AVE S

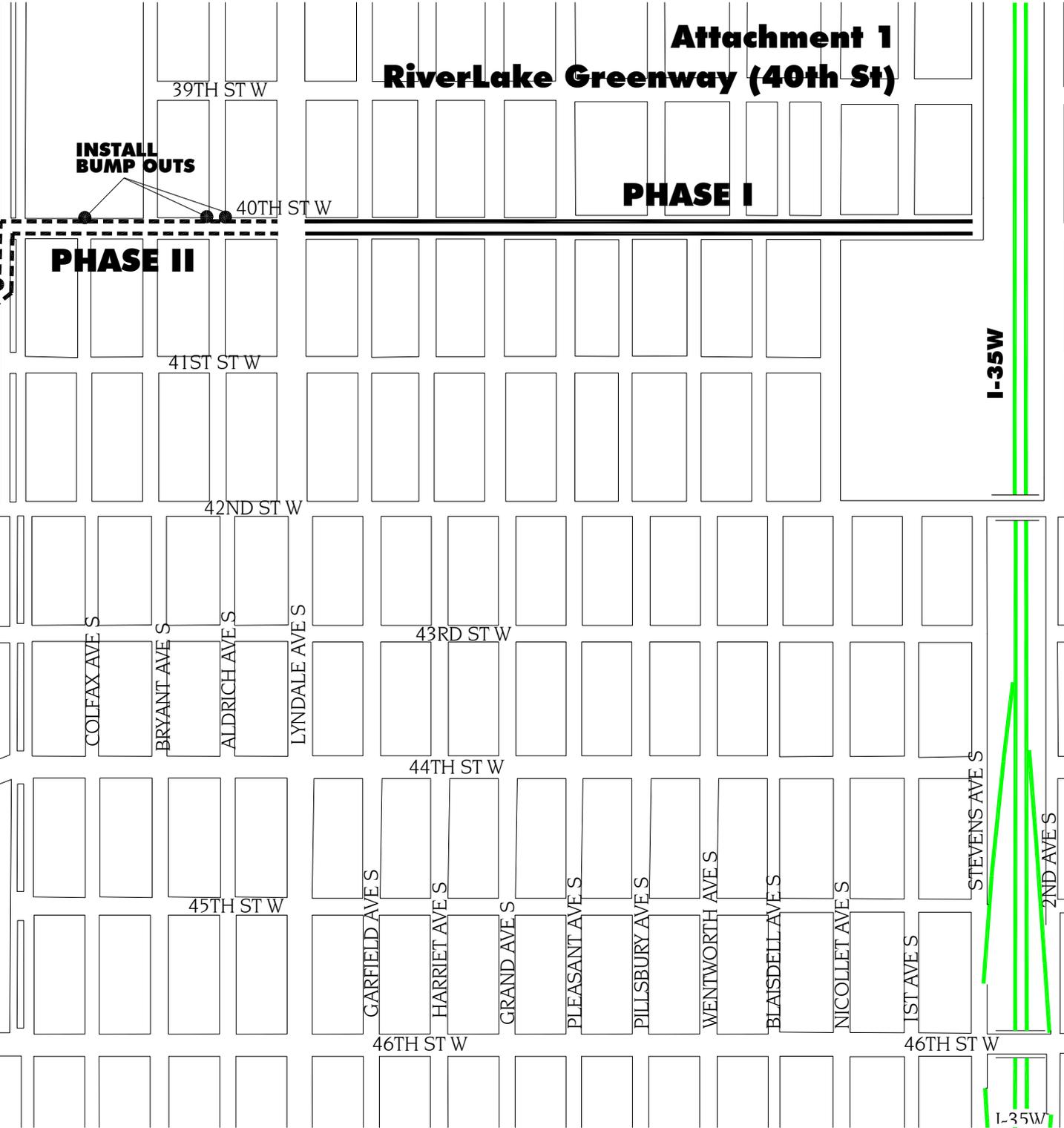
1ST AVE S

STEVENS AVE S

2ND AVE S

I-35W

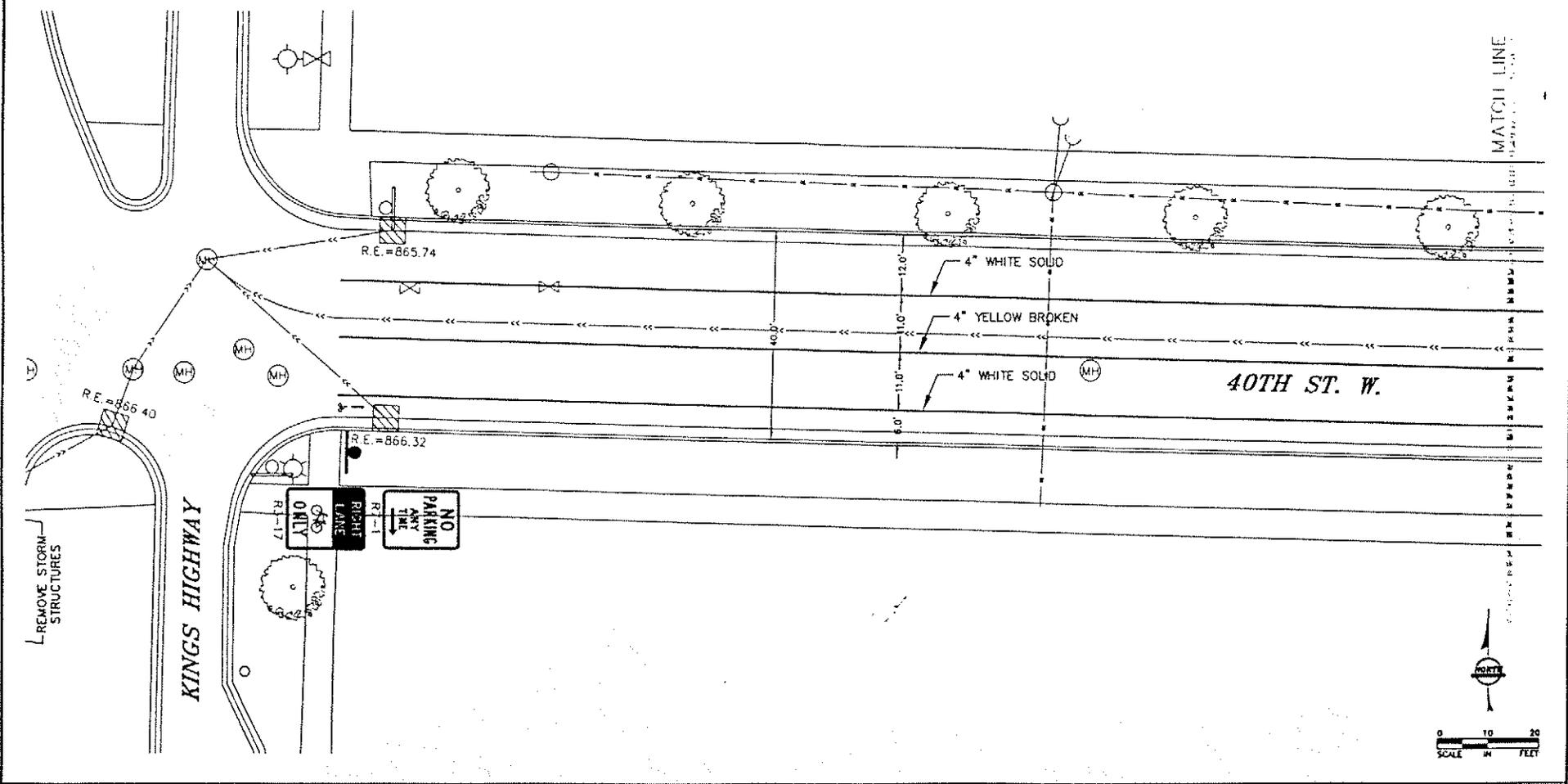
I-35W



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Project No. 20031564
 Date 12/17/05



- ■ ■ ■ ■ SAWCUT BITUMINOUS PAVEMENT
- ▨ PROPOSED SOD
- ▨ PROPOSED CONCRETE
- SIGN COLLAR
- PROPOSED SIGN POST

40TH ST. AND KINGS HIGHWAY		
ITEM	UNIT	QTY.
FURNISH AND INSTALL SIGN	EA	2

BENCHMARK
 BENCHMARK: Top nut hydrant NW quadrant of Lyndale Ave & W 40th St
 ELEV = 865.818 (per City of Minneapolis datum)

- NOTE:
- CONSTRUCT PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLATE 703ME
 - REFER TO DETAIL ON SHEET 4 FOR SIDEWALK CONSTRUCTION
 - DIMENSIONS ARE GIVEN TO THE FACE OF CURB
 - CONSTRUCT SIGN POST AND FOUNDATIONS PER DETAILS ON SHEETS 4 AND 5
 - ① MATCH EXISTING ELEVATION
 - ② FURNISH AND INSTALL CATCH BASIN AND CASTING. RIM ELEVATIONS ARE SHOWN WITH A SUMP OF 0.08 FEET

