

MINNESOTA DEPARTMENT OF TRANSPORTATION

THE CITY OF FRIDLEY ANOKA COUNTY

CONSTRUCTION PLAN FOR AGG. BASE, BIT. BASE, BIT. SURFACE, CURB AND GUTTER, STORM SEWER, GRADING, & SIDEWALK

LOCATED ON, MISSISSIPPI STREET (C.S.A.H. 6) BETWEEN A POINT 1035' WEST OF T.H. 47 AND A POINT 365' WEST OF T.H. 47 (Geographic Description)

STREET IMPROVEMENT PROJECT, ST 96-4

MISSISSIPPI STREET
STATE AID PROJ. NO. 02-606-09, 127-020-17
GROSS-LENGTH 1058 FEET 0.200 MILES
BRIDGE-LENGTH 0 FEET 0 MILES
EXCEPTIONS-LENGTH 0 FEET 0 MILES
NET-LENGTH 1058 FEET 0.200 MILES

MISSISSIPPI STREET (CSAH 6) IMPROVEMENTS
Street Improvement Project ST 96-4
SAP's 02-606-09, 127-020-17

City of Fridley, MN

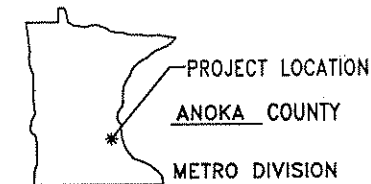
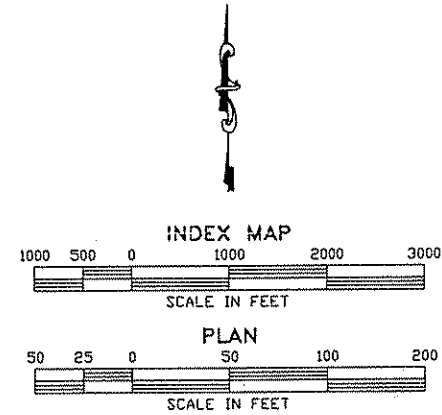
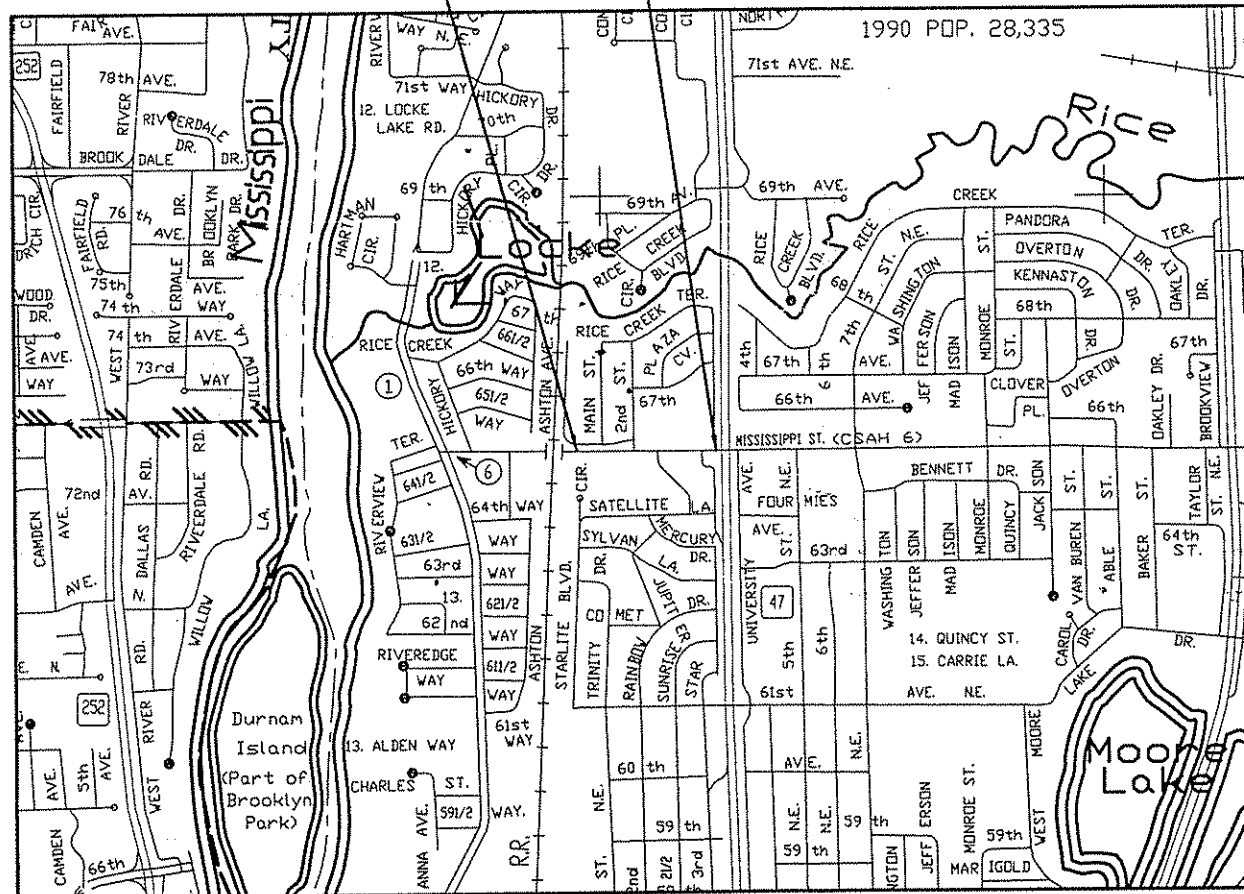
Plan Set No. 6

BRW, Inc. (612)370-0700

MISSISSIPPI STREET (C.S.A.H. 6)
BEGIN PROJECT
STA. 6+52

MISSISSIPPI STREET (C.S.A.H. 6)
END PROJECT
STA 17+10

LEGEND	
	EXISTING GATE VALVE
	EXISTING HYDRANT
	EXISTING CURB BOX
	EXISTING MANHOLE, FOR STORM AND SANITARY SEWER
	EXISTING CATCH BASIN
	EXISTING POWER POLE
	EXISTING SANITARY SEWER
	EXISTING STORM SEWER
	EXISTING WATERMAIN
	EXISTING CURB AND GUTTER
	EXISTING UNDERGROUND GAS MAIN
	EXISTING UNDERGROUND TELEPHONE LINE
	EXISTING UNDERGROUND POWER
	EXISTING OVERHEAD POWER
	EXISTING FENCE
	EXISTING TREE
	EXISTING TREE LINE
	EXISTING STREET SIGN
	PROPOSED CATCH BASIN
	PROPOSED MANHOLE
	PROPOSED STORM SEWER
	PROPOSED CURB AND GUTTER



MINN. PROJ. NO. _____
MINN. PROJ. NO. _____

GOVERNING SPECIFICATIONS

THE 1988 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND "SUPPLEMENTAL SPECIFICATIONS TO THE 1988 STANDARD SPECIFICATIONS FOR CONSTRUCTION", DATED MAY 2, 1994, SHALL GOVERN. ALL TRAFFIC CONTROL SIGNING AND DEVICES SHALL CONFORM TO THE MUTCD, INCLUDING "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS - APRIL 1995".

