U.S. HIGHWAY NO. 169

NORTH BOUND LANE

SOUTH BOUND LANE

SEE SHEET 54

INSTALL SIGN W4-1 MERGE SIGN 30" x 30"

S518 CURB AND GUTTER WITH GUTTER OUT

4" SOLID WHITE LINE

914+11 END 4" SOLID WHITE LINE BEGIN 4" 10'-40' SKIP WHITE LINE

STRAIGHT LINE CUT, TACK AND MATCH EXISTING BITUMINOUS MILL EXISTING WEAR COURSE A MINIMUM OF 1'

912+98 913+00 913+50 914+00 914+50 915+00 915+50 916+00 916+50 917+00 917+50 918+00 918+50 918+85.81

26' C TO F.C.

R=10' TC 935.45 TC 935.81 TC 935.75 R=10' TC 935.45

MATCH LINE

CONCRETE ISLAND

1.68%

20' F-F

R=100' TO F.C.

TC 935.00 TC 934.85

INSTALL SIGNS R4-7 KEEP RIGHT 24" x 30" AND X4-3 HAZARD SIGN 18" x 18" (YELLOW ON YELLOW)

12' GRAV D/W

40' F-F

191ST AVENUE SEE SHEET 53

TC 933.72 30

R=80' TO F.C.

END CONCRETE CURB AND GUTTER 10' END TAPER

INSTALL 4 C.Y. RIP-RAP

INSTALL 18" CONCRETE SAFETY APRON

4" SOLID WHITE LINE

12' 12' 12' 12'

2' 2'

15:1 TAPER

15:1 TAPER

916+18 END TAPER

917+98 BEGIN TAPER MATCH EXISTING BITUMINOUS

84'

100'

935.78 935.82 935.87 935.97 936.14 936.54 936.66 936.78 936.89 936.93

955 950 945 940 935 930

EXISTING ℄ PROFILE

0.08% 0.21% 1.18% 0.24% 0.09%

PROPOSED DITCH GRADE

89' 79'+10' 82'(76'+8'F.E.)-18" RCP CL.3 @ 2.00%

INV. 931.94 72

INV. 930.30

MATCH LINE +00

END 18" RCP(47' RIGHT) +82

MATCH EXISTING BITUMINOUS +98

913 914 915 916 917 918

RECORD PLAN 1995

ER2170UT

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.

Paul Boettcher

DATE 4-29-94 REG.NO. 13929

MSA CONSULTING ENGINEERS

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

9800 SHELARD PARKWAY
MINNEAPOLIS, MINNESOTA 55441
(612) 546-0432

REVISIONS	DATE	DESCRIPTION

DESIGNED PEB
CHECKED PB
DRAWN CLS
GRAPHIC SCALE 0 HORIZ. 20 0 VERT. 5

CITY OF ELK RIVER
U.S. HWY NO. 169 AND 191ST AVENUE
RIGHT IN/RIGHT OUT

S.A.P. NO. 204-010-02
STA. 913+00 TO 917+98

DATE APRIL 1994 | SHEET 55 OF 74 SHEETS | PROJECT NO. 230-217

Thu Apr 28 04:33:20 1994

DRAWING NUMBER

SCHOO.95
55

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6932

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