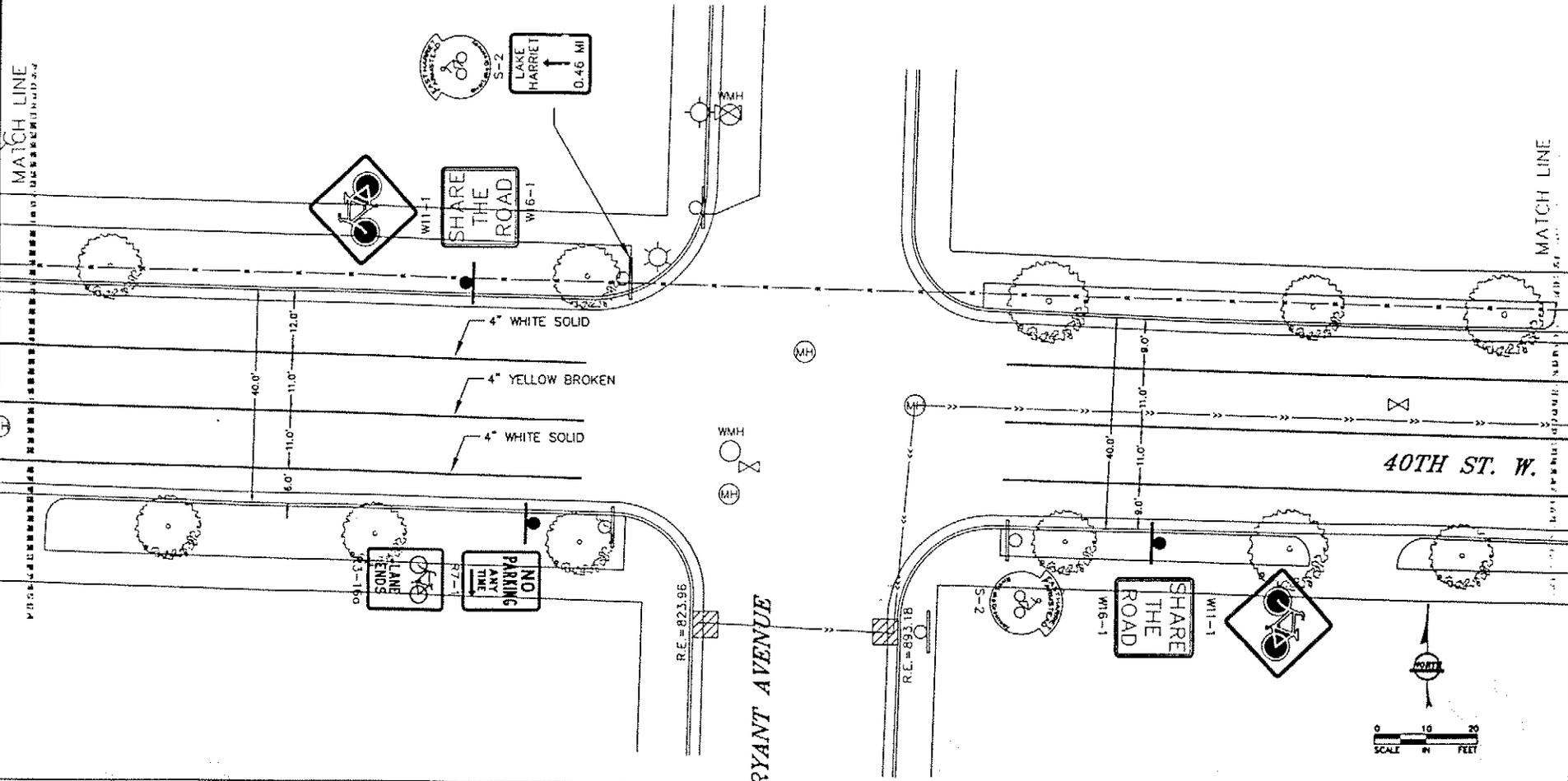
REVISIONS

NO.	DATE	BY	DESCRIPTION
1	12/17/05	J. King	ISSUE FOR PERMITS

40TH STREET GREENWAY
 PHASE II
 MINNEAPOLIS, MINNESOTA
 SITE PLAN
 40TH STREET W.

8/14
 20031564
 12/17/05

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- SIGN COLLAR
- PROPOSED SIGN POST

BENCHMARK

BENCHMARK: Top right Hydrant NW quadrant of Lyndale Ave. & W 40th St
 ELEV = 883.818 (per City of Minneapolis datum)

40TH ST. AND BRYANT AVE. S.		
ITEM	UNIT	QTY.
FURNISH AND INSTALL SIGN	EA	9

NOTE:

- CONSTRUCT PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLATE 7030E
- REFER TO DETAIL ON SHEET 4 FOR SIDEWALK CONSTRUCTION
- DIMENSIONS ARE GIVEN TO THE FACE OF CURB
- CONSTRUCT SIGN POST AND FOUNDATIONS PER DETAILS ON SHEETS 4 AND 5
- ① MATCH EXISTING ELEVATION
- ② FURNISH AND INSTALL CATCH BASIN AND CASTING RIM ELEVATIONS ARE SHOWN WITH A SUMP OF 0.06 FEET



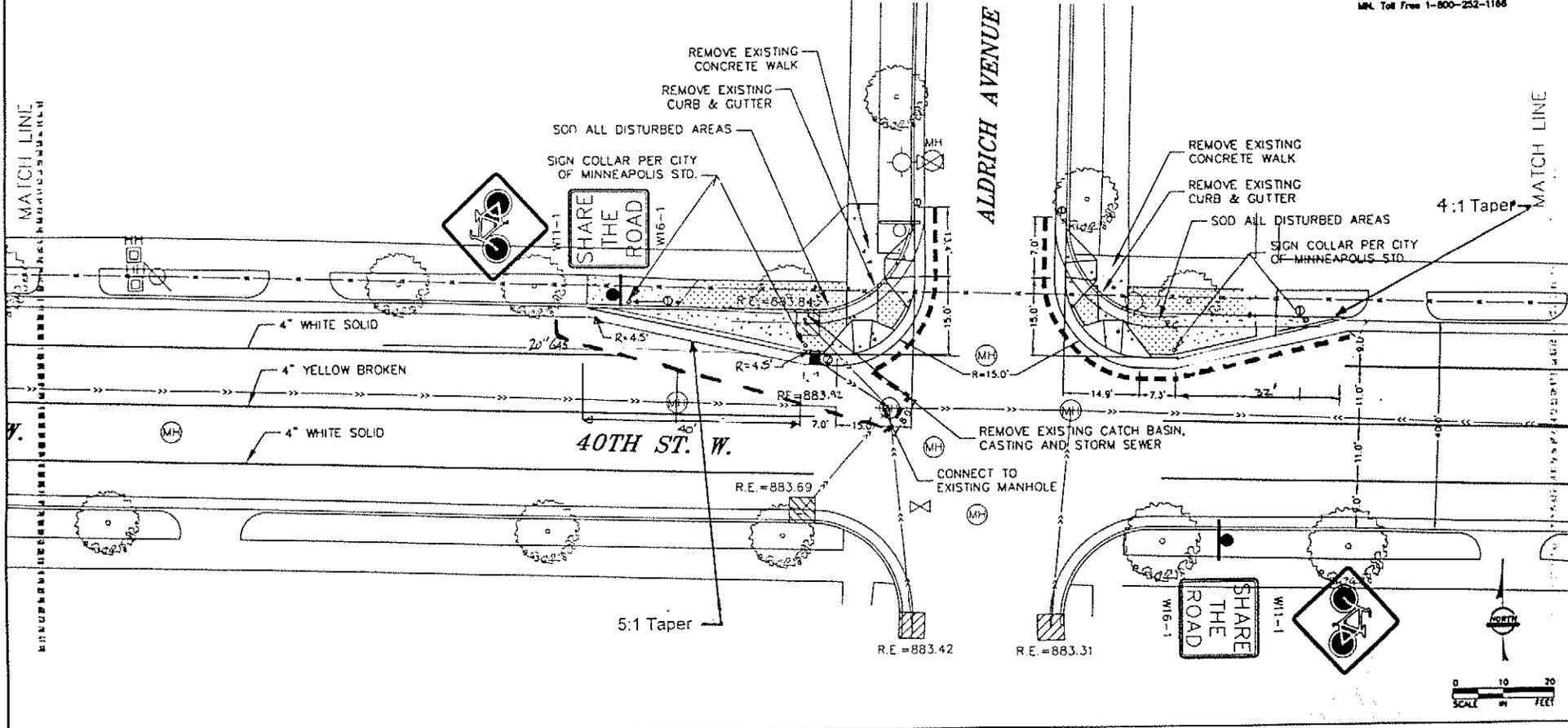
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 Project No. 20031564
 Date 12/11/03



REVISIONS
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40TH STREET GREENWAY
 PHASE II
 MARK SPOLS
 SITE PLAN
 BRYANT AVENUE, S