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	ESTIMATED QUANTITIES
3	TYPICAL SECTIONS & DETAILS
4	SIDEWALK DETAILS
5-7	TRAFFIC CONTROL PLAN
8	PLANNED REMOVAL & CONSTRUCTION
9	INTERSECTION DETAIL
10	PLAN & PROFILE STORM SEWER
11	SIGNING & STRIPING

THIS PLAN SET CONTAINS 11 SHEETS



B R W INC.
Thresher Square, 700 Third Street So.
Minneapolis, MN 55415, Phone 612/370-0700, Fax 612/370-1378

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

BRW, INC.
DATE 5-16-96 REG. NO. 23197
ENGINEER Paul Brant
2881A06

Design Squad J. LONG, L. SORENSON, C. PAPP, & M. STICKLAND

Approved _____ 19____ CITY ENGINEER

Approved _____ 19____ ANOKA COUNTY ENGINEER

Recommended For Approval _____ 19____

Recommended For Approval _____ 19____

Approved _____ 19____

I HEREBY CERTIFY THAT THE FINAL FIELD REVISIONS, IF ANY, OF THIS PLAN WERE MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

DATE _____ REG. NO. _____

PLAN REVISIONS		
DATE	SHEET NO.	APPROVED BY

STATE AID PROJ. NO. 02-606-09, 127-020-17
STATE PROJ. NO. _____ SHEET NO. 1 OF 11 SHEETS

DESIGN DESIGNATION: MISSISSIPPI STREET (S.A.P. 02-606-09, 127-020-17)

Functional Classification: 4-LANE ARTERIAL (HIGH DENSITY)

No. of Traffic Lanes: 4 **No. of Parking Lanes:** 0

ADT (Current Year) 1995: 10,500 **Design Speed:** 35 MPH

ADT (Future Year) 2015: 17,850 **Based on:** N/A **Sight Distance:** _____

DHV (Design Hr. Vol.): N/A **Height of eye:** 3.5' **Height of Object:** 0.5'

D (Directional Distr.): N/A % **Design Speed not achieved at:** N/A

T (Heavy Commercial): N/A % **STA. N/A TO STA.:** N/A

R-Value: 60 **N18 Factor:** 1,872,976 **Design Load:** 10 TON

STATEMENT OF ESTIMATED QUANTITIES

S.A.P. 02-606-09 S.A.P. 127-020-17

NOTE NO.	SPEC. NO.	ITEM	UNIT	TOTAL PROJECT QUANTITIES	MISSISSIPPI ST. S.A.P. PARTICIPATING QUANTITIES	MISSISSIPPI ST. S.A.P. NON-PARTICIPATING QUANTITIES
	2021.501	MOBILIZATION	LUMP SUM	1.00	0.85	0.15
	2102.502	PAVEMENT MARKING REMOVAL	LIN FT	1420.00	1420.00	
	2104.501	REMOVE CURB AND GUTTER	LIN FT	1509.00	1254.00	255.00
	2104.503	REMOVE CONCRETE SIDEWALK	SQ FT	6808.00	6808.00	
	2104.503	REMOVE CONCRETE DRIVEWAY PAVEMENT	SQ FT	140.00	140.00	
	2104.503	REMOVE BITUMINOUS PAVEMENT	SQ FT	14494.00	7079.00	7415.00
	2104.509	REMOVE CATCH BASIN	EACH	1.00	1.00	
	2104.513	SAWING BITUMINOUS PAVEMENT	LIN FT	3260.00	2460.00	800.00
	2104.523	SALVAGE CASTING ASSEMBLY (STORM)	EACH	3.00	3.00	
	2104.523	SALVAGE LIGHT STANDARD & LUMINAIRE	EACH	3.00	3.00	
	2104.523	SALVAGE SIGN TYPE C	EACH	4.00	3.00	1.00
	0104.602	ABANDON FIRE HYDRANT	EACH	1.00	1.00	
	0104.603	SALVAGE CONCRETE PAVERS	SQ FT	980.00	980.00	
	2105.501	COMMON EXCAVATION (P)	CU YD	638.00	338.00	300.00
	2105.505	SUBGRADE EXCAVATION	CU YD	128.00	68.00	60.00
	2105.543	STABILIZING AGGREGATE	TON	20.00	20.00	
	2211.501	AGGREGATE BASE CLASS 5	TON	745.00	563.00	182.00
	2340.508	TYPE 41 WEARING COURSE MIXTURE	TON	147.00	116.00	31.00
	2340.510	TYPE 31 BINDER COURSE MIXTURE	TON	154.00	154.00	
	2340.514	TYPE 31 BASE COURSE MIXTURE	TON	273.00	232.00	41.00
	2357.502	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	428.00	334.00	94.00
	2503.541	12" RC PIPE SEWER DESIGN 3006 CLASS V	LIN FT	45.00	45.00	
	2506.502	CONST DRAINAGE STRUCTURE DES F	EACH	1.00	1.00	
	2506.502	CONST DRAINAGE STRUCTURE DES G OR H	EACH	3.00	3.00	
	2506.516	CASTING ASSEMBLY (STORM)	EACH	3.00	3.00	
	0506.602	INSTALL SALVAGED CASTING ASSEMBLY (STORM)	EACH	1.00	1.00	
	0506.602	RECONSTRUCT DRAINAGE STRUCTURE	EACH	1.00	1.00	
	0506.602	CONNECT INTO EXISTING CATCH BASIN	EACH	1.00	1.00	
	0506.602	CONNECT INTO EXISTING STORM SEWER	EACH	2.00	2.00	
	2521.501	4" CONCRETE WALK	SQ FT	5396.00	4641.00	755.00
	2521.501	4" CONCRETE MEDIAN PAVEMENT	SQ FT	3591.00	3446.00	145.00
	2531.501	CONCRETE CURB & GUTTER DESIGN B612	LIN FT	1444.00	942.00	502.00
	2531.501	CONCRETE CURB & GUTTER DESIGN B618	LIN FT	1116.00	1116.00	
	2531.507	7" CONCRETE DRIVEWAY PAVEMENT	SQ YD	19.00	19.00	
	0531.602	PEDESTRIAN CURB RAMP (CONCRETE)	EACH	8.00	6.00	2.00
	0531.602	CONCRETE MEDIAN NOSE	EACH	4.00	3.00	1.00
	0531.603	7" CONCRETE VALLEY GUTTER	LIN FT	20.00	20.00	
	0531.605	INSTALL SALVAGED CONCRETE PAVERS	SQ FT	980.00	980.00	
	0531.605	FURNISH CONCRETE PAVERS	SQ FT	100.00	100.00	
	0545.602	INSTALL SALVAGED LIGHT STANDARD AND LUMINAIRE	EACH	2.00	2.00	
	0563.601	TRAFFIC CONTROL (PHASE 1)	LUMP SUM	1.00	1.00	
	0563.601	TRAFFIC CONTROL (PHASE 2)	LUMP SUM	1.00	1.00	
	2564.531	F&I SIGN PANELS TYPE C	SQ FT	64.25	57.00	7.25
	0564.602	INSTALL SALVAGED SIGN PANEL TYPE C	EACH	2.00	2.00	
	0564.602	PAVEMENT MESSAGE (LEFT ARROW) EPOXY	EACH	2.00	2.00	
	0564.603	4" SOLID LINE WHITE - EPOXY	LIN FT	416.00	260.00	156.00
	0564.603	4" SOLID LINE YELLOW - PAINT	LIN FT	40.00	40.00	
	0564.603	4" DOUBLE SOLID LINE YELLOW - EPOXY	LIN FT	620.00	620.00	
	0564.603	24" SOLID LINE YELLOW - EPOXY	LIN FT	90.00	90.00	
	0564.603	24" STOP LINE WHITE - EPOXY	LIN FT	40.00	40.00	
	0564.603	4" BROKEN WHITE - EPOXY	LIN FT	280.00	280.00	
	0564.604	CROSSWALK MARKING - EPOXY	SQ FT	324.00	324.00	
	0564.604	INSTALL SALVAGED SIGN PANEL TYPE C	SQ FT	39.00	20.50	18.50
	0565.602	PVC HANDHOLE (METAL FRAME AND COVER)	EACH	2.00	2.00	
	0565.603	2" RIGID STEEL CONDUIT (RSC)	LIN FT	60.00	60.00	
	0565.603	4" RIGID STEEL CONDUIT (RSC)	LIN FT	215.00	215.00	
	2573.502	SILT FENCE, TYPE HEAVY DUTY	LIN FT	200.00	100.00	100.00
	2575.555	TURF ESTABLISHMENT	LUMP SUM	1.00	0.48	0.52

