171ST AVENUE

EXIST. BUILDING

75-011-2205
MICHAEL AND CHERYL SNYDER

75-011-2115
LANDOL J. LOCHER II

GREGORY A. AND DONNA HOULE
75-011-2325

CONSTRUCTION NOTES:
1. PROTECT LIGHT POLES
2. STA. 0+060 TO 0+190 SUBCUT UP TO 0.6m AND REPLACE WITH SELECT GRANULAR BORROW AS DIRECTED BY THE ENGINEER.

U.S. HIGHWAY NO. 10

SEE SHEET 11

SEE SHEET 6

MILL EXISTING BITUMINOUS SURFACE 2.5cm DEEP X 1.2m WIDE, STRAIGHT LINE CUT, TACK & MATCH EXISTING BITUMINOUS

REMOVE EXIST. BITUMINOUS

REMOVE CMP

REMOVE RCP

REBUILD MH

CONCRETE VALLEY GUTTER

CLEAR AND GRUB TREE

CONSTRUCTION LIMITS

5.0 m TEMPORARY EASEMENT

3.0 m TEMPORARY EASEMENT

CB 1 675 mm ø
FL 267.916

CB 2 675 mm ø
FL 268.255

INSTALL BALE CHECK

CB 4
GL 267.555

CB 3
GL 267.552

ST MH 5 (4021 E)
GL 267.303

1500 mm ø ST MH 4
RIM 267.837
(BLOCK MH)

STMH 3
TOP 268.483

ST MH 5A
TOP 267.564

ST MH 5B
TOP 267.322

EX. CB
TOP=268.25
INV=267.06(E)
INV=266.91(W)

EX. BEEHIVE
TOP=267.89
INV=266.27(E)
INV=266.18(W)

PROPOSED 12.0m R.O.W.(39.37FT.)

SOUTH LINE OF THE NE 1/4 OF THE NW 1/4 OF SEC. 11, T. 32, R. 26, SHERBURNE CO., MN.

BITUMINOUS PARKING LOT

EXIST. BUILDING

SIGN

INV-265.99

STA. 0+062

12 m-300 mm RCP CL III @ 0.98%
RCP CL III @ 0.98%

CB 2

267.078 N

266.960 S
266.938 E
266.910 W

STA. 0+170

ST MH 5 | CB 4 | CB 3 | ST MH 4

16.5 m-450 mm ARCH RCP CL III @ 0.55%

266.950 S
266.902 N
266.897 S
266.805 N
266.800 S
266.770 N
266.770 W
266.750 E

2.5 m-450 mm RCP CL III @ 1.00%

5.3 m-375 mm RCP CL III @ 0.80%

PVI STA = 0+110
PVI ELEV = 268.05
A.D. = -1.32
K = 30.19

40.00m VC

80.00m VC

-1.50%

-1.84%

0.50%

FINISHED ℄ GRADE

EXISTING ℄ PROFILE

14 m-200 mm PVC SDR26
267.022 E
266.994 E
266.994 W
1 m-200 mm PVC SDR26

LOW POINT ELEV = 267.77
LOW POINT STA = 0+170.12
PVI STA = 0+200
PVI ELEV = 267.60
A.D. = -3.95
K = 20.24

29 m-450 mm RCP @ 0.00%

81 m-450 mm HDPE @ 0.21%

43 m-600mm RCP CL III @ 0.32%

266.960 S
266.938 E
266.938 W
266.770 W
266.770 N
266.750 E

0+065 EX. CB

PVI STA = 0+070

BVC 0+090

EVC 0+130

BVC 0+160

0+171 ST MH 4

ST MH 5

RECORD PLAN
OCTOBER 1997

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 LAWS OF THE STATE OF MINNESOTA.

DATE 7/23/96 REG.NO. 15316

MSA CONSULTING ENGINEERS

1326 ENERGY PARK DRIVE
ST. PAUL, MINNESOTA 55108
(612) 644-4389

REVISIONS

DATE	DESCRIPTION

DESIGN ____ DRAWN ____
CHECKED ____

GRAPHIC SCALES
HORIZ (M) 0 10 — 1:250
VERT (M) 0 2 — 1:50

CITY OF ELK RIVER
171ST AVENUE
STORM SEWER AND STREET CONSTRUCTION
171ST AVENUE

S.A.P. 204-132-01 STA 0+000 TO STA 0+190

DATE JULY 1996 | SHEET 5 OF 25 SHEETS | PROJECT NO. 230-313-20

ER313-A

1175

DRAWING NUMBER 5

171AV.96

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 55532
POSITION EDGE OF PAPER ON THIS LINE

D:\CADVE1kRiver\ER313\Er313-a.dwg Tue Dec 09 16.13.23 1997