10/14
 20031564
 12/11/03



REVISIONS

NO.	DATE	DESCRIPTION
1	11/14	2/26/04 5:1 tapers
2	12/03/03	2/26/04 drive entrance
3	12/03/03	2/26/04 quantities

DATE: 12/17/03
 43747

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- SAWCUT BITUMINOUS PAVEMENT
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- PROPOSED CONCRETE
- SIGN COLLAR
- PROPOSED SIGN POST

BENCHMARK
 BENCHMARK Top nut hydrant NW quadrant of Corfield Ave. & W 40th St
 ELEV. = 879.091 (per City of Minneapolis datum)

40TH ST. AND ALDRICH AVE. - WEST			
ITEM	UNIT	QTY.	
SAWCUT BITUMINOUS PAVEMENT	LF	133	410
SAWCUT EXISTING SIDEWALK	LF	21	
REMOVE BITUMINOUS PAVEMENT	SY	38	30
REMOVE SIDEWALK	SY	14	
COMMON EX. (INCL. PIPING/MH)	CY	23	18
REMOVE EXISTING CURB & GUTTER	LF	75	42
BITUMINOUS PATCH	SY	58	30
SELECT GRANULAR BORROW	CY	4	3
AGGREGATE BASE CL 5	TON	113	440
REMOVE CATCH BASIN & CASTING	EA	1	
B624 CURB & GUTTER	LF	87	7
6" SIDEWALK (INCLUDING RAMPS)	SY	29	
TOPSOIL WITH SOD	SY	52	2
SIGN COLLAR	EA	2	
FURNISH AND INSTALL SIGN	EA	1	
FURNISH AND INSTALL CATCH BASIN	EA	1	
FURNISH AND INSTALL CASTING	EA	1	
15" PVC STORM SEWER	LF	1.8	

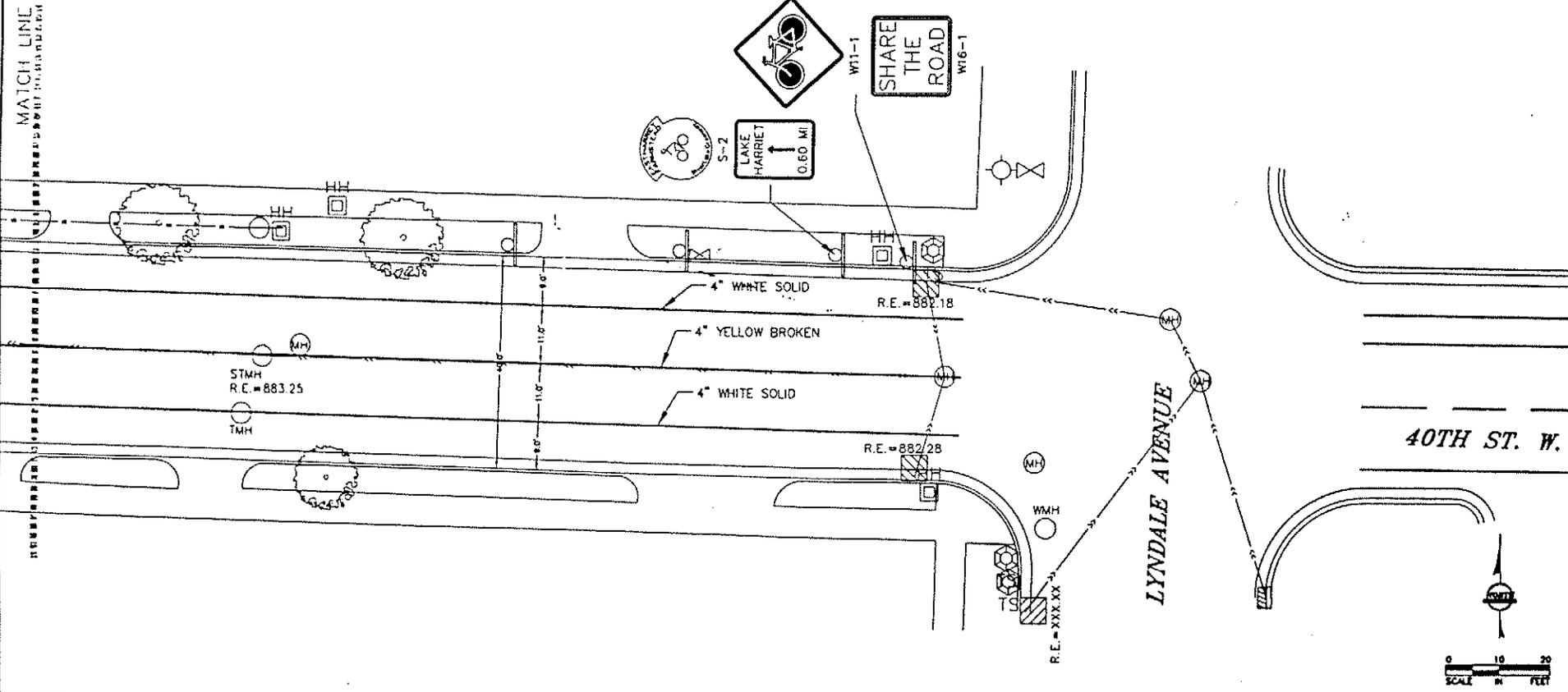
40TH ST. AND ALDRICH AVE. - EAST			
ITEM	UNIT	QTY.	
SAWCUT BITUMINOUS PAVEMENT	LF	91	84
SAWCUT EXISTING SIDEWALK	LF	12	
REMOVE BITUMINOUS PAVEMENT	SY	12	18
REMOVE SIDEWALK	SY	8	
COMMON EX. (INCL. PIPING/MH)	CY	9	6
REMOVE EXISTING CURB & GUTTER	LF	27	27
BITUMINOUS PATCH	SY	20	10
SELECT GRANULAR BORROW	CY	3	3
AGGREGATE BASE CL 5	TON	127	45
B624 CURB & GUTTER	LF	27	27
6" SIDEWALK (INCLUDING RAMPS)	SY	27	23
TOPSOIL WITH SOD	SY	25	34
SIGN COLLAR	EA	2	
FURNISH AND INSTALL SIGN	EA	1	