ALL CONTRACTORS MUST CONTACT
GOPHER STATE
CALL ONE
MN. TOLL FREE 1-800-252-1166
BEFORE CONSTRUCTION BEGINS
TWIN CITY AREA 454-0002

REV. NO.	DATE	DESCRIPTION
		UTILITIES
		A MINNEGASCO
		ATTN.: RICHARD J PILON P.E.
		(612) 342-5426
		700 W LINDEN AVE.
		P.O. BOX 1165
		MINNEAPOLIS MN 55440-1165
		B U.S. WEST COMMUNICATIONS
		ATTN.: WARREN PICKARD
		(612) 861-8162
		6244 CEDAR AVE. SOUTH
		RICHFIELD MN 55423

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE STATUTES OF THE STATE OF MINNESOTA, SECTION 326.02 TO 326.09.

Paul B. [Signature]
DATE: 5-14-99, MINN. REG. NO. 23197



B R W INC.
Thresher Square, 700 Third Street So.
Minneapolis, MN 55415, Phone 612/370-0700, Fax 612/370-1378

STORM SEWER STRUCTURE CHART

STRUCTURE	DESIGN	CASTING	SIZE	RIM ELEVATION	INVERT ELEVATION
CB 1	G	B	48"	860.76	857.30
CB 2	H	B	27"	860.72	857.52
CB 3	H	B	27"	856.76	853.15
CB MH 9	EXISTING G	A	48"	860.40	856.48
CB MH 10	EXISTING H	A	27"	860.66	857.33
ST MH 1	F	A	48"	861.05	857.20
					856.23

CASTING ASSEMBLY

KEY	MNDOT STD PLATE NO
A	4101C - CASTING NO. 700-7 4110D - CASTING NO. 716
B	SALVAGED 4126F - CASTING NO. 801 SALVAGED 4149C - CASTING NO. 810 SALVAGED 4161F - CASTING NO. 8218

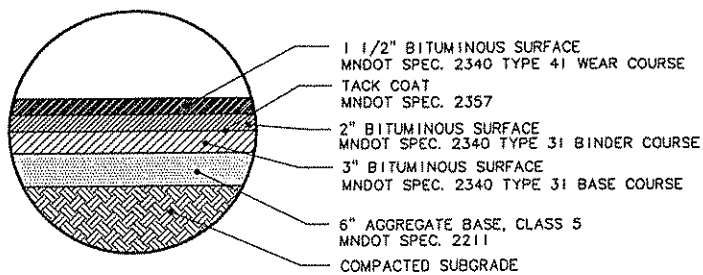
THESE STANDARD PLATES AS APPROVED BY THE FHWA SHALL APPLY ON THIS PROJECT.

STANDARD PLATES LIST

PLATE NO.	DESCRIPTION
3000L	REINFORCED CONCRETE PIPE
3006G	GASKET JOINT FOR RC PIPE
4005L	MANHOLE OR CATCH BASIN (DESIGN F)
4006L	MANHOLE OR CATCH BASIN (DESIGN H OR G)
4101C	RING CASTING FOR MANHOLE OF CATCH BASIN
4110E	COVER CASTING FOR MANHOLE
7035J	CONCRETE WALK & CURB RETURNS AT ENTRANCE
7036D	PEDESTRIAN CURB RAMP
7100G	CONCRETE CURB AND GUTTER

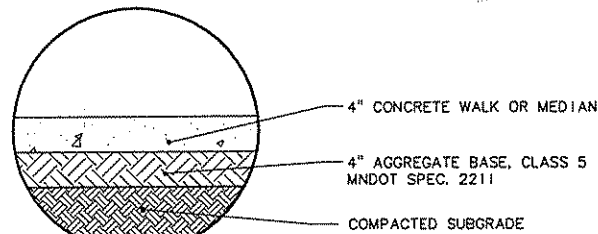
CITY OF FRIDLEY
MISSISSIPPI STREET (C.S.A.H. 6)
ST. IMPROVEMENT PROJ. ST 96-4
STATEMENT OF ESTIMATED QUANTITIES

S.A.P. 02-606-09
S.A.P. 127-020-17

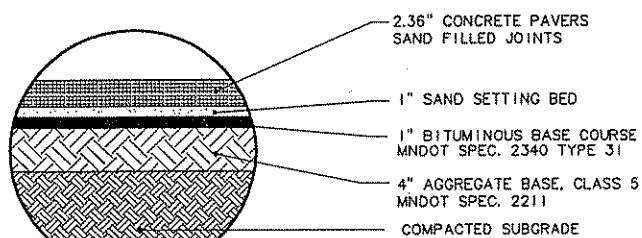


DETAIL A

USE DETAIL A FOR WORK WITHIN STREET RIGHT OF WAY
REFER TO DETAIL D FOR WORK OUTSIDE RIGHT OF WAY

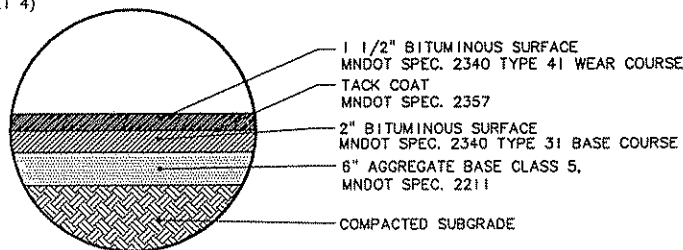


DETAIL B



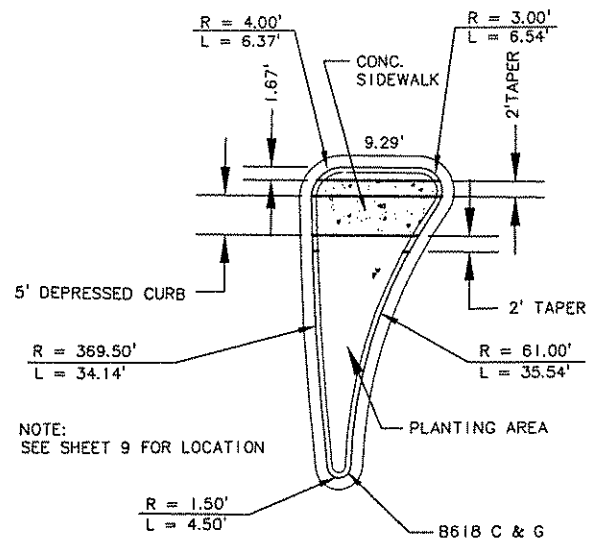
DETAIL C

(SEE SIDEWALK SECTION ON SHEET 4)

