COUNTY ROAD 77 REALIGNMENT

SEE SHEET 15

C.S.A.H. NO. 1
SEE SHEET 14

SEE SIGNING & STRIPING DETAIL "A", SHEET 2

℄ CURVE DATA
Δ = 61°08'37"
R = 215.00'
T = 127.01'
L = 229.44'

BEGIN ⑤ 45' R

36'x85' GEOTEXTILE

STA. 0+65 21.5'L BEGIN 50 L.F. GUARDRAIL WITH 25' TWISTED END SECTION EA. END

12'L ③

PERMANENT EASEMENT ACQUISITION

40'x85' GEOTEXTILE

40' 18" RCP CL.3 ● ~~0.32%~~ 0.63%

14' 18" RCP CL.3 + F.E.S. ● ~~0.32%~~ 0.86%
INV. ~~908.00~~ 908.08

MH#11
G.L. ~~911.47~~ 911.58
INV. ~~907.93~~ 907.96

12'R ③

BEGIN ③ 45'R

STA.1+00 23'R [2]

HYDRANT REMOVED
~~RELOCATE EXISTING HYDRANT~~
~~AS DIRECTED BY THE ENGINEER~~
W.M. ELEV. 901.4±

38' 18" RCP CL.3 + F.E.S. ● ~~0.32%~~ 0.34%
INV. ~~907.66~~ 907.58

MH#13
G.L. ~~911.95~~ 911.99
INV. ~~907.80~~ 907.71

STA.1+75 26'R [7]

SEE INTERSECTION IN PLAN ABOVE

EXISTING DAY CARE CENTER

EXISTING FENCE

PT = 2+88.97 BACK = 17+90.11 AHEAD

STA.18+50 23'L [6] [2]

EXISTING EDGE OF BITUMINOUS

STA.20+00 10'L END ③

STA.20+00 2'R END ②

STA.20+00 14'R END ③

GAS LINE MARKERS

SEE SHEET 19

STRAIGHT LINE CUT, TACK & MATCH EXISTING BITUMINOUS

12' DIRT D/W

6' CONC. SIDEWALK (S.A.P. PARTICIPATION ENDS ● STA.20+00)

STA.19+00 27'R [5] [2]

EXISTING 12' D/W

SEE SHEET 14 FOR SIDEWALK

TOP OF CURB NORTHWEST SIDE

TOP OF CURB SOUTHEAST SIDE

EXISTING ℄ PROFILE

FINISHED ℄ GRADE

TAN. GR. −3.08%

−0.52%

+2.16%

+2.16%

+1.12%

50 VC M=0.16'

100 VC M=0.65'

50 VC M=0.07'

WATERMAIN INSULATION REQ'D

3+88.97 PT BACK = 17+90.11 AHEAD

+00 BEGIN TAPER TO MATCH EXISTING STREET

+00 MATCH EXISTING BITUMINOUS END CONC. CURB & GUTTER WITH 2' TAPER SECTION

±10 < POINT SIDEWALK

+00 ℄ C.S.A.H. NO. 1

+24 MATCH EDGE OF C.S.A.H. NO. 1

+50 BVC

+58.53 PC

+75 PVI = 913.76

+00 RVC

+50 PVI = 911.45

+60 MH#11 & MH#12

+00 EVC

+25 BVC

+50 PVI = 917.91

+75 EVC

END TANGENT RUNOUT

RECORD PLAN Nov. 1991

0 1 2 18 19 20

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.
Terry J. Maurer
DATE 6/4/91 REG. NO. 15816

CONSULTING ENGINEERS
Maier Stewart & Associates Inc.
1959 SLOAN PLACE (612)774-6021 ST. PAUL, MINNESOTA 55117

REVISIONS	DATE	DESCRIPTION
	5/28/91	CHANGED ALIGNMENT

DESIGNED GG
CHECKED
DRAWN GG
GRAPHIC SCALE
HORIZ. 20
VERT. 5

SHERBURNE COUNTY
STREET IMPROVEMENTS
COUNTY ROAD ~~77~~ REALIGNMENT
S.A.P. 71-601-13

DATE FEB. 1991 SHEET 17 OF 28 SHEETS PROJECT NO. 231-001

SC001-15

430

DRAWING NUMBER
1CSAH 91
17

SAFCO PRODUCTS • NEW HOPE, MINNESOTA
REORDER BY PART NUMBER 6092