- NOTE:
- CONSTRUCT PEDESTRIAN CURB RAMP PER MHOOT STANDARD PLATE 7036C
 - REFER TO DETAIL ON SHEET 4 FOR SIDEWALK CONSTRUCTION
 - DIMENSIONS ARE GIVEN TO THE FACE OF CURB
 - CONSTRUCT SIGN POST AND FOUNDATIONS PER DETAILS ON SHEETS 4 AND 5
 - ⓪ MATCH EXISTING ELEVATION
 - Ⓛ FURNISH AND INSTALL CATCH BASIN AND CASTING. R/W ELEVATIONS ARE SHOWN WITH A SUMP OF 0.08 FEET

40TH STREET GREENWAY
 PHASE II
 MINNEAPOLIS, MINNESOTA
 SITE PLAN
 ALDRICH AVENUE S

11/14
 20031546
 12/17/03

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- ▭ PROPOSED CONCRETE
- SIGN COLLAR
- PROPOSED SIGN POST

BENCHMARK
 BENCHMARK: Top nut hydrant NW quadrant of Lyndale Ave & W 40th St.
 (LEV = 885.818 (per City of Minneapolis datum))

40TH ST. AND LYNDALE AVE.		
ITEM	UNIT	QTY.
FURNISH AND INSTALL SIGN	EA	4

- NOTE:**
- CONSTRUCT PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLATE 7034C
 - REFER TO DETAIL ON SHEET 4 FOR SIDEWALK CONSTRUCTION
 - DIMENSIONS ARE GIVEN TO THE FACE OF CURB
 - CONSTRUCT SIGN POST AND FOUNDATIONS PER DETAILS ON SHEETS 4 AND 5
 - ① MATCH EXISTING ELEVATION
 - ② FURNISH AND INSTALL CATCH BASIN AND CASTING. FIN ELEVATIONS ARE SHOWN WITH A SUMP OF 0.08 FEET



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 12700 Lyndale Ave S
 Minneapolis, MN 55425
 Phone: 612-835-1100
 Fax: 612-835-1101
 E-mail: info@rlk.com

Prepared by: Joseph K. Long
 Checked by: Joseph K. Long
 Date: 12/14/03

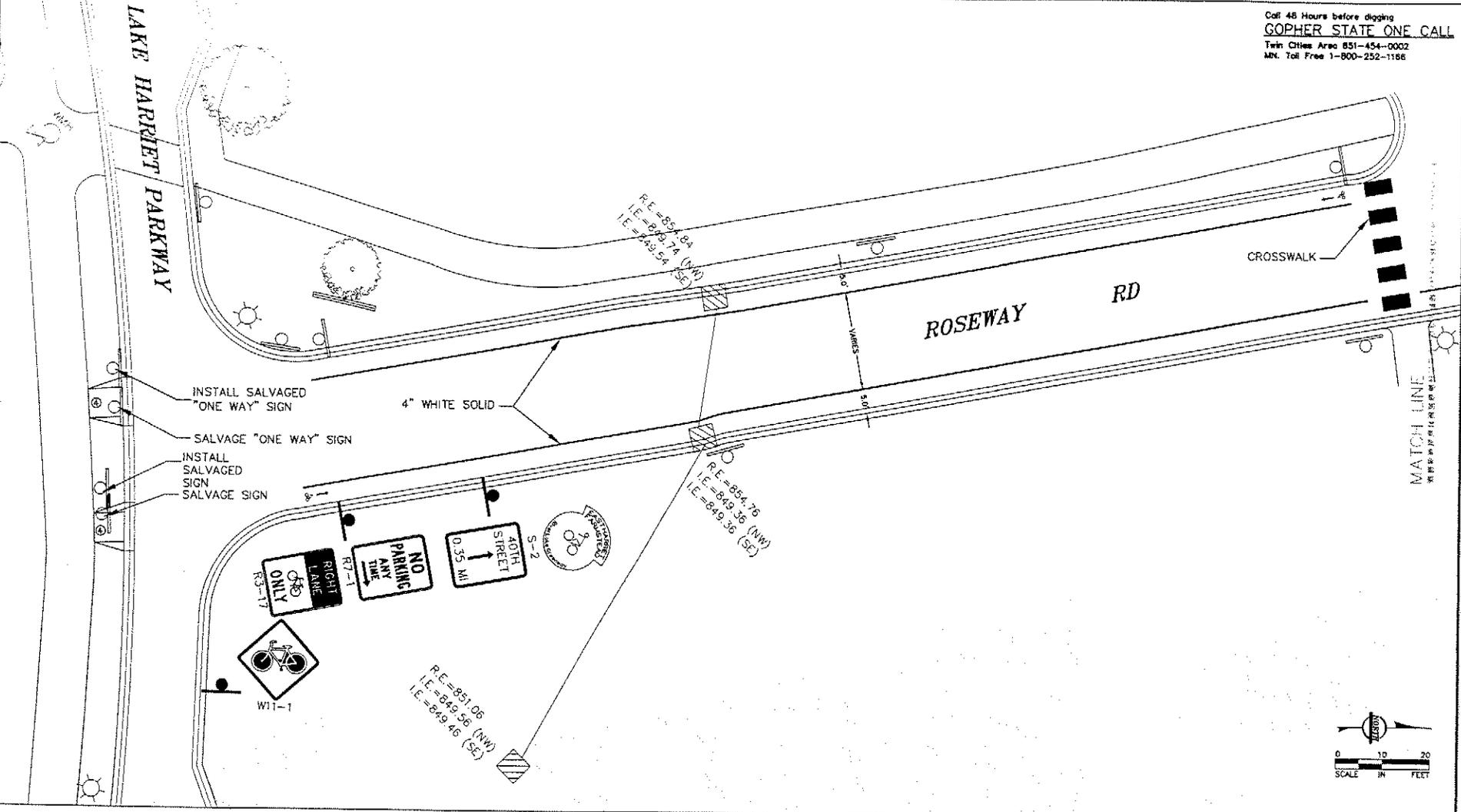
REVISION NO.	DATE	BY	DESCRIPTION

40TH STREET GREENWAY
 LINDALE AVENUE
 SITE PLAN

12/14/03
 12/17/03

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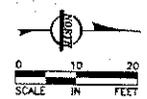