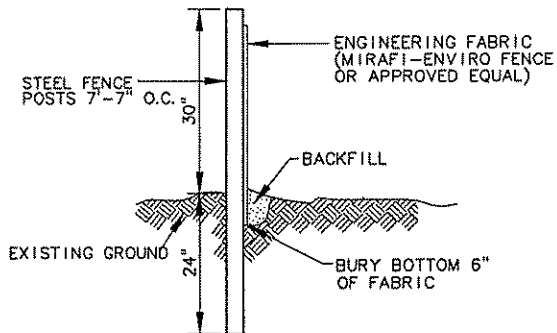


DETAIL D

NOTE:
SUBGRADE SHALL BE GRANULAR MATERIAL. AREAS
OF CLAY SHALL BE SUBCUT 3' AND REPLACED
WITH GRANULAR MATERIAL. SUBDRAINS
SHALL BE INSTALLED IN SUBCUT AREAS.



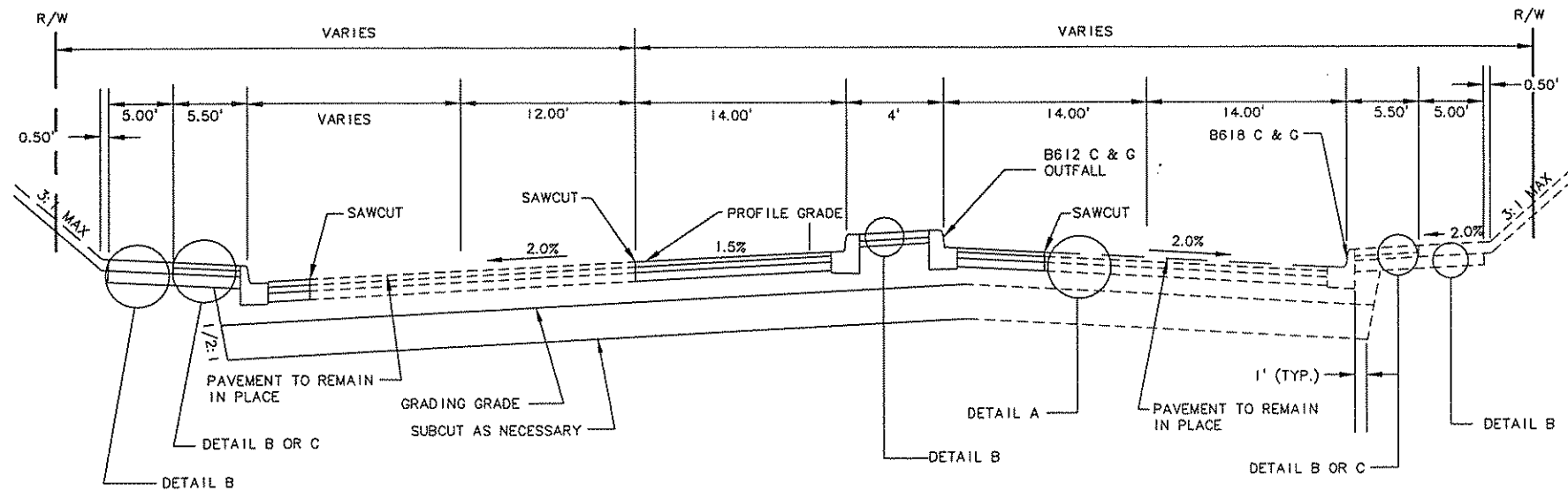
MEDIAN DETAIL



EROSION CONTROL FENCE

CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL
EROSION CONTROL MATERIALS FOLLOWING TURF ESTABLISHMENT

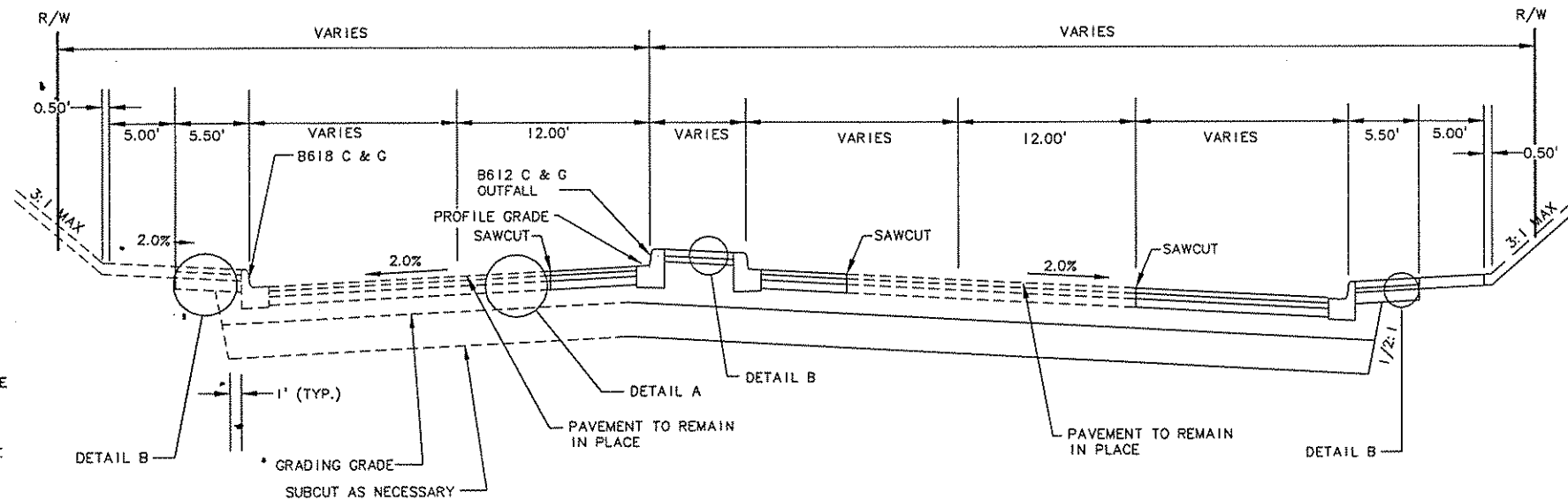
NOTE:
PLACEMENT OF SILT FENCE TO
BE DETERMINED IN THE FIELD
BY THE ENGINEER.