- SAWCUT BITUMINOUS PAVEMENT
- PROPOSED SOD
- PROPOSED CONCRETE
- PROPOSED SIGN POST

BENCHMARK
 BENCHMARK: Top nut hydrant SW quadrant of Harriet Ave. & W. 40th St.
 ELEV = 878.955 (per City of Minneapolis datum)

EAST LAKE HARRIET PARKWAY AND ROSEWAY RD.		
ITEM	UNIT	QTY.
SALVAGE SIGN	EA	2
INSTALL SALVAGED SIGN	EA	2
FURNISH AND INSTALL SIGN	EA	5
CONSTRUCT BIKE RAMP	EA	2
CROSSWALK	EA	1

- NOTE:
- CONSTRUCT PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLATE 7036E
 - DIMENSIONS ARE GIVEN TO THE FACE OF CURB
 - CONSTRUCT SIGN POST AND FOUNDATIONS PER DETAILS ON SHEET 6
- ① MATCH EXISTING ELEVATION
 - ② RIM ELEVATIONS ARE SHOWN WITH A SUMP OF 0.08 FEET
 - ③ CONSTRUCT CURB AND GUTTER PER DETAIL 2D TYPE "A" PARKWAY VERTICAL CURB AND GUTTER
 - ④ CONSTRUCT BIKE RAMP PER DETAIL ON SHEET 7



Sheet No. 201
 Date 12/17/03
 Project No. 03-201
 City of Minneapolis
 Phone (612) 673-2011
 Fax (612) 673-2012
 www.ci.minneapolis.mn.us



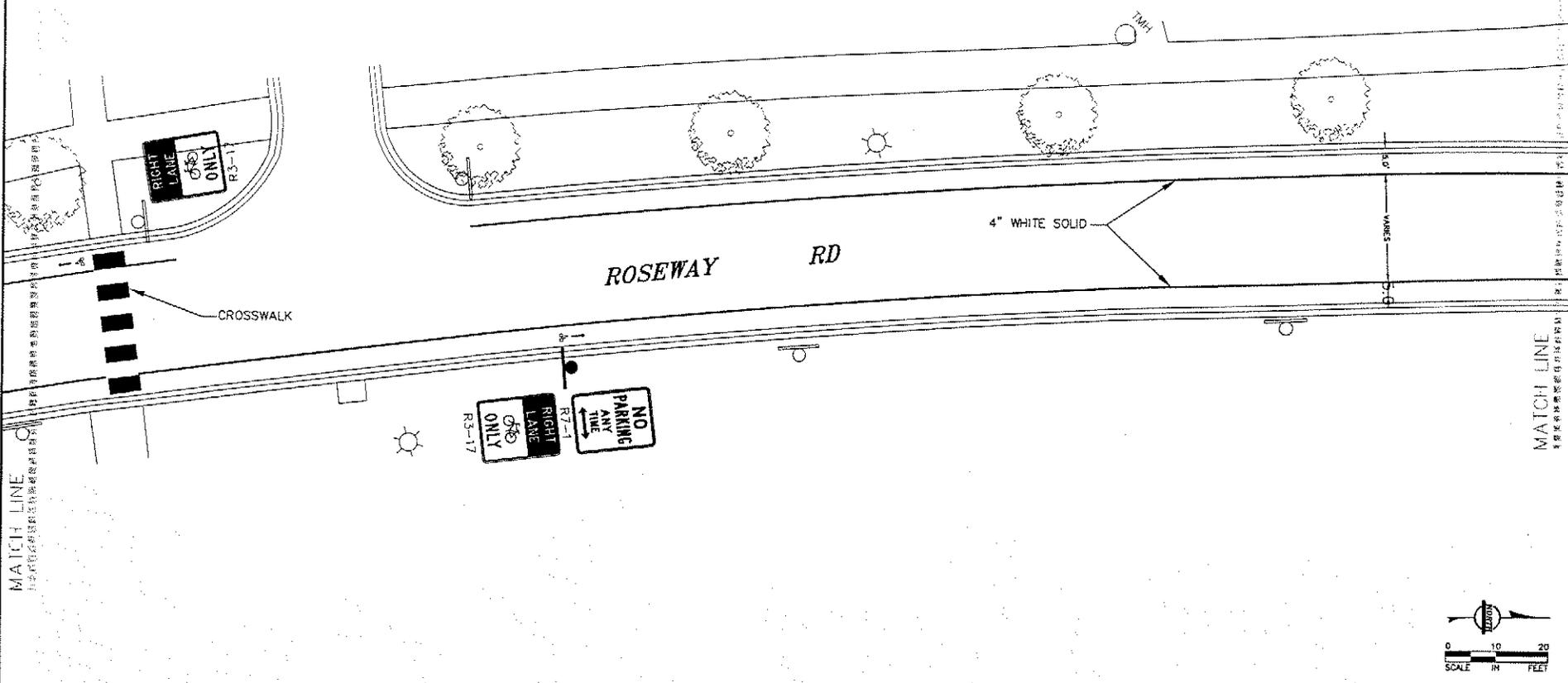
I hereby certify that the plan was prepared by an Engineer duly Licensed in the State of Minnesota.
 Joseph E. Kuiper, P.E.
 License No. 100000

Prepared By: Joseph E. Kuiper
 Checked By: [Signature]
 Drawn By: [Signature]
 Title: [Signature]