MISSISSIPPI STREET (C.S.A.H. 6)

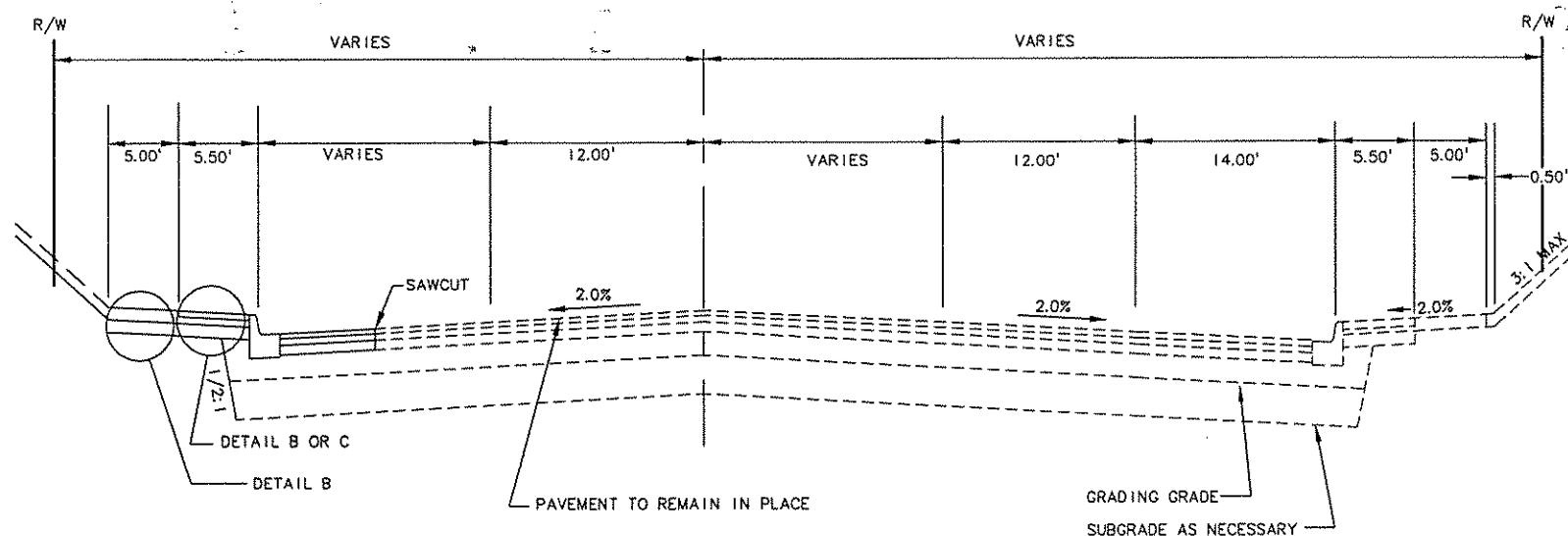
TYPICAL SECTION STA. 12+75 TO 14+42

NOTE: ALL DISTURBED AREAS NOT COVERED
WITH PAVEMENT SHALL HAVE A PERMANENT
VEGETATIVE COVER.



MISSISSIPPI STREET (C.S.A.H. 6)

TYPICAL SECTION STA. 10+40 TO 12+10



MISSISSIPPI STREET (C.S.A.H. 6)

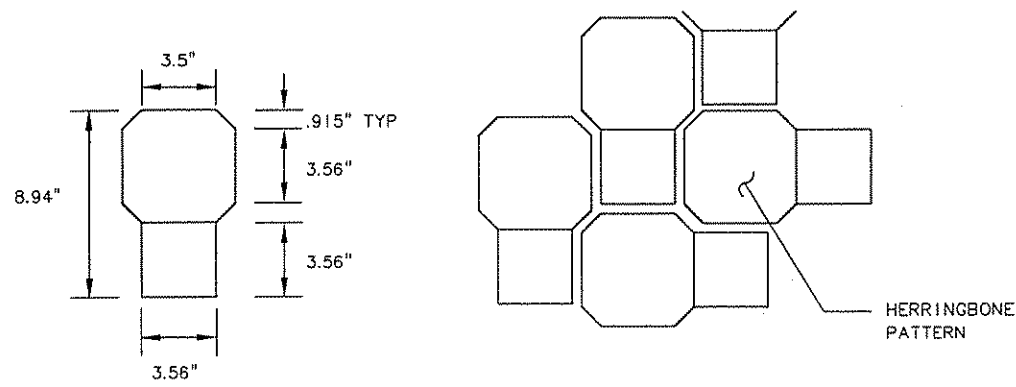
TYPICAL SECTION STA. 6+52 TO 10+40

REV. NO.	DATE	DESCRIPTION

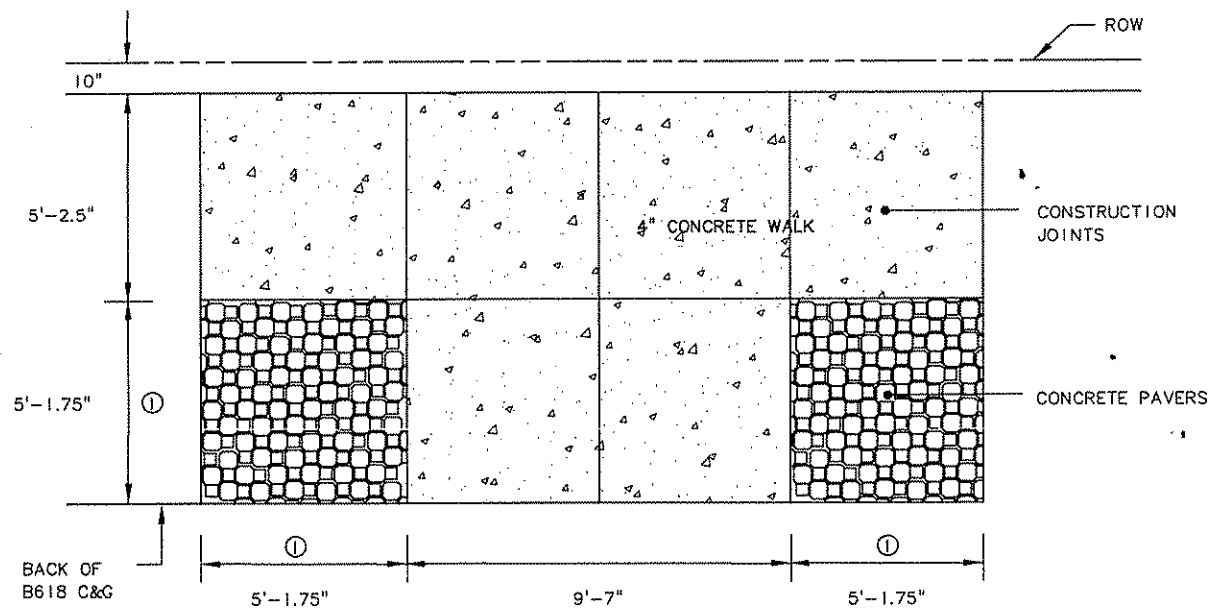
DESIGN FILE: 2881A06
DRAWN BY: CKP
CHECKED BY: LS
DATE: MAY 15, 1996

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE STATUTES OF THE STATE OF MINNESOTA. STATUTES SECTION 320.02 TO 326.16.
DATE: MAY 15, 1996
MINN. REG. NO. 23197
Paul B. Bane
B & W INC.
Thresher Square, 700 Third Street So.
Minneapolis, MN 55415, Phone 612/370-0700, Fax 612/370-1378

CITY OF FRIDLEY
MISSISSIPPI STREET (C.S.A.H. 6)
ST. IMPROVEMENT PROJ. ST 96-4
TYPICAL SECTIONS, AND
TYPICAL DETAILS

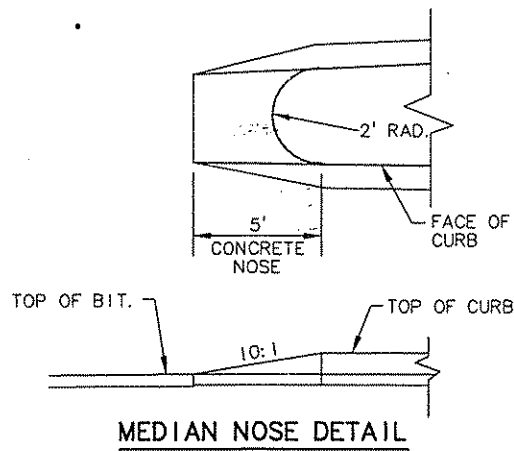


CONCRETE PAVER DETAIL



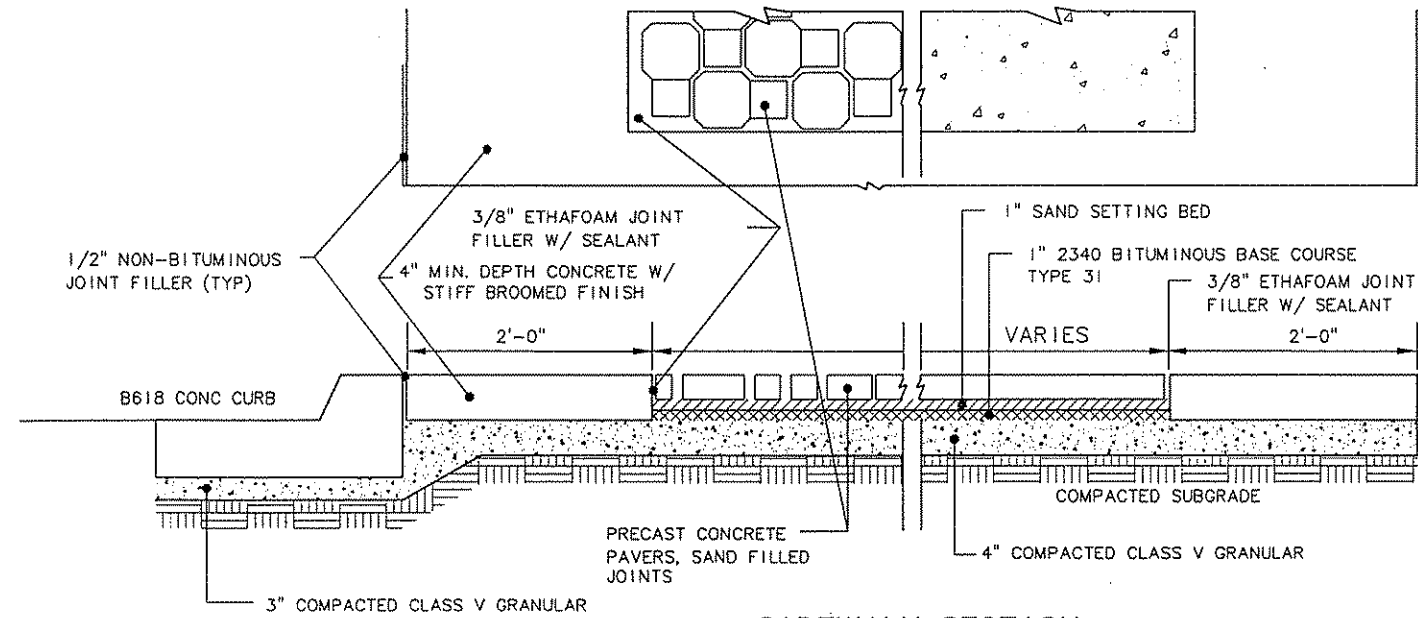
SIDEWALK PANEL LAYOUT

① NOMINAL DISTANCE, REVISE AS NECESSARY TO MATCH PAVING STONE PATTERN.



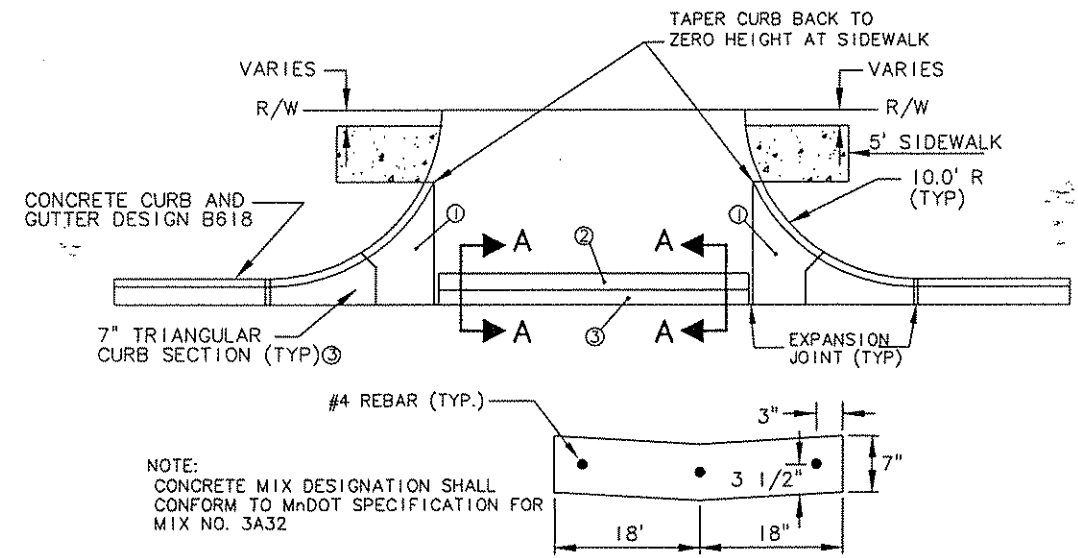
MEDIAN NOSE DETAIL

PLAN VIEW



SIDEWALK SECTION

- NOTES:
1. REMOVE EXISTING WALK AS NECESSARY FOR NEW CONSTRUCTION.
 2. FIELD DETERMINE LIMITS BY STARTING AT EXIST. SIDEWALK TO REMAIN AND WORK AT REQUIRED SPACING INTERVAL.
 3. CONCRETE CURB AND GUTTER SHALL BE DESIGN B618 UNLESS OTHERWISE NOTED IN PLANS.
 4. PEDESTRIAN CURB RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH MnDOT STANDARD PLATE NO. 7036D. RAMP THROAT WIDTH SHALL BE INCREASED TO 5' AND SURFACE FINISH SHALL BE STIFF-BROOMED CONCRETE.



SECTION A - A

- NOTE: CONCRETE MIX DESIGNATION SHALL CONFORM TO MnDOT SPECIFICATION FOR MIX NO. 3A32
- ① PAID FOR AS 7" CONCRETE DRIVEWAY PAVEMENT
 - ② PAID FOR AS CONCRETE VALLEY GUTTER
 - ③ PLACE ON MIN. 10" CLASS 5 AGGREGATE BASE

TYPICAL COMMERCIAL DRIVEWAY OPENING DETAIL

REV. NO.	DATE	DESCRIPTION

DESIGN FILE: 2881A06	DESIGN BY: JML	DWG. NAME: 2881SWK
DRAWN BY: MLS	CHECKED BY: PBD	DATE: MAY 15, 1996

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE STATE OF MINNESOTA. STATUTES SECTION 326.02 TO 326.16.