REVISIONS

40TH STREET GREENWAY
 PHASE 2
 MINNEAPOLIS, MINNESOTA
 SITE PLAN
 E. LAKE HARRIET PARKWAY
 AND ROSEWAY PARKWAY

SHEET 8/19
 20031564
 12/17/03



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- ▨ PROPOSED SOD
- ▤ PROPOSED CONCRETE
- PROPOSED SIGN POST

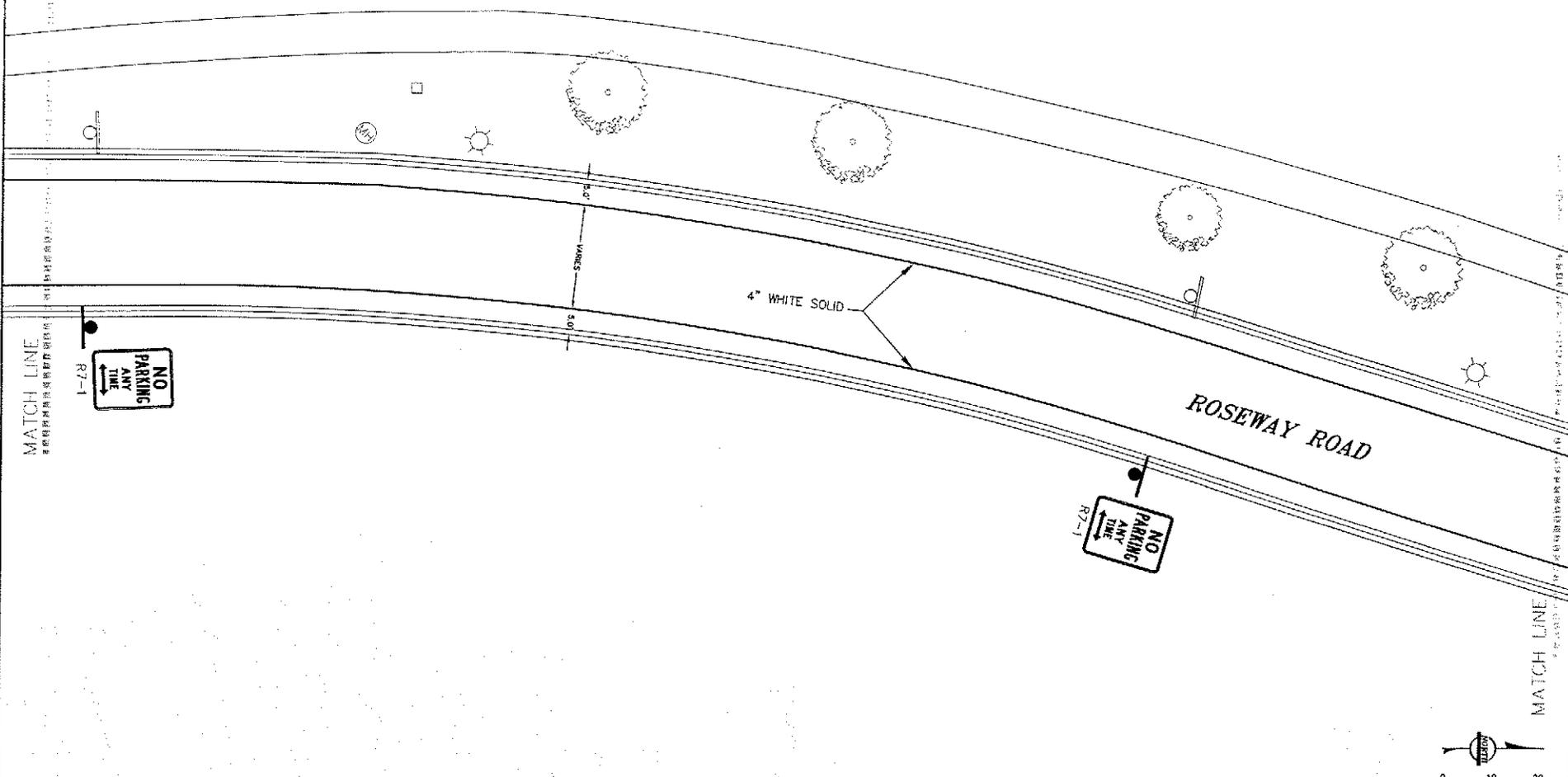
BENCHMARK
 BENCHMARK: Top nut hydrant SW quadrant of Harriet Ave. & W. 40th St.
 ELEV = 878.955 (per City of Minneapolis datum)

ROSEWAY RD.		
ITEM	UNIT	QTY.
FURNISH AND INSTALL SIGN	EA	3
CROSSWALK	EA	1

- NOTE:**
- CONSTRUCT PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLATE 7036E
 - DIMENSIONS ARE GIVEN TO THE FACE OF CURB
 - CONSTRUCT SIGN POST AND FOUNDATIONS PER DETAILS ON SHEET 6
- ① MATCH EXISTING ELEVATION
 - ② RIM ELEVATIONS ARE SHOWN WITH A SUMP OF 0.06 FEET
 - ③ CONSTRUCT CURB AND GUTTER PER DETAIL 2D TYPE "A" PARKWAY VERTICAL CURB AND GUTTER
 - ④ CONSTRUCT BIKE RAMP PER DETAIL ON SHEET 7

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- ▨ PROPOSED SOD
- ▤ PROPOSED CONCRETE
- PROPOSED SIGN POST

BENCHMARK
 BENCHMARK: Top nut hydrant SW quadrant of Harriet Ave. & W. 40th St.
 ELEV = 878.955 (per City of Minneapolis datum)

ROSEWAY RD.		
ITEM	UNIT	QTY.
FURNISH AND INSTALL SIGN	EA.	2

- NOTE:**
- CONSTRUCT PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLATE 7036E
 - DIMENSIONS ARE GIVEN TO THE FACE OF CURB
 - CONSTRUCT SIGN POST AND FOUNDATIONS PER DETAILS ON SHEET 6
- ① MATCH EXISTING ELEVATION
 - ② RIM ELEVATIONS ARE SHOWN WITH A SUMP OF 0.08 FEET
 - ③ CONSTRUCT CURB AND GUTTER PER DETAIL 2D TYPE "A" PARKWAY VERTICAL CURB AND GUTTER
 - ④ CONSTRUCT BIKE RAMP PER DETAIL ON SHEET 7