Paul B. Smith
DATE: 5/15/96, MINN. REG. NO. 23197

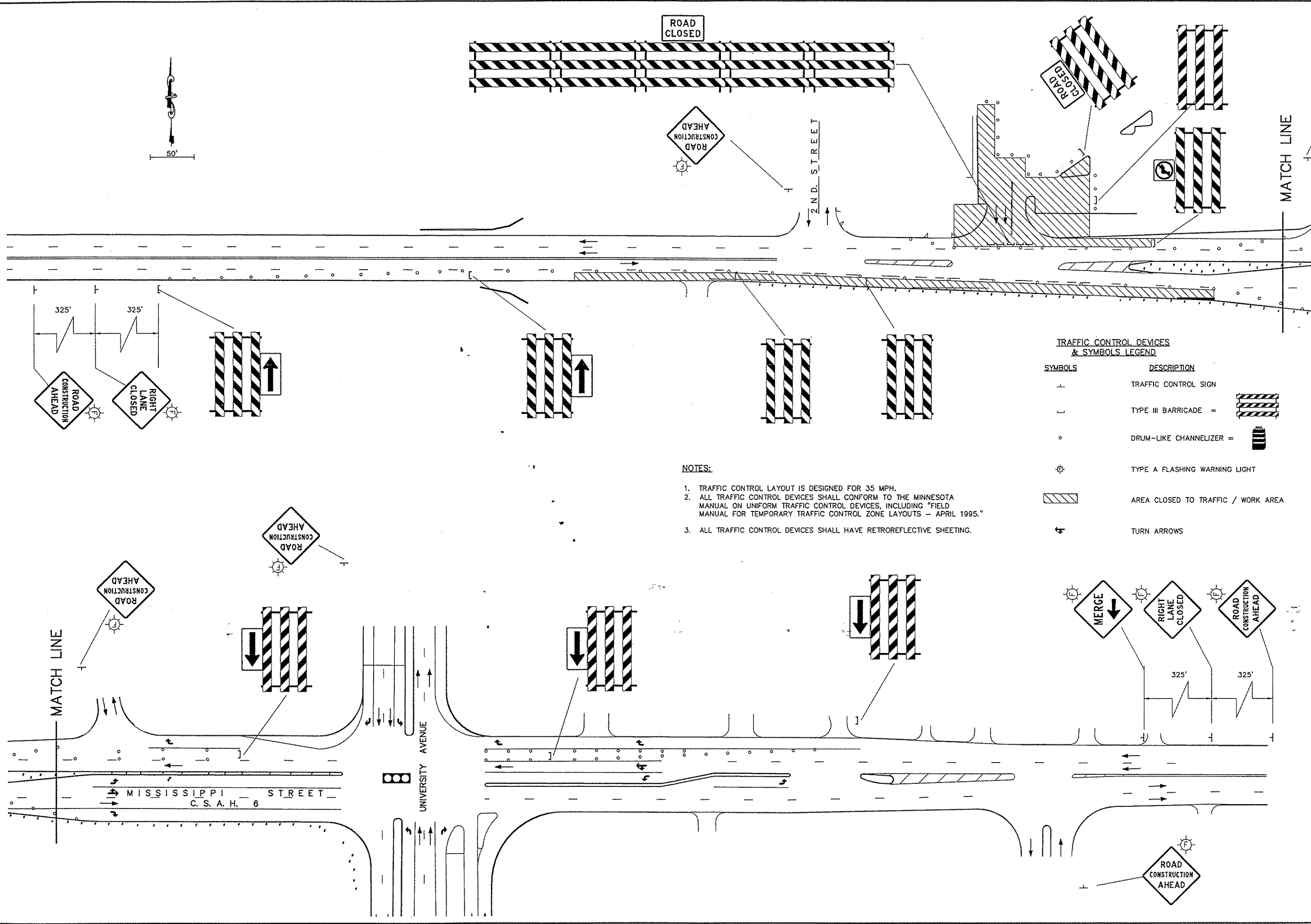
BRW

B R W INC.
Thresher Square, 700 Third Street So.
Minneapolis, MN 55415, Phone 612/370-0700, Fax 612/370-1378

CITY OF FRIDLEY
MISSISSIPPI STREET (C.S.A.H. 6)
ST. IMPROVEMENT PROJ. ST 96-4
SIDEWALK, MEDIAN ISLAND NOSE
AND TYPICAL DRIVEWAY DETAILS

DISK FILE NAME: R:\2881\MISS-SHT\2881SWK.DWG
PLOT DATE: May 16, 1996 12:57pm

DISK FILE NAME: R:\2881\MISS-SHT\2881TRF1.DWG
 PLOT DATE: May 15, 1996 2:08pm



TRAFFIC CONTROL DEVICES & SYMBOLS LEGEND

SYMBOLS	DESCRIPTION
+	TRAFFIC CONTROL SIGN
[Hatched Box]	TYPE III BARRICADE =
[Cylinder]	DRUM-LIKE CHANNELIZER =
[Flashing Light]	TYPE A FLASHING WARNING LIGHT
[Hatched Area]	AREA CLOSED TO TRAFFIC / WORK AREA
[Arrow]	TURN ARROWS

- NOTES:**
1. TRAFFIC CONTROL LAYOUT IS DESIGNED FOR 35 MPH.
 2. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS - APRIL 1995."
 3. ALL TRAFFIC CONTROL DEVICES SHALL HAVE RETROREFLECTIVE SHEETING.

DESIGN FILE: 2881A06
DESIGN BY: JML/JRM
DRAWN BY: OMR
CHECKED BY: PBD
DWG. NAME: 2881TRF1
PBD
DATE: MAY 15, 1996

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER UNDER THE STATE OF MINNESOTA STATUTES SECTION 326.02 TO 326.16.

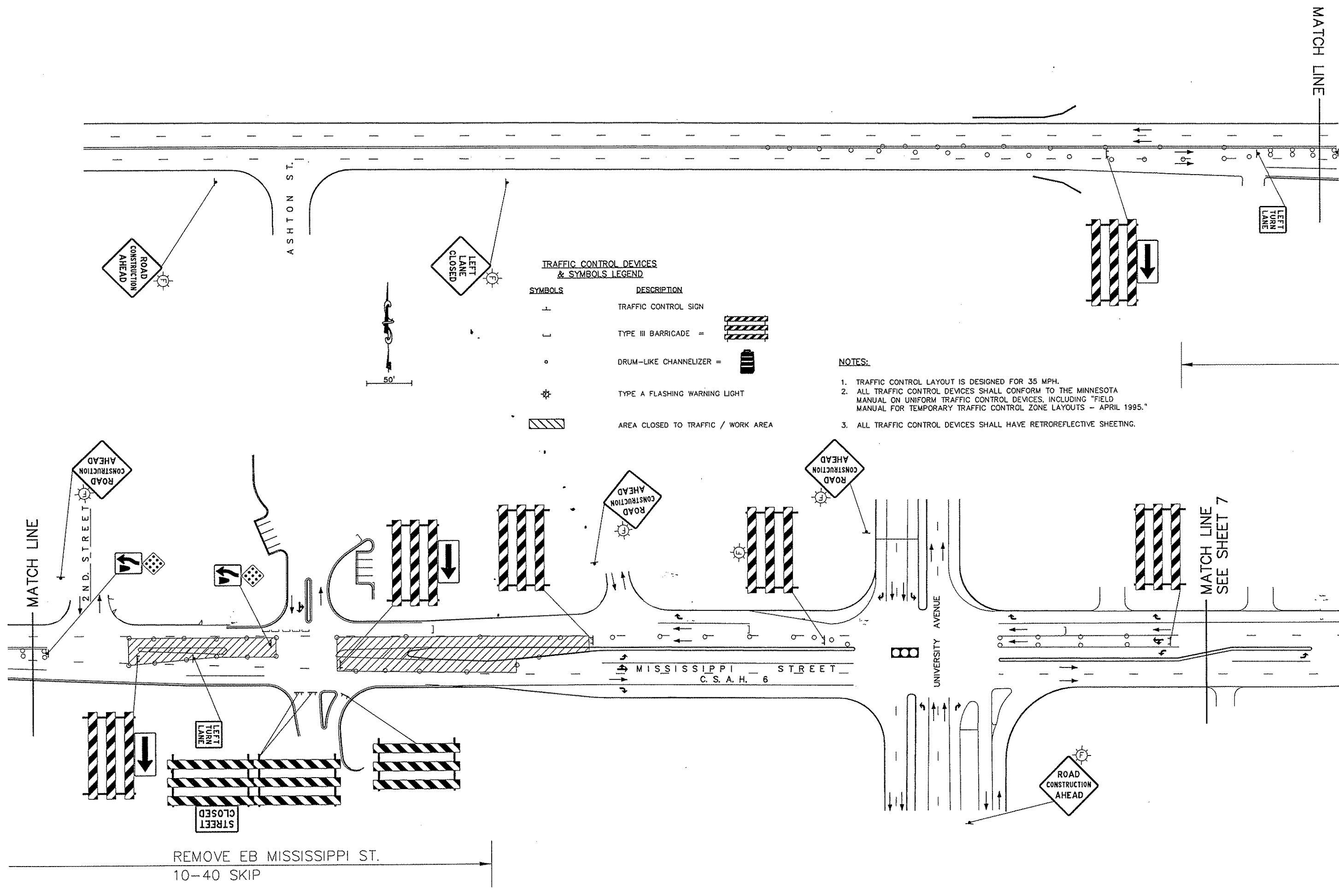
Paul B. Daniel
 DATE: 5-16-96 MINN. REG. NO. 23192

BRW
 B R W INC.
 Thresher Square, 700 Third Street So.
 Minneapolis, MN 55415, Phone 612/370-0700, Fax 612/370-1378




CITY OF FRIDLEY
 MISSISSIPPI STREET (C.S.A.H. 6)
 ST. IMPROVEMENT PROJ. ST 96-4
 TRAFFIC CONTROL
 PHASE 1

SHEET NO.
 5

DISK FILE NAME: R:\28801\MISS-SHT\2881TRF2.DWG
 PLOT DATE: May 17, 1996 9:06am



TRAFFIC CONTROL DEVICES & SYMBOLS LEGEND


SYMBOLS	DESCRIPTION
+	TRAFFIC CONTROL SIGN
]	TYPE III BARRICADE = 
o	DRUM-LIKE CHANNELIZER = 
⊙	TYPE A FLASHING WARNING LIGHT
	AREA CLOSED TO TRAFFIC / WORK AREA

- NOTES:**
1. TRAFFIC CONTROL LAYOUT IS DESIGNED FOR 35 MPH.
 2. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, INCLUDING "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS - APRIL 1995."
 3. ALL TRAFFIC CONTROL DEVICES SHALL HAVE RETROREFLECTIVE SHEETING.

DESIGN FILE: 2881A06	REV. NO.	DATE	DESCRIPTION
DESIGNED BY: JML/JRM			
DRAWN BY: MLS			
CHECKED BY: PBD			
DWG. NAME: 2881TRF2			
DATE: MAY 15, 1996			

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE STATUTES OF MINNESOTA UNDER THE STATE OF MINNESOTA STATUTES SECTION 326.02 TO 326.16.

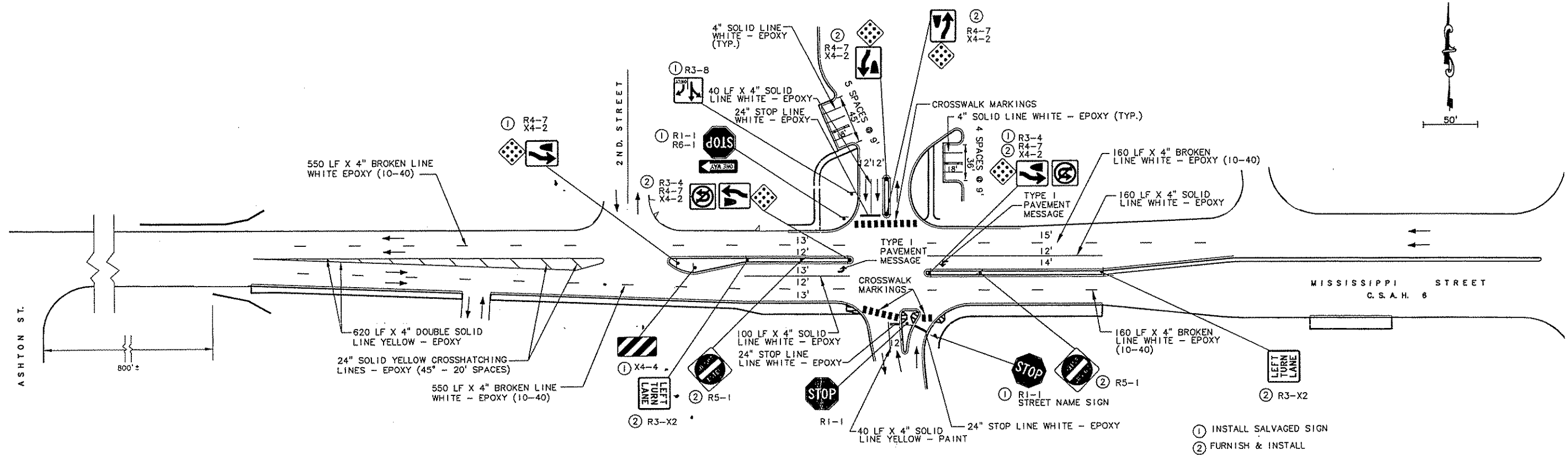
Paul B. [Signature]
DATE: 5-15-96, MINN. REG. NO. 23197



B R W INC.
 Thresher Square, 700 Third Street So.
 Minneapolis, MN 55415, Phone 612/370-0700, Fax 612/370-1378

CITY OF FRIDLEY MISSISSIPPI STREET (C.S.A.H. 6) ST. IMPROVEMENT PROJ. ST96-4 TRAFFIC CONTROL PHASE 2	SHEET NO. 0
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DISK FILE NAME: R:\2881\MISS-SHT\2881SIGN.DWG
 PLOT DATE: May 17, 1996 9:25am



I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE STATE OF MINNESOTA STATUTES SECTION 323.02 TO 323.06. <i>Paul B. Blawie</i> DATE: 5-15-96 MINN. REG. NO. 23197	DESIGN FILE:	2881A06	
	DRAWN BY:	JML/JRM	
CHKD. BY:	PBD	DWG. NAME:	2881SIGN
DATE:	MAY 15, 1996	REV. NO.	
DATE:		DESCRIPTION	
CITY OF FRIDLEY MISSISSIPPI STREET (C.S.A.H. 6) ST. IMPROVEMENT PROJ. SY 96-4 SIGNING AND STRIPING			
B R W INC. Thresher Square, 708 Third Street So. Minneapolis, MN 55415, Phone 612/370-0700, Fax 612/370-1378			
SHEET NO. 11			

S.A.P. 02-606-09
 S.A.P. 127-020-17