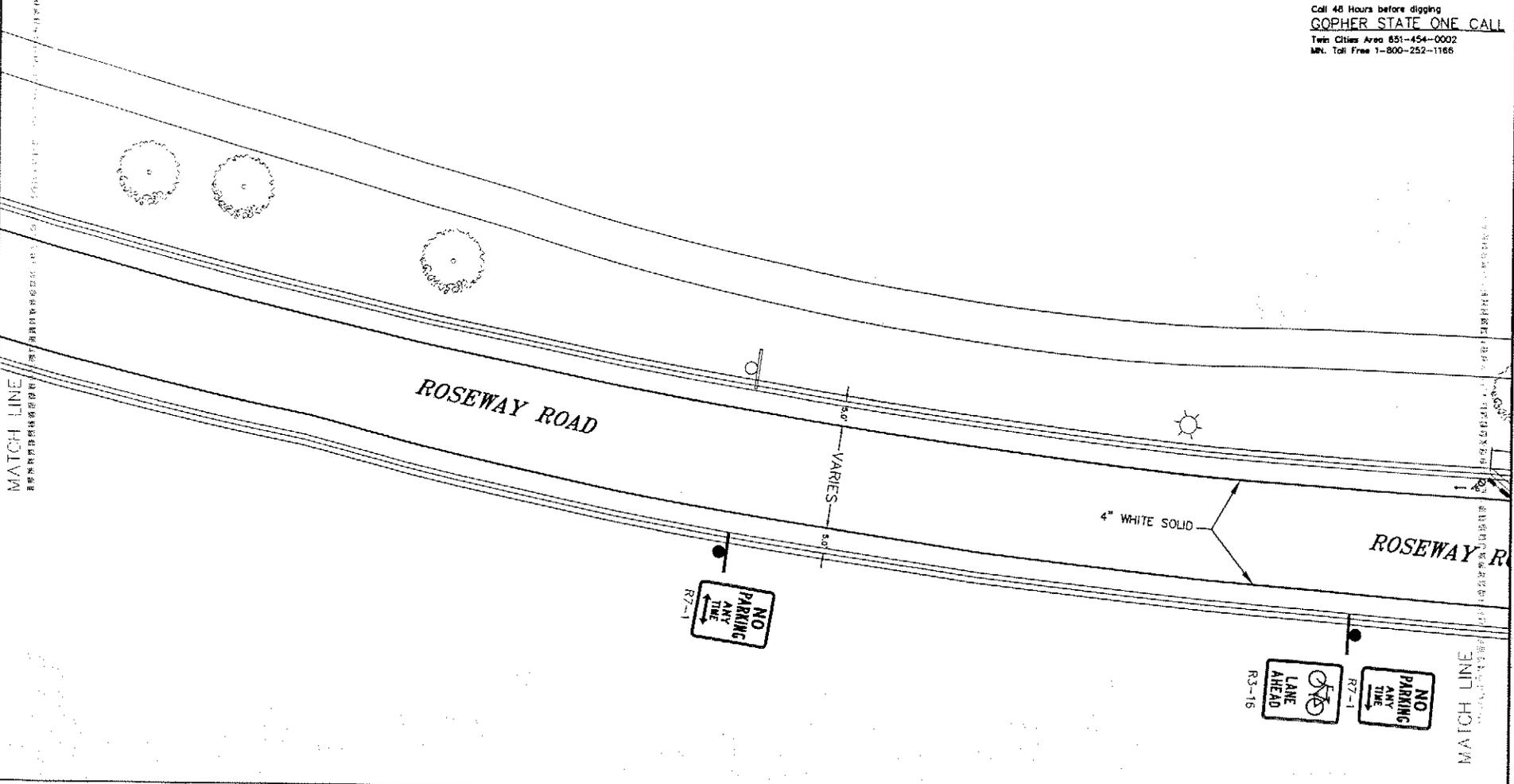
REVISIONS

NO.	DATE	BY	DESCRIPTION
1	12/17/03	JK	ISSUED FOR PERMITS

DATE: 12/17/03, LC NO.: 42747

40TH STREET GREENWAY
 PHASE II
 MINNEAPOLIS, MINNESOTA
 SITE PLAN
 ROSEWAY ROAD

SHEET # 11/19
 PROJECT # 20031554
 DATE 12/17/03

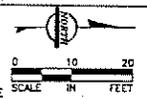


 SAWCUT BITUMINOUS PAVEMENT
 PROPOSED SOD
 PROPOSED CONCRETE
 PROPOSED SIGN POST

BENCHMARK
 BENCHMARK: Tap nut hydrant SW quadrant of Harriet Ave. & W. 40th St
 ELEV = 878.955 (per City of Minneapolis datum)

ROSEWAY RD.		
ITEM	UNIT	QTY.
FURNISH AND INSTALL SIGN	EA	3

- NOTE:**
- CONSTRUCT PEDESTRIAN CURB RAMP PER MNDOT STANDARD PLATE 70366
 - DIMENSIONS ARE GIVEN TO THE FACE OF CURB
 - CONSTRUCT SIGN POST AND FOUNDATIONS PER DETAILS ON SHEET 6
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 - ③ CONSTRUCT CURB AND GUTTER PER DETAIL 2D TYPE "A" PARKWAY VERTICAL CURB AND GUTTER
 - ④ CONSTRUCT BIKE RAMP PER DETAIL ON SHEET 7



I hereby certify that the design prepared by me or under my direct supervision and seal is in accordance with the Minnesota Professional Engineer Law.

Joseph K. Kuopio
 Project Engineer
 License No. 0000000000

REVISIONS

NO.	DATE	BY	DESCRIPTION
1		JMK	ISSUED FOR PERMITS
2		JMK	ISSUED FOR PERMITS
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8		JMK	ISSUED FOR PERMITS
9		JMK	ISSUED FOR PERMITS
10		JMK	ISSUED FOR PERMITS

40TH STREET GREENWAY
 PHASE II
 MINNEAPOLIS, MINNESOTA
 SITE PLAN
 ROSEWAY ROAD

SHEET # 12/19
 PROJECT # 2003T56M
 DATE 12/17/03

